



Maine Groundwater Newsletter

“Keeping you in the Flow”

Officers:
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622-4018
VP: Mark Weeks
465-3753
Treasurer: Ike Goodwin:
225-2020
Secretary: Pat Pratt:
666-5687
Past President: Ted
McLeod: 848-5520

Directors
Term expiring 2011:
Richard Burns-
778-3813
Harry Hanscom -
825-4983
Trevor Gould:
234-2889
Term expiring 2012:
Jim Innis - 942-5646
Susan Smith - 839-3293
Joe Gallant - 839-3030

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MGWA's Pat Pratt Elected as Vice President for NEWWA

The New England Water Well Association has elected Officers for 2012. They are President Steve Schwed, Thunder Well Drilling, NH; Vice-President Pat Pratt, C & R Well Drilling, Maine; Secretary George Sima, Sima Well Drilling, Connecticut; and Treasurer Dick Hatten, Grundfos Pumps, Massachusetts.



The NEWWA fall meeting was held on October 1 at the marriott Courtyard in Fitchburg, Mass. The 2012 Spring Expo will be held on March 30th and 31st, 2012 at the marriott Courtyard in Fitchburg as well. The Spring Expo benefits all New England States and the State of New York. The profit that is made from all sales is divided among the states. The MGWA will receive \$2,500 from NEWWA

Please see Pratt on page 3

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 meetings will be November 14 and December 12.

The Commission will be meeting on Nov. 1 and Dec. 6. 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

MGWA Director's Minutes for October

Maine Ground Water Association
Director's Meeting
October 10, 2011
Water Grand Hotel
Waterville, ME

The meeting was called to order at 6:20 p.m. by President Ted Rolfe with the following present: Rodney Pratt, Pat Pratt, Richard Burns, Susan Smith, Ted McLeod, Jim Innis and Ike Goodwin.

A motion to approve the Minutes of the June 13, 2011 Director's Meeting was made by Ted McLeod and seconded by Jim Innis and was unanimously approved.

A motion to approve the October 10, 2011 Treasurer's Report was made by Ted McLeod and seconded by Jim Innis and was unanimously approved.

Membership Applications: None.

Legislative Committee: Ike Goodwin reported the Public Hearing was held on September 13, 2011. The hearing went well with a few discussions that will be reviewed by the Maine Water Well Commission along with any written objections or comments that are received within 15 days of the hearing. Ike will try and get the date for the grandfathering deadline for the newsletter.

President Ted Rolfe appointed Rodney Pratt, Susan Smith and Joe Gallant to join him on the Legislative Committee. The Legislative Committee will be reviewing the Maine Water Well Commission's Staff Review of Specialty Well Applications forms to make it uniform for all Specialty Wells and help move the approval quicker.

Educational Committee: Ted Rolfe reported that the reason the Safety Meeting was canceled was that at the last minute DEP personnel informed him that it was a holiday and state workers do not work after hours. The subject of erosion control will be explored as a possible subject of the Annual Meeting on January 7, 2012.

Web Site Committee: Susan reported that the Maine Ground Water Web Site is up and running, it still needs some work. If you have any suggestions please let her know. The web site address is "mainegroundwater.org".

New Business: President Rolfe appointed Ted McLeod and Jim Innis to the Nominating Committee for officers for 2012. President Rolfe appointed Ike Goodwin, Rodney Pratt and Pat Pratt as delegates to the National Ground Water Association in Las Vegas November 29 to December 2, 2011. There are still two more delegate appointments to fill.

Please see **Director's** on page 3.



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Delegates needed for NGWA Expo

If anyone is interested in being a Delegate at the NGWA Convention in Las Vegas please contact either Ted Rolfe or Pat Pratt for information. Their numbers are on the front of the newsletter.

Advertising Notice

If all the advertisers in the newsletter could take note. Your current advertising ends with the December issue of the newsletter.

New ads may be submitted in January for the beginning of the newsletter's new year with its February edition. Ads, in PDF form, may be emailed to jodyike@megalink.net.

Director's, continued from page 2

Pat Pratt reported that at the NEWWA meeting on October 1, 2011 that she and Rodney attended went very well. NEWWA will be sending a check for \$2,500 for Maine's share of the income from the 2011 Spring Expo.

A motion to adjourn was made by Ted McLeod and seconded by Ike Goodwin and was unanimously approved at 8:05 p.m.

Pratt, continued from page 1

as our share from the 2011 Spring Expo income; this income to each state helps state associations in the expenses toward educational projects such as MGWA's Spring Demo.

Up Coming Meetings:

Director's Meetings

November 14, 2011

December 12, 2011

Annual Meeting

January 7, 2012

NGWA Convention – Las Vegas

November 29 to December 2, 2011

NEWWA – Spring Demo

March 30 & 31, 2012

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MGWA Committee to Decide New Guidelines

President Ted Rolfe has appointed a committee to create a new set of guidelines for the Maine Water Well Commission to use when considering Specialty Well Applications.

Specialty Well Applications are an option that a well driller and prospective well owner can use to obtain permission to drill a well when the well cannot be constructed in conformance with the Rules of Well Construction. Most commonly, this procedure is used when the minimum set back distances from subsurface waste water disposal systems can not be met.

This guideline will be used by the Commission to determine how many feet of casing, or sealed liner, will be required to be installed in a well approved under the Specialty Well Application procedure. It will also be used to determine if the well casing should be grouted or not, or if other protective measures will

also be required. The Guideline will also recommend which applications should be considered "in-house" by Commission staff, with a quick turn around back to the driller, and which applications need to be held over for consideration by the Commission.

The Guideline will provide the Commission with a means by which they can assure that all Specialty Well Applications are acted on consistently. It will also provide a well driller and their customer with information on the likely requirements that will be placed on the well construction, if approved.

Currently, Specialty Well Applications may be considered for water supply wells. However, under the new proposed geothermal rules, the Specialty Well Application procedure will also be used for geothermal wells.

Ike Goodwin

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New MGWA Web Site Up and Running

The Web site is up and running but we are still working on it, according to Susan Smith who has undertaken the task for the MGWA.



Susan Smith

At this point you must type the web address as shown, to access it, the address is: maineground-water.org

For those of you that submitted your company information, please review your listing and email or fax any corrections.

If anyone has any old or current photos of meetings or outings, please email them to Susan.

Any ideas are welcome.

FYI

Final Notice Concerning Geothermal "Grandfathering"

Please note that the 180 day grandfathering period for geothermal license endorsements will expire on **Monday, November 21**.

There are no additional requirements for Journeyman or Master Well Drillers seeking open-loop endorsements, current IGSHPA certification is required for the closed-loop endorsement.

You must apply for the endorsements by November 21, 2011 to take advantage of grandfathering. Successfully completing an exam will be required after the grandfathering period ends.

Please contact Jessica Bishop, the Commission's clerk, at 287-5699 for more details.

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Water Well Commission Minutes for August

MAINE WATER WELL COMMISSION
Minutes of August 17, 2011 Meeting

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

Others Present: Paul Gauvreau, AAG; Frank Hegarty, pump installer; and Jessica Bishop, board clerk.

Call to Order: The meeting was called to order at 9:12 a.m.

Approval of July 25, 2011 meeting minutes: Dwight Doughty motions to approve the July 25, 2011 minutes. Ike Goodwin 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 arranged to have the old well abandoned. David Braley was on site at this time. The well was properly abandoned according to the Well Driller & Pump Installer's Rules.

Ike Goodwin moved that the Commission finds that corrective action has been completed and the appropriate violation points be applied and close the case. Dwight Doughty 2nd the motion. Commission approves. Passed.

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.

Driller has been sent notification by certified mail but no card has come back saying that he has received it. Board clerk will check on the delivery status of the letter and have it resent. If needed, will have it sent by the sheriff's department.

Complaint received from: Anonymous
Owner believed to be Albert Austin.

Allegation: Well drilled does not meet the minimum requirement of no closer than 100 feet to the leach field.

Well Drilling Company: Affordable Well Drilling

Responsible Master Driller: James Bisson

Commission action: Send letter to Affordable Well Drilling asking for more information on the well drilled at 283 Peace Pipe Shore, Litchfield, Maine.

Then send a notification letter to the homeowner about a possible violation to the Well Driller & Pump Installer Rules.

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

Ted McLeod Inc, Ted McLeod: Bill & Deane Brewer, Baballoon Road Piscataquis County Part of Lot # 3, on Plan 1, Tax Map P1003, Ebeemee Township, ME. 04414.

Proposed well to be located no closer then 80 feet from the leach field and 41 feet from septic tank on property.

Proposed well to have a minimum of 70 feet of 6 inch steel casing sealed into bedrock or as an alternative, a minimum 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 minimum of 70 feet below grade and top seal up inside 6 inch steel well casing. Bottom and top seals shall be water tight.

Please see **Commission** on page 8.

Water Well Commission Minutes for September

Members Present: Ed Bowie, Chairman; David Braley, DHHS; Ike Goodwin, well driller; Dwight Doughty, DOT; Joe Gallant, well driller; Don Robbins, public member; and Dan Locke, MGS. Others Present: Paul Gauvreau, AAG; Leon Perreault- Office Manager for Affordable Well Drilling; Barry Sanford, well driller; and Jessica Bishop, board clerk.

Call to Order: The meeting commenced immediately after the geothermal construction rules public hearing at 9 a.m.

Approval of September 23, 2011 meeting minutes: Don Robbins motions to approve the September 23, 2011 minutes as amended. Dwight Doughty 2nd the motion. Approved.

Pending 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

Fact Finding: There is communication between the two wells. It is not directly but there is communication. Goodwin Well and Water made three attempts to repair the well and could not.

Commission action: Ike Goodwin recused himself and was present for information only.

Don Robbins moves that the 1st well be video inspected and get lab results from both wells. The 1st well will need test BA. David Braley 2nd the motion. Commission approves. Passed.

Homeowner and driller both need to be notified of a date and time so that they may be present.

Complaint received from: Anonymous Owner is to be Cynthia Austin.

Allegation: Well Drilled does not meet the mini-

mum requirement of no closer than 100 feet to the leach field.

Well Drilling Company: Affordable Well Drilling

Responsible Master Driller: James Bisson

Commission action: Affordable Well Drilling will contact the homeowner to bring them up to speed.

David Braley will contact the homeowner about getting permission to go on-site and measure the distances.

Commission informed Affordable Well Drilling that a contract should not say that the homeowner is responsible for placement of well meeting all state and local codes. That is the responsibility of the driller.

New Complaints: None

Specialty Well Applications:

Wells Unlimited: Doug Wright: Don Robbins moves to approve Wells Unlimited, Inc specialty well application with the following conditions and point of facts; that the commission recognizes the potential of contaminant from the holding tank and road runoff, that we require the following conditions:

1. A minimum of 50 feet of casing with a minimum of 30 feet into bedrock
2. The annulus is grouted to the surface
3. Homeowners must verify that the well will not be in the State of Maine right of way
4. Wells Unlimited must notify the Commission 48 hours prior to grouting

The presence of the Saco River is a mitigating factor in the decision. Dwight Doughty 2nd. Commission approves. Passed.

Reilly Well Drilling: Paul Kelsey: If Reilly Well Drilling can get the 40 feet, that's what they are required to do.

Ike motions to approve the specialty well application with 120 feet of casing, grouted and an inspector on-site during grouting because it is the 1st specialty

Please see **Commission** on page 9

Commission, continued from page 6

Burns Inc, Richard Burns: Kelly Dexter, East Shore Road to Pine Point Road, New Vineyard, ME. 04956

Proposed well to be located no closer then 60 feet from the onsite tank and 55 feet from the onsite leach field.

Proposed well to have a minimum of 100 feet of 6 inch steel casing sealed into bedrock or as an alternative, a minimum 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 minimum of 100 feet below grade and top seal up inside 6 inch steel well casing. bottom and top seals shall be water tight.

Shannon Well Drilling: Patrick Ashley, 8 Loon Cove Road, Northfield, ME. 04654

Proposed well to be located no closer then 43 feet from leach field and 78 feet from the tank on the property.

Proposed well to have a minimum of 120 feet of 6 inch steel casing sealed into bedrock or as an alternative, a minimum 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 minimum of 120 feet below grade and top seal up inside 6 inch steel well casing. bottom and top seals shall be water tight.

Estey Water Wells Inc, Scott Estey: Rodney Lane, 99 Roosevelt Road, Island Falls, ME. 04747

Proposed well to be located no closer then 50 feet from leach field and 65 feet from the tank on the property.

Proposed well to have a minimum of 120 feet of 6 inch steel casing sealed into bedrock or as an alternative, a minimum 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 minimum of 120 feet below grade and top seal up inside 6 inch steel well casing. bottom and top seals shall be water tight.

Gallant's Artisian Wells, Peter Morton: Vivian Morissette, 14 Cottage Lane, Harpswell, ME. 04079.

Proposed well to be located no closer then 65 feet from the leach field and 40 feet from septic tank on property.

Proposed well to have a minimum of 70 feet of 6 inch steel casing sealed into bedrock or as an alternative, a minimum 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 minimum of 70 feet below grade and top seal up inside 6 inch steel well casing. Bottom and top seals shall be water tight.

Hansen's Well Drilling: David & Sandra Wilson, 15 Westview Road, chebeague Island, ME. 04107

Proposed well to be located no closer then 60 feet from the septic tank and 90 feet from the leach field on the property.

Please see **Commission** on page 10



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Commission, continued from page 7

well application that has been approved requiring grouting by Reilly Well Drilling. Don Robbins 2nd. Commission approves. Passed.

Board Clerk will call and find out if he can get more than 40 feet; he can submit a new application and application can be done “in house.”

Specialty Well Applications done “in House”
None

Exams requested:

Travis J Morton: Dwight Doughty moves that he be approved to sit for the Master Well Driller’s exam Don Robbins 2nd the motion. Commission approves. Passed.

Stephen B. Kelly Jr: Don Robbins moves that he be approved to sit for the Master Pump Installer’s exam provided proof that his Massachusetts license is current. Dwight

Doughty 2nd the motion. Commission approves. Passed.

Examinations Passed: None.

New Business:

Paul Gauvreau will continue working on drafting a policy for handling complaints.

David Braley will make a matrix for Specialty Well Applications that are under the distances allowed by in-house to better guide commission members. Maine Ground Water Association will be asked for their input on it.

David Braley will rewrite the standard wording for Specialty Well Applications to be confirmed at the next meeting.

Meeting Adjourned 12:27 p.m.

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Commission, continued from page 8

Proposed well to have 6 inch steel casing sealed into bedrock to a depth just above the first fresh water bearing fracture, with a minimum of 20 feet of casing. As an alternative, a minimum 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 just above fresh water fracture and top seal up inside 6 inch steel well casing. Both top and bottom seals shall be water tight.

David E Leunig, 164 Elm Acres, Smithfield, ME. 04978

Proposed well to be located no closer then 50 feet from the onsite tank and 56 feet from the onsite leach field. Also no closer than 60 feet from neighbor's tank and 70 feet from neighbor's leach field.

Proposed well to have a minimum of 100 feet of 6 inch steel casing sealed into bedrock or as an alternative, a minimum 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 minimum of 100 feet below grade and top seal up inside 6 inch steel well casing. bottom and top seals shall be water tight.

Exams requested:

Asa Jones: Ike Goodwin moves that he be approved to sit for both the Master Well Driller's exam and the Journeyman Pump Installer's exam. David Braley 2nd the motion. Commission approves. Passed.

Fred Perry: Ike Goodwin moves that he be approved to sit for the Master Pump Installer's exam. Dwight Doughty 2nd the motion. Commission approves. Passed.

Examinations Passed:

Thomas Mason passed his Master Well Driller's Exam.

Please see [Commission](#) on page 11.

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Commission, continued from page 10

Frank Hegarty passed his Master Well Driller's Exam.

New Business:

Frank Hegarty came to the meeting to express his thoughts on how a previous complaint was handled; and the Commission sought guidance from Paul Gauvreau on what would be the proper way to handle complaints.

A complaint must be in writing but can be anonymous.

E-mail can be used for informational purposes only. Any and all deliberations need to be done at a public forum.

Paul will work on drafting a policy for handling complaints.

Ike Goodwin makes a motion that all exams must be taken within one year of the approval of applications. Notice will be sent out to applicants with their approval letter. Joe Gallant 2nd the motion.

After discussion, Ike Goodwin moves that the motion be tabled until next meeting. David Braley 2nd the motion. Commission approves. Passed.

Geo-Thermal:

The public hearing for the geothermal construction rules will be held on Friday, September 23rd at 9 am at 286 Water Street, Augusta, ME., 3rd Floor conference room.

Meeting Adjourned 11:27 a.m.

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WILDEN MUD PUMPS & PARTS

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WELLMASTER

AlturnaMATS MUD-TRAKS

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Bit Sharpening & *HAMMER SERVICE!*

Status on New Geothermal Rules

The Maine Water Well Commission voted at their October meeting to approve the new geothermal construction rules with one change. The public hearing process resulted in only two comments on the proposed rule.

The first comments recommended that the set back of closed-loop geothermal wells from subsurface waste water leach fields be reduced further.

After significant discussion, this recommendation was rejected by the Commission.

The second comment recommended that a driller's log for closed-loop wells not be required to be sent to the Water Well Commission. The Rules had provided for the driller to provide the

owner with a copy of the log, send a copy to the Commission and retain a copy.

After discussion, the Commission decided to agree with the recommendation and delete the requirement that a copy of the log be sent to the Commission.

Because the Commission vote resulted in a change in the Rules, the Commission is required to resubmit them to the Governor's office for additional review before they can be implemented.

The Commission expects to take final action on the Rules, and determine the date of implementation at either their November or December meeting.

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Mark Your Calendars!
NGWA Expo
in Las Vegas
Nov. 29-Dec. 2

**Maine Groundwater Assoc.
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