

Maine Groundwater Newsletter

"Keeping you in the Flow"

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What's Inside

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NGWA Expo pages 4 & 5

Commission Minutes pages 6, 7, 8 & 9

New MGWA Web Site page 12

MGWA newsletter, Sept. 2011 Edition



Tim Doyle was a presenter at a previous Safety Meeting. This year's Annual Safety Meeting will be held Oct. 10 in Waterville. A speaker from the DEP will be discussing new erosion control issues and licensing that will go into effect soon. See page 3 for sign up form.

Mark Your Calendars

Here are the dates which have been set for various meetings. All are subject to change.

MGWA Director's are usually the second Monday of each month. They are at The Grand Hotel, 375 Main St. (Exit 130 off Rte.95), Waterville. The next regular meeting will be September 12 and the Annual Safety Meeting on Oct. 10

The Commission will be meeting on Oct. 4 and Nov. 1. They are held at 286 Water Street, Key Bank Plaza, in Augusta.

The NGWA Convention will be Nov. 29 - Dec. 2 in Las Vegas.

For questions on Commission business call Dave Braley at 207-441-5324

To send information for this newsletter or to make inquiries: Contact lke or Jody Goodwin: Call - 225-2020, Fax - 224-7174, Email to jodyike@megalink.net

What to do in the event of water well flooding

The National Groundwater Association issued this press release to provide information to those affected by Hurricane Irene

WESTERVILLE, OH — August 24 - With Hurricane Irene on the way and water well flooding a real possibility in areas of the East Coast, household water well owners should know what to do in the event their wells get flooded, the National Ground Water Association said today.

An obvious concern is that floodwater loaded with bacteria, chemicals, or other pollutants may have gotten into the well, said Cliff Treyens, NGWA public awareness director.

A less obvious concern is electrical shock if a nonsubmersible pump or any part of the well electrical system is flooded.

After a flood one should:

- 1. Stay away from the well pump while it's flooded to avoid electrical shock
- 2. Not drink the water from the well or use it for washing to avoid becoming sick
- **3**. Get help from a qualified water well contractor or pump installer to:
- *Clean and turn on the pump
- *Flush the well
- *Disinfect the well
- *Perform any other necessary maintenance.

As water wells are specialized systems that require knowledge and expertise to repair and disinfect, use bottled water or boil your water until a qualified water well system contractor can check out your well system, Treyens said.

Check with local health or environmental health authorities about other substances to test in well water fol-

lowing a flood, as

Please see Flood on page 3

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FYI: Hearing to be held

The Maine Water Well Commission has set a Public Hearing on the Geothermal Rules for September 23rd, at 9:00 a.m. in the 3rd Floor Conference Room at the Key Bank Building on Water Street in Augusta.

Flood, continued from page 2

there may be pollutants of local concern. Use a qualified drinking water testing lab to advise you on how the sample should be taken to analyze the results, Treyens said.

Learn more about water testing and water well maintenance by visiting www.wellowner.org.

NGWA, a nonprofit organization composed of U.S. and international groundwater professionals — contractors, equipment manufacturers, suppliers, scientists, and engineers — is dedicated to advancing groundwater knowledge.

Maine Ground Water Association Safety Meeting & Workshop

Grand Hotel, 375 Main St., Waterville, ME Monday, October 10, 2011

6 p.m. Dinner

7 p.m. Workshop – D.E.P. - Will be speaking on the new erosion control issues and licensing that will be going into effect in the near future.

You must RSVP by October 3, 2011 with a check and form below.

Company		
Phone		
Number	x \$15.00 =	

RSVP to: Pat Pratt, MGWA, 280 Litchfield Road, Bowdoin, ME 04287



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Viva Las Vegas! NGWA Expo Nov. 29-Dec.2

WESTERVILLE, OH — July 20, 2011 - The 2011 Ground Water Expo and Annual Meeting is heading to Las Vegas for the second consecutive year November 29-December 2 following a record-breaking run in 2010, the National Ground Water Association announced today.

NGWA Executive Director Kevin B.
McCray, CAE, said the upcoming 63rd Ground
Water Expo and Annual Meeting is building
upon the 2010 program that produced:

- •First in number of exhibiting companies and organizations (321)
- ·Fourth largest number of suppliers (671)
- ·Fifth largest number of contractors (2,345)
- •Fifth largest number of scientists and engineers (483)
- ·Thirty-six countries represented



MGWA's Secretary Pat Pratt, Rodney Pratt and Past President Barry Sandford at the NGWA Expo in Las Vegas.

- ·Eighty-plus hours of continuing education.
- "Our industry defied the odds last year by

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Viva Las Vegas! continued from page 4

turning out in large numbers for one of our biggest and best events ever. Our goal this year is to do even better with outstanding exhibiting, networking, and educational opportunities," McCray said.

"We have an outstanding cadre of professionals across divisions whose resiliency and drive — even in difficult economic times — makes the Expo a premier, must-see event," he added.

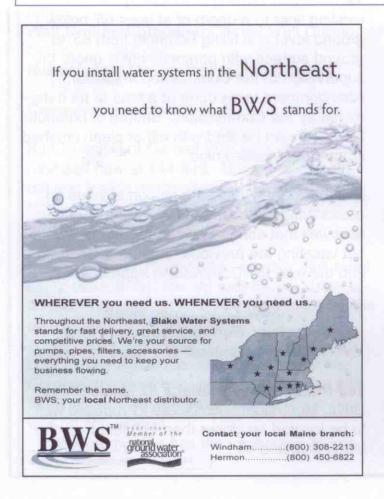
Exhibit information can be found at www.groundwaterexpo.com/exhibitors.

Educational programs are scheduled all four days. Increased emphasis on business management is being showcased for all major industry professions and businesses, as well as groundwater sustainability and availability.

Half-day workshops are scheduled for Friday morning and will address geothermal operations, bidding and estimating, and department of transportation compliance.

To learn more about the event as well as registering for, or exhibiting at, the NGWA Ground Water Expo and Annual Meeting, visit www.groundwaterexpo.com.

NGWA, a nonprofit organization composed of U.S. and international groundwater professionals — contractors, equipment manufacturers, suppliers, scientists, and engineers — is dedicated to advancing groundwater knowledge. NGWA's vision is to be the leading groundwater association that advocates the responsible development, management, and use of water.





Water Well Commission Minutes for June

MAINE WATER WELL COMMISSION Minutes of June 7, 2011 Meeting

Members Present: Ed Bowie, Chairman; Tom Weddle, MGS; David Braley, DHHS; Ike Goodwin, well driller; Don Robbins, public member; Dwight Doughty, DOT; and Joe Gallant, well driller.

Others Present: Paul Gauvreau, AAG; Karl Rudnicki, well driller; Suzan Rudnicki, well driller; Kimberly Haller, homeowner; Karl Haller, homeowner and Jessica Bishop, board clerk.

Call to Order: The meeting was called to order at 9:03 a.m.

Approval of March 14 meeting minutes: Dwight Doughty motions to approve the May 3, 2011 minutes. Tom Weddle 2nd the motion. Commission approves.

Pending Complaints:

Complaint received from: Karl & Kimberly Haller.

Allegation: Sediment entering the well and fouling filters and other equipment in their home.

Well Drilling Company: Carmel Well Drilling Company

Responsible Master Driller: Karl Rudnicki

Commission action: Karl Rudnicki of Carmel Well Drilling asked to have the option of drilling a new well instead of completing all the steps of the corrective order and then having to drill a new well as he believed that once he removed the liner from the well, that it would collapse.

Discussion:

1. Location: Agreed to have public member from Commission, Don Robbins, to meet the Haller's and Karl to determine location of well and septic system and see if there is a need for setback reduction requirements form before drilling. Don will arrange date and time for this meeting by the end of next week. Don will con-

firm dates for drilling.

- David will be available to talk to Haller's during work.
- **3.** Driller must contact Dig Safe prior to doing work, at least three days in advance.
- 4. Not all companies go through Dig Safe so will need to contact any that do not as well.
- **5.** Carmel Well is responsible for arranging and costs associated with the trench.
- **6.** Well drilled will yield and have depth that meets or exceeds recommended minimums stated in chapter 4.
- 7. Well will not be drilled beyond 304' to avoid salt water.
- **8.** Move the pump to new well and a liner slotted shall be installed in well at Carmel's expense if needed.
- 9. Commission will take final water test.
- **10.** Well is to be completed by July 1st with exception of abandonment.
- **11.** All communication between Carmel Well & the Haller's to go through David.
- 12. Abandon existing borehole by remaining existing liner to a depth of at least 65' below ground level and filling borehole from 65' to ground surface with bentonite chips under the supervision of the Commission Inspector.

 Abandonment to be done at a time to be determined by the Commission. Bottom of borehole below 65' can be filed with either clean crushed stone or bentonite chips.

Dwight Doughty makes a motion to issue an authorization to Carmel Well Drilling to drill a new well that complies with the list above without vacating the previous order. Ike Goodwin 2nd the motion. Commission approves.

New Complaints: None.
Specialty Well Applications: None.
Specialty Well Applications done "in House"

Ted Rolfe: Laurel Rouillard, 82 Maple Ridge Drive, Monmouth, ME. 04259 - Proposed well to be located no closer then 100 feet from the leach field and 40

Please see Commission on page 8

Water Well Commission Minutes for July

MAINE WATER WELL COMMISSION Minutes of July 25, 2011 Meeting

Members Present: Ed Bowie, Chairman; David Braley, DHHS; Ike Goodwin, well driller; Don Robbins, public member; Dwight Doughty, DOT; and Joe Gallant, well driller.

Others Present: Karl Rudnicki, well driller; Kimberly Haller, homeowner and Jessica Bishop, board clerk.

Call to Order: The meeting was called to order at 9:10 a.m.

Approval of June 7, 2011 meeting minutes: Don Robbins motions to approve the June 7, 2011 minutes. Dwight Doughty 2nd the motion. Commission approves.

Pending Complaints:

Complaint received from: Karl & Kimberly Haller.

Allegation: Sediment entering the well and fouling filters and other equipment in their home.

Well Drilling Company: Carmel Well Drilling Company

Responsible Master Driller: Karl Rudnicki

Commission action:

Karl Rudnicki of Carmel Well Drilling drilled a new well now at 144 feet. David Braley went out and took a water sample. It was crystal clear while taking it and was still clear when it arrived at the lab.

Kimberly Haller, homeowner, came to this meeting to request that the old well not be abandoned. The Commission had long deliberations on the issue of abandonment.

It was discussed that at the meeting last month, both parties agreed to abandonment and the Commission went through the twelve points many times. The agreement was that the old well be abandoned.

The Commission has the consensus to keep

the previous order. Kimberly Haller agrees to the abandonment provided that a state inspector or member of the Commission is present during the abandonment. Also, she would like to be informed of the date ahead of time.

Dwight Doughty makes a motion that the Commission continues with the order and that the abandonment must be done by Friday August 12th. Ike Goodwin 2nd the motion. Commission approves.

Ike Goodwin moves to order that Karl Rudnicki informs David Braley by this Friday July 29th by 5 p.m. of two days that he could possibly abandon the well. Don Robbins 2nd the motion. Commission approves.

New Complaints:

Complaint received from: Ron Poulin Allegation: Ferrous smell. Ph of 5.5. Iron and manganese level high. Acidic water probably coming in from the surface. Water gushing in below the casing.

Well Drilling Company: James Philbrick Well Drilling

Responsible Master Driller: James Philbrick

Commission action:

Ike Goodwin recused himself and was present for information only.

Commission received information about the allegation of the complaint.

Driller needs to be notified of the complaint and that it will be discussed at the August 17th meeting.

Specialty Well Applications: None Specialty Well Applications done "in House" None

Exams requested:

Don Robbins makes a motion to accept Jody Larrivee's Master Pump Installer examination application and sit for the exam pending that his past employer has a license. Dwight Doughty 2nd the motion.

Please see Commission on page 9

Commission, continued from page 6

feet from septic tank on property and no closer than 100 feet from neighbor's leach field and 40 feet from the neighbor's septic tank.

Proposed well to have a minimun of 70 feet of 6 inch steel casing sealed into bedrock or as an alternative, a minimun of 20 feet of 6 inch steel casing shall be sealed into bedrock with a solid 4 inch liner installed with top and bottom jaswell type steel core seals with bottom seal a minumum of 70 feet below grade and top seal up inside 6 inch steel well casing. Bottom and top seals shall be water tight.

Thomas Mason: Russell Crosby, 231 Highland Ave. Greenville, ME. 04441- Proposed well to be located no closer then 87 feet from the leach field and 47 feet from septic tank on property.

Proposed well to have a minimun of 70 feet of 6 inch steel casing sealed into bedrock or as an alternative, a minimun of 20 feet of 6 inch steel casing shall be sealed into bedrock with a solid 4 inch liner installed with top and bottom jaswell type steel core seals with bottom seal a minumum of 70 feet below grade and top seal up inside 6 inch steel well casing. Bottom and top seals shall be water tight.

Exams requested: None Examinations Passed:

Ronald E Frost: Passed Master Pump Installer's Exam.

New Business:

A letter will need to be sent out to all pump installers explaining what they need to do in order to get their open loop endorsements. The letter also needs to explain that they do not qualify for closed loop endorsements. Along with the letter, the pump installers will be sent a copy of the application with a copy of the rules they need to study for the open loop exam.

Gary Adams would like to have a waiver for someone to be an apprentice for only the summer and then set for the journeyman exam. In order to do this, he would have to have a member of legislature submit a bill for this person to be able to do this. Gary Adams has contacted

Representative Guerin's office who has called to let the Commission know of being contacted but the office was not sure what needed to happen. David Braley will contact Representative Guerin's office to explain the situation and what would be required.

Geo-Thermal:

Pump Installers may get the open loop endorsements, but not under grandfathering. They will need to take the open loop exam in order to receive the endorsement. Pump installers do not need a closed loop endorsement as only a well driller may install loops. Letters will be going out explaining what happened and what to do.

The next Well Drillers Meeting will be: Tuesday September 6, 2011, at 9:00, Key Bank, 286 Water Street, Augusta ME.

Meeting Adjourned 12:08 p.m.



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Commission, continued from page 7

Commission approves. Passed.

Ike Goodwin excused himself from voting as Jody Larrivee works for Goodwin Well & Water.

Examinations Passed: None. New Business:

Commission Clerk asks for clarification when it comes to geothermal only and also closed loop geothermal endorsements. The Commission discussed it and decided that it was the well driller's responsibility to have a copy of his or her IGSHPA card with accreditation and expiration date or contact IGSHPA for a letter that states the expiration date. It is really not the responsibility of the Commission clerk to contact IGSHPA for a driller's IGSHPA accreditation and expiration date.

To try to make the renewal process easier, the Commission clerk plans on putting each driller's IGSHPA expiration date on his or her renewal form. That way, only those that have or will expire before the renewal date will have to prove IGSHPA certification. Those that do not expire at that time, will simply be able to renew by filling out the form and sending in a check as in previous years.

Geo-Thermal:

Pump Installers may get the open loop endorsements, but not under the grandfathering. They will need to take the open loop exam in order to receive the endorsement. Exams are ready and are provided at no cost to the pump installer.

There is no exclusion for a master plumber when it comes to geothermal wells only drinking water wells.

The next Well Drillers Meeting will be: Wednesday, August 17, 2011, 2011, at 9:00, Key Bank, 286 Water Street, Augusta ME. Meeting Adjourned 12:08 p.m.



Maine Ground Water Association Web Site Information Sheet

Company Name:	egodia proportional de la companya d	a sul o		
Owner(s) Names:				- 2000 F
Address:	relegable pro estadas Completes de la secondadas Sona destruir de la secondadas			
City:	State		Zip Code:	para biran
Telephone	Total back and a second of	of THE D	Heralita a utilizadi. Heralita e sin	Para Indiana I Lia Vinda
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Please give a brief description	n of what your company	does (we	ell drilling, pumps	, filtration):

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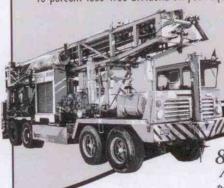
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New MGWA Web Site Almost Ready

mainegroundwater.org

The attached sheet (please see page 10 of this newsletter) needs to be filled out by every MGWA member, in order to be listed on our website.

Some of you received these at the Spring Demo and they have been mailed to the remaining members. Please feel free to use the form in the newsletter if you did not receive one in the mail. You only have one week left if you want your information included!

The web site is going to be mainegroundwater.org.

Please call me with any questions.

I need the sheet to be mailed,
faxed or emailed to me, for your
company to be listed on The Maine
Ground Water Association's Web
Site. Thanks,

Susan Smith
68 Phinney Street
Gorham, ME 04038
207-839-3293
207-839-5863 Fax
hansenwell@maine.rr.com

This newsletter is funded by the Maine Groundwater Association through member dues and advertising. Any member of the Association wishing to receive a newsletter may contact the president or treasurer of the Association listed on the front of the newsletter.

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NGWA Expo

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Mark Your Calendars!



Maine Groundwater Assoc. 280 Litchfield Road Bowdoin, Maine 04287