



MWPCOA NEWS

The Operators' Newsletter

SEASON'S GREETINGS

GROUNDWATER RULE TAKES AFFECT DECEMBER 1, 2009

President's Message

To four-log or not to four-log, that is the question. Unless you have been under a rock for the past two years, you are aware that the Groundwater Rule went into effect on December 1, 2009. The Operator's Association district meetings are a great place to converse with fellow operators on how to comply with this new EPA requirement.

I wanted to take a moment to let you know what's been going on the last six months. The September short course on the coast was a huge success. We had a great turn out and the Tuesday night shrimp boil had some of the best fried catfish and shrimp I've ever tasted. Special thanks go out to Central Pipe, Hydro Hawk, Coast Chlorinators, the Policy Center and Dexter Fortson for helping sponsor this event.

We are now finalizing the classes for the short course in Natchez on February 8-11, 2010. Since the new Groundwater Rule will have been in effect for about 3 months, this will be an opportune time to network with other operators as a discovery time of finding the best way with complying with this requirement.

The Operator's Association is attempting to build an email data base. We hope this network will help keep you informed of important issues and keep you abreast of any legislative concerns that may affect the way we operate our systems. Please make sure your Program Director has your email address or you can send it to me at kenherring@cablone.net.

In closing, I would like to remind you to set your calendar for the annual conference in Philadelphia, MS on July 21-23, 2010. This event is one that my family and I look forward to every year. There is something for everyone, from a water park for the kids, a golf tournament, and other planned events, that will make this an enjoyable time as well as educational.

Respectfully yours,

Ken Herring

MWPCOA President

Secretary's Report

Our 2010 training schedule has been set. Sessions are scheduled for all nine (9) MWPCOA districts, again. **THE MWPCOA TRAINING SCHEDULE FOR 2010 IS IN THIS NEWSLETTER. LOOK FOR IT AND THE LIST OF DISTRICT PROGRAM DIRECTORS. CURRENT UP TO DATE TRAINING INFORMATION IS AVAILABLE ON THE WEB. GO TO WWW.MWPCOA.ORG CLICK ON UPCOMING TRAINING SESSIONS. THE CLICK ON THE LINK AT THE TOP OF THE UPCOMING PAGE. ALL APPROVED TRAINING SESSIONS ARE ON THIS CALENDAR AND MSDH UPDATES THE CALENDAR ON A REGULAR BASIS.**

In September the short course returned to the Gulf Coast for the first time since Katrina. The short course was a great success. Thanks to the volunteers from the Coast - Ethel Shott, Kevin Elliott, Michael Switzer and Mac McVey. I appreciate your help with registration. Also, thanks go the members of DISTRICT 9. The guys from the Corp of Engineers, Billy Williams, Chester Ayers, David Karr, Benny Pettit and Joey Capwell, all did an excellent job helping out. Also, thanks to George Hinnant, Otis Parker, Cathy Mitchell

WATERWORKS OPERATOR LOG BOOKS AVAILABLE

WATERWORKS OPERATOR LOGBOOKS DEVELOPED BY MSDH ARE NOW DISTRIBUTED BY THE OPERATORS' ASSOCIATION. THEY CAN BE ORDERED AT A COST OF \$15.00 EACH BY CALLING OUR OFFICE AT (801) 857-0512. COST WILL BE INVOICED TO THE SYSTEM OR THE OPERATOR.

and Michael Grubbs for helping with the CEU classes and certificates. I thank all of you for your assistance. I think you may have even learned a thing or two.

ANNUAL MEETING - JULY 21-23, 2010 - The MWPCOA Annual Meeting will be held at the Pearl River Resort in Choctaw (Philadelphia, MS) in JULY, 2010. Plans are being for golf, a trade show and other activities for members, their spouses and families. More information will be mailed to members in the spring. Please make plans now to attend. This meeting will be informative and interesting, but most of all, it is always lots of fun. Hope to see you there.

I would like to wish everyone a Merry Christmas and Happy New Year. Ya'll call me if I can be of help.

Linda Golladay
Administrator

**MWPCOA
2009 SCHEDULE**

FEBRUARY 8-12, 2010 WATER SUPPLY & POLLUTION CONTROL-NATCHEZ CONVENTION CENTER

MAY 24-28, 2010 POLLUTION CONTROL AND WATER SUPPLY - MSU, STARKVILLE, MS

JULY 21-23, 2010 ANNUAL MEETING, GOLD STRIKE RESORT, TUNICA, MS

SEPT 13-17, 2010 WATER & POLLUTION CONTROL SHORT COURSE - BILOXI CONVENTION

DISTRICT NEWS

DISTRICT I

DISTRICT MEETINGS ARE SCHEDULED FOR THE THIRD THURSDAY EVERY OTHER MONTH. FOR MORE INFORMATION ON MEETINGS contact Bobby Brown at (601) 846-0141.

The initial meeting of the quarter was held at the Holcomb Community Center in Holcomb, MS, on August 20, 2009. There were 41 in attendance for the day class. Lunch was provided by Ratliff Water Well Service and included catfish with all the trimmings.

The morning classes began with a discussion of well maintenance by Dan Ratliff. He reminded operators of the procedures to follow in servicing equipment. Mr. Ratliff addressed such areas as lubrication, well drip oil dosages, chlorination equipment repair, and establishment of routines. Preventative maintenance was stressed to avoid damage to equipment and to lower costs.

Mr. Jerry Kennemur and Mr. Bill Rutledge with Mississippi One Call provided the next session of the morning. They covered issues dealing with mapping, designing outlays for system response, identifying water lines, and other critical surveying necessities. A discussion was also provided as to why One Call is critical to water systems and the legal requirements of same. Mr. Rutledge showed a film on instances where One Call should have been contacted and the consequences of not calling.

Sheila Williams with Engineering Services closed the morning session with a brief overview of consulting engineering; its uses and importance to systems. Ms. Williams' topics included why a consulting engineer is needed, how they can assist systems, and what they can do provide efficient use of funds.

Following lunch, Mr. Scooter Lockhart with the Health Department covered Capacity Development, Corrective Action Plans, and Significant Deficiencies. All of these subjects were tied to the Ground Water Rule and its upcoming implementation. The operators were especially interested in the list of deficiencies and their impacts on expenditures. Mr. Lockhart provided insightful discussions of each topic and did an excellent job in relating each of them.

The final class of the quarter was held at the Bolivar County Extension Service in Cleveland on September 24. There were 14 in

attendance. Mr. Scooter Lockhart spoke on Ground Water Rule Requirements and Improving Annual Inspections. Although the Rule has been covered several times, Mr. Lockhart concentrated especially on the types of sampling and whether 4-Log or Triggered monitoring would be appropriate. He covered the rules for each and how the calculations were done to determine dosage. Mr. Lockhart progressed from the requirements under the Rule to how inspection results could be improved. He made the point that the new rules and inspection results are codependent concentrating the remainder of the session on their interrelationships.

District 1 held a meeting on October 14 at Taylor Hall in Grenada. The session lasted from 8:00 am to 4:00 pm with lunch being provided by Ratliff Water Well Service located in Holcomb. There were 58 operators in attendance.

The beginning class covered continuous chlorine residual analyzers for Ground Water Rule compliance. The two major devices were described to include those that use a reagent and those that use a probe. Each was discussed in depth with its individual strengths and weaknesses presented. Operators found the class to be interesting and asked several questions on installation, cost, and ease of use.

Mr. Andrew Morgan with Hydro Chlorinators continued the second hour with a review of chlorinators and de-chlorinators. Mr. Morgan covered the internal workings of each and their applications in treating water/waste water. Several devices were available for review and examination by the operators.

Soft starters and variable frequency drives were the next topics with Mr. Jerry Whittington of D&W Systems providing the instruction. The importance and cost savings of each piece of equipment comprised a major portion of the presentation. Mr. Whittington did an excellent job of showing the worthiness of VFD's and the amount of cost savings systems could have by placing them in their operations.

Mr. Jim Panck with

McCrometer Water Specialists ended the morning with a review of the new and existing flow meters. The operators were especially interested in turbo meters and their operation. Many questions about repair issues were asked. Replacement procedures and costs were also a big concern of those present.

Following the catfish and chicken lunch proved by Mr. Ratliff, hydraulic control valves were discussed. Their working operation and maintenance formed most of this topic. Mr. Chuck Whisenhunt with OCV Control Valves had an interested power point presentation and did a good job of describing how the valves work.

Following valves, Mr. Scooter Lockhart with the Health Department covered Capacity Development, Corrective Action Plans, and Significant Deficiencies. All of these subjects were tied to the Ground Water Rule and its upcoming implementation. The operators were especially interested in the list of deficiencies and their impacts on expenditures. Mr. Lockhart provided insightful discussions of each topic and did an excellent job in relating each of them.

The concluding hour was devoted to Ground Water Rule Requirements and Improving Annual Inspections. Although the Rule has been covered several times, Mr. Lockhart concentrated especially on the types of sampling and whether 4-Log or Triggered monitoring would be appropriate. He covered the rules for each and how the calculations were done to determine dosage. Mr. Lockhart progressed from the requirements under the Rule to how inspection results could be improved. He made the point that the new rules and inspection results are codependent concentrating the remainder of the sessions on their interrelationships.

The Christmas Party has been scheduled for the 15th of December at Crawdad's in Merigold beginning at 6:30 pm. Officers will be elected at the meeting to include a replacement for the Board of Governors. Operators and their families are invited to attend. Based on last year's, should be an event

to be enjoyed and remembered.

Bobby Brown, Sec.-Treasurer and
District 1 Program Director

DISTRICT II

DISTRICT MEETINGS ARE SCHEDULED FOR THE SECOND TUESDAY OF THE MONTH. FOR INFORMATION ON WHERE THE MEETING WILL BE HELD CONTACT BILL RUTLEDGE, PROGRAM DIRECTOR AT 662-489-9722.

Its hard to believe how quick the year has flown by. Our members are still meeting every other month to save on fuel and expenses because of some conflicts we had to meet some back to back months to get our quotas in. Our District met in October having Scooter Lockhart and Romelle Britton to discuss monitoring and Operators certification. This was one of our District meetings with 2 reg hours being offered. In November the 17 we will have a day session in Corinth at the MSU extension service office, our Instructors will be Jerry Kennemer and me with MS811. Next we expect a HOT panel discussion with Scooter Lockhart, Matt Albritton and Romelle Britton. After lunch will be Mr. Robert Ashley with D and W on Chlorine Residual Analyzer. We have been awarded 3 reg. and 3 regular training hours. In December the 8th we will have our Christmas get together we have invited Romelle to be our program and bring the training. I personally want to thank Linda for all the support she provides our District (always so pleasant) ha! We love you Linda and to Ed Mattox serving as our President. Ed has helped me provide the locations and other duties as needed. I give thanks to God for the quick recovery of our member and friend Larry Murphree on his surgery. I also pray that God will provide all of us with a blessed holiday and I give him thanks and praise for sending his son Jesus. Our county is going through some hard times and our Brave soldiers are putting there lives on the line for our freedom. Please keep our heroes and there families in your prayers. I look forward in seeing and working for you again in 2010. Thank you for the honor. May God Bless You

and Your Families. ... MERRY CHRISTMAS AND HAPPY NEW YEAR.....Bill

DISTRICT III

DISTRICT MEETINGS ARE SCHEDULED FOR THE FIRST THURSDAY OF EACH MONTH. FOR INFORMATION ON WHEN AND WHERE EACH MEETING WILL BE HELD, CONTACT HAYWOOD SUTTON, PRESIDENT AT 601-668-2621 OR RUSTY LYONS, PROGRAM DIRECTOR, AT 601-961-5588.

DISTRICT IV

DISTRICT MEETINGS ARE SCHEDULED FOR THE FOURTH THURSDAY OF EACH MONTH IN MERIDIAN AT 6:30 P.M. FOR INFORMATION ON MEETINGS CONTACT SUSAN BOYETTE, DISTRICT PROGRAM DIRECTOR (601) 483-6883.

DISTRICT V

DISTRICT MEETINGS ARE SCHEDULED FOR THE FOURTH TUESDAY OF EVERY OTHER MONTH. FOR INFORMATION ON WHEN AND WHERE MEETING WILL BE HELD CONTACT OTIS PARKER, PROGRAM DIRECTOR AT (601) 752-5307.

We started off Fiscal Year 2010 with a bang. Our first meeting was in Ellisville at Charlie's Catfish on August 18, 2009. Jimmy Midiff and Richard Singletary with South Mississippi Chemicals gave an outstanding presentation on Chlorine Dioxide for Bio-Film Control in Water Distribution Systems. They also provided the 34 operators in attendance with a delicious meal.

A three district day training meeting (Districts V, VI, and VII) was held on October 15, 2009 in Hattiesburg, Mississippi. This was a landmark meeting for the MWPCOA with 116 operators in attendance. Thanks to Mr. Jerry Whittington with D&W Systems of Ridgeland for the excellent speakers and wonderful door

prizes. The award winning cooks, Perry Bridges and Joe Lofton of Griner Drilling are to be commended for the outstanding complimentary luncheon. Also, thanks to Darrell Blackwell of District V for providing excellent assistance with the meal preparation. I appreciate all of the operators of District V and VI who attended the meeting and showed their support. Commendations are appropriate for Cathy Mitchell, Program Director for District VII, for assisting with the preparations for the meeting. Also, thanks to the operators of Ms. Mitchell's district for showing their support. Hopefully, this type meeting can be provided annually.

District V has two additional meetings scheduled for the remainder of the year. One is on November 17 at Charlie's Catfish in Ellisville. The other is the annual Christmas celebration at the Hattiesburg Water Treatment Plant on December 15.

Merry Christmas and Happy New Year! May God bless each of you. Hope to see you at the upcoming meetings.

Otis Parker, Program Director
otisparker@bayspringstel.net

DISTRICT VI

DISTRICT MEETINGS ARE SCHEDULED BI-MONTHLY.

FOR INFORMATION ON WHEN AND WHERE MEETING WILL BE HELD CONTACT OTIS PARKER, PROGRAM DIRECTOR AT 601-752-5307.

Fiscal Year 2010 started off with a great turnout at the August 11, 2009 meeting in Wiggins, Mississippi. There were 31 in attendance. Andy Morris with Southern Corrosion, Inc. provided an excellent presentation on Tank Inspections, Maintenance, and Repair and also provided the operators with a complimentary meal.

A meeting was held on October 13 at the Golden Corral in Gulfport. Cole Bryan with The Hydro Hawk Company presented on Continuous Chlorine Monitoring and Ground Water Rule Compliance. The 24 operators in attendance also enjoyed

a delicious meal provided by The Hydro Hawk Company.

A three district day training meeting (Districts V, VI, and VII) was held on October 15, 2009 in Hattiesburg, Mississippi. This was a landmark meeting for the MWPCOA with 116 operators in attendance. Thanks to Mr. Jerry Whittington with D&W Systems of Ridgeland for the excellent speakers and wonderful door prizes. The award winning cooks, Perry Bridges and Joe Lofton of Griner Drilling are to be commended for the outstanding complimentary luncheon. I appreciate all of the operators of District V and VI who attended the meeting and showed their support. Commendations are appropriate for Cathy Mitchell, Program Director for District VII, for assisting with the preparations for the meeting. Also, thanks to the operators of Ms. Mitchell's district for showing their support. Hopefully, this type meeting can be provided annually.

District VI's December bi-monthly meeting has been scheduled for December 8 in Ocean Springs at Aunt Jenny's Catfish. Operators will receive great training information and a complimentary meal provided by Ralph Hayes (Layne Central).

I hope each of you have a very Merry Christmas and Happy New Year! God bless you all. I look forward to seeing you at the upcoming meetings.

Otis Parker, Program Director

DISTRICT VII

DISTRICT MEETINGS ARE SCHEDULED FOR THE FOURTH THURSDAY EVERY OTHER MONTH.

FOR INFORMATION ON WHEN AND WHERE MEETING WILL BE HELD CONTACT CATHY MITCHELL AT 601-876-5157.

Cathy V. Mitchell Program Director

DISTRICT VIII

DISTRICT MEETINGS ARE SCHEDULED FOR THE SECOND TUESDAY OF EACH MONTH.

FOR INFORMATION ON WHEN AND WHERE MEETING WILL BE HELD CONTACT GEORGE HINNANT @ 662-295-2792.

District 8 meets bi-monthly. We meet in February, April, June, August, October and December.

At our July District Meeting, Brad Kennedy with MDEQ showed the group how to access and use the new eDMR forms that are now available to submit your discharge monitoring reports on-line. Larry Murphree also attended the meeting. There were 29 in attendance that evening.

In September, we had our second Day Training Session for the year. The theme was "Project Management" and 35 operators attended.

For our October meeting, Scooter Lockhart spoke to the group on "Preparing for a MSDH Inspection" he went over the significant deficiencies to watch out for. We received a "Reg Hour" for this meeting and had 30 operators and guests in attendance.

We will be having our annual Christmas Party at the Columbus Wastewater Treatment Plant on December 10th at 7:00 PM. If you are going to be in the area we would love to have you come and join us.

Robert Ashley was elected to serve as District President for 2010. Marion "Boodro" Marsac began his term representing District 8 on the Board of Governors in July. Thanks guys for serving.

George Hinnant, Program Director

DISTRICT IX

DISTRICT MEETINGS ARE SCHEDULED FOR THE THIRD TUESDAY OF EACH MONTH.

FOR INFORMATION ON WHEN AND WHERE MEETING WILL BE HELD CONTACT DAVID KARR AT 662-563-6623.

MWPCOA District 9 meets on the Third Thursday on a bi-monthly basis. I hope that everyone is enjoying the beautiful fall colors, as a hint of old man winter is in the air. That means that we all need to be shopping for Christmas and thinking of our families. Please remember at this time of year, our service men and women who won't be with their families for the holidays,

keep them in your prayers, and pray for their safe return.

District nine had a bi-monthly meeting in August at Paw-Paws restaurant in Batesville with 26 members present who heard Jeff Williams of MSDH present a topic about the Ground Water Rule. Hope everyone is ready to go as December is upon us. We had a Day session in Batesville on September 22nd with a presentation from Bill Rutledge and Jerry Kennermur on 811 in Mississippi that was well received and appreciated by all of the 37 in attendance. Thanks Bill and Jerry for the great presentation, along with Jeff Williams of MSDH. In October we met at the Country Catfish restaurant in Oakland, for another bi-monthly meeting with Jeff Williams again presenting a MSDH update and answering questions about 4-log and trigger source concerns, with 25 in attendance. Our members present voted to have our annual Christmas Dinner at Paw-Paws restaurant in Batesville on December 10th, 2009 at seven o'clock in the evening, and we hope to see all of our members at this meeting, since we will be having an election of officers, and filling a slot on the scholarship committee.

As we begin another holiday season, let's remember what the season is all about. It's not about Santa Claus, or how much we can spend at this time of year, it's about the birth of the promised one, the Messiah, the Saviour of all mankind. While we are out and about doing our Christmas shopping, and we are told Happy Holidays from some store clerk, use it as an opportunity to share the good news, by responding with a cheerful Merry Christmas, and that Jesus is the only reason for the season! May God bless you and your family during this wonderful time of year!

David Karr, Program Director

2 0 1 0 M W P C O A S C H O L A R S H I P N O M I N A T I O N B E I N G A C C E P T E D

MWPCOA will be accepting nominations for the 2010 Membership Scholarship until December 31, 2008. To be eligible for the scholarship an applicant must be a member in good standing or the spouse or child or grandchild of a member in good standing. A nomination form is included in this newsletter. This form must be completed and returned to MWPCOA by December 31. All nominees will be sent an application package which must be returned in order to be considered for the award which will be announced at the Annual Meeting in July, 2010.

MWPCOA DISTRICT PROGRAM DIRECTORS 2008-2009

DISTRICT I - Meets 3rd Thursday Every Other Month
Program Director
James "Bobby" Brown
662-846-0141
Fax 662-846-0141
Watermgt1@aol.com

DISTRICT II
Meets 2nd Tuesday Every Other Month
Program Director
Bill Rutledge
(662) 489-9722
bill.rutledge@att.net

DISTRICT III
Meets 1st Thursday
Program Director
Rusty Lyons
601-961-5588
Fax 601-961-5674
Rusty_Lyons@deq.state.ms.us

DISTRICT IV
Meets 4th Thursday
Program Director
Susan Boyette
(601) 483-6883
Fax (601) 693-4514
boyetteh2o@aol.com

DISTRICT V

Meets 3rd Tuesday Every Other Month
Program Director
Otis Parker
601-752-5307
e-mail otisparker@bayspringstel.net

DISTRICT VI
Meets 3rd Thursday Every Other Month
Program Director
Otis Parker
e-mail otisparker@bayspringstel.net

DISTRICT VII
Meets 4th Thursday Every Other Month
Program Director
Cathy Mitchell
(601) 876-5157 (O)
Fax 601-876-5154
Lexiewaterassoci@bellsouth.net

DISTRICT VIII
Meets 2nd Thursday Every Other Month
Program Director & Training Coordinator
George Hinnant
(662) 295-2792
e-mail ghinnant@comcast.net

DISTRICT IX
Meets 3rd Tuesday Every Other Month
Program Director
David Karr
(662) 563-6623
Fax (662) 563-6622
batesvillewwtp@panola.com

**23rd ANNUAL CENTRAL
MS
SHORT COURSE**

**FEBRUARY 8-12, 2010
NATCHEZ CONVENTION
CENTER**

The 23rd Annual Central Mississippi Water Supply and Pollution Control Short Course is scheduled at the Natchez Convention Center, 211 Main Street in Natchez, MS the week of February 8-12, 2010. All classes will be held in the Convention Center.

Instruction will be offered for B, C, and D water supply operators and for Class I, II, III and IV pollution control operators from 8AM to 5PM, Monday through Thursday, and testing on Friday. A special CEU class will be offered for certified water and wastewater operators. **The CEU Classes will begin at 8:00 A.M. on Tuesday and finish at 5:00 P.M. on Wednesday for a total of 16 hours.** Please mark the appropriate class on the enclosed pre-registration form. Those attending the certification short course are required to bring calculators. Persons attending water certification classes are requested to bring a chlorine test kit.

Certifying examinations for all classes in both water supply (A-E) and pollution control (I-IV) will be offered Friday morning, February 12, 2010, beginning at 8:00 a.m. **ANYONE DESIRING TO TAKE A CLASS I OR II WASTEWATER EXAMINATION MAY DO SO WITHOUT PRIOR NOTICE AND WITHOUT BEING REGISTERED FOR THE SHORT COURSE. PERSONS DESIRING TO TAKE A CLASS III OR IV WASTEWATER EXAM MUST HAVE TAKEN AND PASSED A CLASS II EXAM PRIOR TO ATTEMPTING THE CLASS III OR IV. YOU MUST HAVE ATTENDED A WATER SUPPLY SHORT COURSE (CLASS A-D) WITHIN THE PAST 12 MONTHS IN ORDER TO BE ELIGIBLE TO TAKE A WATER SUPPLY TEST.**

THERE WILL BE A \$35.00 TESTING FEE CHARGED FOR EACH TEST TAKEN. PERSONS ARRIVING AFTER 8:00 A.M. WILL NOT BE ALLOWED TO TAKE A TEST. A photo ID (i.e. driver's license) must be presented before a test will be issued. Only writing instruments and a non-programmable calculator will be allowed in the testing area. All other materials will be provided.

Pre-registration fee for the certification classes (B, C, D or I, II, III, IV) for members of the Mississippi Water and Pollution Control Operators' Association, Inc. is \$200 and \$350.00 for non-members. Pre-registration fee for the CEU classes (water or wastewater) is \$150 for members and \$300 for non-members. These fees cover the cost of supplies, one ticket to the BBQ lunch on Tuesday (tickets for the lunch will be \$15.00 for those not registered for the short course), and services related to the short course. The registration fee does not include manual fee, testing fee or expenses for lodging or meals. A block of rooms has been reserved at each of the following hotels :

The Natchez Grand Hotel, Main & Canal Street, 601- 446-9994 - \$109/s/dbl (this is a totally non-smoking facility - formerly Country Inn & Suites)
Natchez Eola Hotel, 866-445-3652 - \$89/standard - \$115/balcony— \$125/king Exec
Hampton Inn & Suites 601-446-6770 - \$80 + tax, if applicable

In order to receive rates quoted, inform the hotel that you are with the MS Water & Pollution Control Operators' group. All reservations must be made by January 8, 2010. **You are responsible for making your hotel reservations. Do not include motel request or deposit with your pre-registration form.**

Additional motels in the area are:
 Isle of Capri Hotel (800) 843-4753
 Comfort Suites Riverfront - Vadaia, LA-800-260-2715 - NON-SMOKING FACILITY
 Days Inn 601-445-8291 -

Comfort Inn 601-446-5500
 Excellent Inn & Suites 601-442-1691

Please pre-register and answer all questions on the attached form. Return pre-registration form with your check made payable to MWPCOA, Post Office Box 720399, Jackson, Mississippi 39272, before JANUARY 22, 2010, to avoid the late fee. A late fee of \$25.00 will be charged if the envelope is postmarked after January 22, 2010. There is a \$25 processing fee for cancellations prior to January 22, 2010. No refunds will be given for no-shows or cancellations after January 22, 2010. **DO NOT MAIL REGISTRATION AFTER JANUARY 29, 2010. THERE IS A \$50 LATE FEE FOR REGISTRATION FEES PAID AT THE DOOR.** If you have any questions, please call our office at (601) 857-0512.

Purchase orders will not be accepted.

**MDEQ TRAINING
SCHEDULE SET FOR 2010**

MDEQ has set their tentative training schedule for 2010 and a copy is included in this newsletter. In order to receive an invitation to any of the training sessions, you must complete the form by marking the sessions you would like to attend and mail or fax the form to the DEQ trainer in your area.

PRE-REGISTRATION FORM IS DUE JANUARY 22, 2010
23rd ANNUAL WATER SUPPLY & POLLUTION CONTROL SHORT COURSE
NATCHEZ CONVENTION CENTER, 211 MAIN STREET, NATCHEZ, MISSISSIPPI
FEBRUARY 8-12, 2010

NAME _____ COUNTY _____

ADDRESS _____
street or box city state zip

EMPLOYER _____

BUSINESS PHONE _____ HOME PHONE _____

PLEASE CIRCLE ONE

Which CERTIFICATION class do you plan to attend?
Water Supply (Persons attending certification classes should bring a chlorine test kit with them) B C D CEU
Waste Water I II III IV CEU
Are you already certified in Water Supply or Wastewater) YES NO
(you must already be certified to receive CEU credit)

Which CEU class do you plan to attend? WATER WASTEWATER
Please Print your Certificate No. HERE _____

Will you attend the BBQ Lunch on Tuesday? YES NO
The cost of the BBQ is included in your registration fee. Extra tickets are \$15.00 each.

Do you wish to purchase a manual? WATER WASTEWATER NO
If purchasing a Manual, would you like the manual mailed in advance of the course? YES NO
(Pre-Registration form must be received by January 22 in order to mail manual in advance)

Do you plan to take a test on Friday? WATER WASTEWATER NO

PLEASE INDICATE BELOW THE AMOUNT YOU ARE ENCLOSING

CEU CLASS REGISTRATION FOR MEMBERS \$ 150.00
MWPCOA Membership No. _____ (MUST BE PROVIDED)

CEU CLASS REGISTRATION FOR NON MEMBERS \$ 300.00
(Includes 3 year membership)

CERTIFICATION CLASS REGISTRATION FEE FOR MEMBERS \$ 200.00
MWPCOA Membership No. _____ (MUST BE PROVIDED)

CERTIFICATION CLASS REGISTRATION FOR NON MEMBERS \$ 350.00
(Includes 3 year membership)

Manual (\$35.00 water manual or \$50 wastewater manual) \$ _____

Testing Fee (\$35.00) \$ _____

Extra Lunch Tickets \$ _____

Late Registration Fee \$ _____
(Add \$25 if envelope is postmarked after January 22, 2010)

ON-SITE LATE REGISTRATION FEE ADD \$50.00 \$ _____
(THIS FEE APPLIES TO ALL REGISTRATIONS NOT PAID IN FULL PRIOR TO COURSE DATE)

TOTAL ENCLOSED \$ _____

ALL FEES ARE DUE PRIOR TO COURSE DATE. Please make your check payable to MWPCOA. Mail it and this form to MWPCOA, Post Office Box 720399, Jackson, MS 39272. There is a \$25.00 processing fee for cancellations prior to January 22, 2010. No refunds given for no-shows or cancellations after January 22, 2010. DO NOT MAIL REGISTRATION AFTER JANUARY 29, 2010. THERE IS A \$50 LATE FEE FOR REGISTRATION FEES PAID AT THE DOOR AND ON-SITE REGISTRATIONS. You are responsible for making your hotel reservations. If you have any questions or need to notify us of any changes or cancellations, please call (601) 857-0512.

PURCHASE ORDERS WILL NOT BE ACCEPTED
PLEASE DO NOT WRITE BELOW THIS LINE

MBR. REF. # _____ PAYEE _____



MDEQ 2010 Wastewater Operator Training Schedule

Listed below is the **Tentative** Pollution Control Operator Training Schedule for January 2010 through December 2010. **THIS SCHEDULE IS SUBJECT TO CHANGE WITHOUT NOTICE** so please check with one of the OPC training instructors for specific dates, location and enrollment or contact Henry Folmar at 601-961-5529. **To request an invitation to any of the training sessions, place a check in the Invitation Request box(es) and mail or fax a copy along with your name and address to the Environmental Trainer in your area.**

Name: _____ Address: _____

Certification No. (from label) _____

| Month | Training Session | WW CEC | Location | Water CEC | Invitation Request |
|-----------------|--|--------|---------------|-----------|--------------------|
| January | 1 Day NPDES Monitoring | 6 | Oxford | 0 | |
| | 1 Day NPDES Monitoring | 6 | Jackson | 0 | |
| | 1 Day NPDES Monitoring | 6 | Biloxi | 0 | |
| February 8-12 | MWPCOA Short Course (Cert. Exams) | 16/32 | Natchez | 8/16 | |
| March | 2 Day Mathematics | 12 | Tupelo | 6 | |
| 29- April 1 | MSRWA Annual Conference | 18 | Jackson | TBA | |
| April | 1 Day Lagoon O&M | 6 | Cleveland | 0 | |
| | 1 Day Lagoon O&M | 6 | Jackson | 0 | |
| | 1 Day Activated Sludge Process Control | 6 | Gulf Coast | 0 | |
| May 24-28 | MWPCOA Short Course (Cert. Exams) | 16/32 | Starkville | 8/16 | |
| June 2-4 | MWEA Annual Conference | TBA | Tupelo | 0 | |
| 22-24 | 3 Day MSRWA / MDEQ Training | TBA | Bay St. Louis | TBA | |
| July | 1 Day Collection System | 6 | Pontotoc | 0 | |
| | 1 Day Collection System | 6 | Meridian | 0 | |
| | 1 Day Collection system | 6 | Gulf Coast | 0 | |
| 21-23 | MWPCOA Annual Conference | TBA | Philadelphia | TBA | |
| August | 2 Day Mathematics | 12 | Hattiesburg | 6 | |
| 17-19 | MSRWA Operator Expo | TBA | Batesville | TBA | |
| September 13-17 | MWPCOA Short Course (Cert. Exams) | 16/32 | Biloxi | 8/16 | |
| October | 1 Day Safety | 6 | Grenada | 3 | |
| | 1 Day Safety | 6 | Jackson | 3 | |
| | 1 Day Safety | 6 | Gulf Coast | 3 | |
| November | 2 Day Laboratory Workshop | 12 | Pearl | 6 | |

Environmental Training Instructors

Larry Murphree
North Regional Office
No. 8 CR 413
Oxford, MS 38655
Phone (662) 234-3733
Fax (662) 234-3749
Larry_Murphree@deq.state.ms.us

Larry Johnson
Central Regional Office
1542 A. Old Whitfield RD.
Pearl, MS 39208
Phone (601) 961-5646
Fax (601) 961-5619
Larry_Johnson@deq.state.ms.us

Ken Dollar
South Regional office
1141 Bayview Ave., Suite 208
Biloxi, MS 39350
Phone (228) 432-1056
Fax (228) 432-5553
Ken_Dollar@deq.state.ms.us

Certification Administration

Deborah Turnage
Office of Pollution Control
P.O. Box 2261
Jackson, MS 39225-2261
Phone (601) 961-5293
Fax (601) 961-5376
Deborah_Turnage@deq.state.ms.us

GROUNDWATER RULE TAKES AFFECT DECEMBER 1, 2009

The Bureau of Public Water Supply is required by EPA to begin implementing the Ground Water Rule on December 1, 2009. The purpose of the rule is to reduce disease incidence associated with disease-causing microorganisms in drinking water. The rule establishes a risk-based approach to target ground water systems that are vulnerable to fecal contamination. Ground water systems that are identified as being at risk of fecal contamination must take corrective action to reduce potential illness from exposure to microbial pathogens. The rule will apply to all systems that use ground water as a source of drinking water, including wholesale and consecutive systems. It was published in the Federal Register on November 08, 2006 and becomes effective on December 1, 2009.

Ground Water Rule Monitoring Requirements

Beginning December 1, 2009, all groundwater systems must begin either 1. Source Water Monitoring; or 2. Compliance Monitoring.

Source Water Monitoring refers to monitoring raw water, prior to chlorination, for bacteriological analysis. There are two categories of Source Water Monitoring:

- **Triggered Monitoring** - Systems that have a total coliform-positive routine sample under Total Coliform Rule (TCR) sampling in the distribution system are "triggered" to take raw water samples from the wells within 24 hours.
- **Assessment Monitoring** - Systems with wells that are classified as either "Moderate" and are less than 500 ft. or "High", (according to the Source Water Assessment ranking established by the Mississippi Department of Environmental Quality) will be required to take one sample per month at those wells for 12 months upon notification from the Bureau.

Compliance Monitoring refers to free chlorine residual monitoring at or before the first customer either daily or continuously (depending on population), and keeping a record of the results on Monthly Operating Reports. Compliance monitoring requirements are based on population:

- Systems with population less than or equal to 3,300 - monitor and record the free chlorine residual at least once per day near each entry point with the well in service.
- Systems with population greater than 3,300 - continuously monitor free chlorine residual and record the lowest daily chlorine reading each day that the well was in service.

Monthly Operating Reports can be downloaded from the Bureau's website at: www.healthmys.com/watersupply (click on "Forms"). The Regional Engineer will review the reports each year during the annual inspection.

Ground Water Rule Sanitary Survey Requirements

The Ground Water Rule requires states to conduct sanitary surveys of all ground water systems which must include the evaluation of eight critical elements and the identification of significant deficiencies. The elements are:

- (1) source;
 - (2) treatment;
 - (3) distribution system;
 - (4) finished water storage;
 - (5) pumps, pump facilities, and controls;
 - (6) monitoring, reporting, and data verification;
 - (7) system management and operation; and
 - (8) operator compliance with state requirements
- Significant deficiencies cause, or have the potential to cause,

the introduction of contamination into water delivered to customers. This could include defects in design, operation, or maintenance of the source, treatment or distribution systems. They could also be represented by the failure or malfunction of those systems. An example of a source-related significant deficiency could be a well located near a source of fecal contamination (e.g., failing septic systems or a leaking sewer line) or in a flood zone.

The Rule requires states to conduct sanitary surveys at all community water system before December 2012 and all non-community systems before December 2014. The Bureau plans to begin conducting sanitary surveys in January 2010. All Community Water Systems will undergo a sanitary survey between January 2010 and December 2012. Non-Transient, non-community systems will be surveyed in 2013, and all transients will be surveyed in 2014.

Ground Water Rule Corrective Action Requirements

When a system has a significant deficiency or a fecal indicator-positive ground water source sample, the system must implement one or more of the following corrective actions:

1. correct all significant deficiencies (e.g., repairs to well pads and sanitary seals, repairs to piping tanks and treatment equipment, control of cross-connections);
2. provide an alternate source of water (e.g., new well, connection to another PWS);
3. eliminate the source of contamination (e.g., remove point sources, relocate pipelines and waste disposal, redirect drainage or run-off, provide or fix existing fencing or housing of the wellhead); or
4. provide treatment that reliably achieves at least 4-log treatment of viruses (using inactivation, removal, or a state-approved combination of 4-log virus inactivation and removal).

The system must correct fecal contamination and/or correct significant deficiencies within 120 days of notification, or enter into a compliance agreement with the Bureau to correct the problem within an agreed-upon time frame.

Ground Water Rule Violations and Public Notification Requirements

Treatment Technique violations require a public notice within 30 days and include:

1. Failure to correct a significant deficiency within 120 days of notification; OR failure to be in compliance with a State-approved compliance plan.
2. Failure to correct source water fecal contamination within 120 days of a positive E.coli well sample.
3. Failure to meet the minimum chlorine residual for more than 4 hours with pumps running.

Public Notice violations include:

- (A) Failure to issue a boil water notice within 24 hours of notification of an E.coli positive routine TCR sample
- (B) Failure to notify the public of a Treatment Technique violation

Monitoring violations include:

1. Failure to take grab samples every 4 hours if the continuous monitor is offline
2. Failure to repair/replace the monitor within 14 days
3. Failure to take a source sample following a TCR positive

More information such as the Final Ground Water Rule (November 2006) and EPA's guidance can be viewed at: www.epa.gov/ogwdw000/disinfection/gwr/basicinformation.html.

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