



MAINE GROUNDWATER ASSOCIATION NEWSLETTER

MARCH 2017 EDITION

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MGWA Annual Meeting on February 28, 2017

What's Inside

MGWA Spring Demo & Annual Minutes
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Mark Your Calendars

MGWA Director's Meetings are held at The Best Western Plus in Waterville, ME at 6:00 pm. Meeting dates and places are subject to change. All are welcome and encouraged to attend.

Director's Meetings: April 10

Spring Demo: May 6, 2017 at Premier Pump, 14 Glenwood Street, Oakland, ME, coffee and donuts starting at 8:00 AM, 9:00 AM Solar Pumps, Demo on State of Maine On-line well logs, Drill bit uses

Well Driller's Commission Meetings: The Commission generally meets at 9:00A.M., the 2nd Wednesday of each month at 17 Elkins Lane in Augusta. For questions on Commission business call The Drinking Water Program at 207-287-2070 or David Braley at 207-441-5324 or visit the website at: <http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/wellDrillers.shtml>

National Ground Water Association: Groundwater Week December 5-7, 2017 Nashville, Tennessee More info at: <http://www.groundwaterweek.com/>

Find us on the Web at www.maine groundwater.org

Spring Demo Meeting Minutes from May 2016

Maine Ground Water Association General Meeting May 14, 2016 Weeks & Sons Fairfield, ME

The MGWA General Meeting was called to order by President Mark Weeks at 12:17pm, with a thank you to all suppliers for their continued generous donations.

A motion by Frank Hegarty to accept the minutes from the May 16, 2015 general meeting and seconded by Joe Gallant was unanimously approved.

Education Committee: If anyone has ideas for next year's spring demo, please contact any of the directors.

Legislative Committee: Joe Gallant spoke on behalf of the commission. There is a hold on the installation of domestic dual use wells that do not have an NSF approved heat exchange.

There is a proposed rule change to the plumber's code that will allow pump installers to install tanks.

We are looking for a sponsor for this rule change.

Other business: Dan Locke from the Maine Geological Survey spoke about the well logs. They are working on a system that will allow us to fill these out online. New members of their team include: Amber Whittaker, water well database and Christian Halsted, database application development.

Plaques were given out to recognize many years of service to our association:

Jack Brackett
Harry Hanscom
Pat Pratt
Rodney Pratt

A plaque was also given to our most recent past president, Joe Gallant.

A motion to adjourn at 12:55pm made by Ted McLeod and seconded by Mark Taplin was unanimously approved.



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Annual Minutes from February 2017

Maine Ground Water Association Annual Meeting Best Western Plus Waterville, ME February 27, 2017

The Annual Meeting was called to order by President Mark Weeks at 6:19 pm with the following present; Trevor Gould of H2O Well Drilling, Susan and Pat Smith of Hansen's Well Drilling, Inc., Frank Hegarty of Hegarty Plumbing and Heating, Scott Hodgdon and Tom Bowie of Hodgdon Well Service, Jim Innis of Innis Well Drilling, Ted McLeod of Ted McLeod Inc., Ross Deschaine of Sunco Pump & Well Drilling, Joe Gallant of Stan Hillock Well Drilling, Mark and Michelle Weeks of Weeks & Sons Well Drilling, Mark and Ronnie Taplin of Williams & Taplin, Inc. and Jake Coan of Premier Pump & Supply.

A motion made by Ted McLeod and seconded by Joe Gallant to approve the minutes of the January 5, 2016 Annual Meeting was unanimously approved.

A motion made by Ted McLeod and seconded by Frank Hegarty to approve the minutes of the May 14, 2016 General Meeting was unanimously approved.

A motion made by Ted McLeod and seconded by Frank Hegarty to approve the MGWA Annual 2016 Treasurer's Report was unanimously approved. Frank Hegarty and Ted McLeod reviewed the Annual Treasurer's book and found everything in order.

Old Business: There was a discussion of changing the membership classifications to allow Affiliate and Associate members to serve on the board. A motion made by Frank Hegarty and seconded by Joe Gallant to table this discussion was unanimously approved.

New Business: None

Legislative: None

A motion to nominate the following; for 2 year Directors, Trevor Gould, Ted McLeod and Mark Taplin made by Frank Hegarty and seconded by Mark Taplin was unanimously approved. Nominations from the floor were opened and hearing none, nominations were closed. A motion by Frank Hegarty and seconded by Trevor Gould to vote the following slate was unanimously approved; President Mark Weeks, Vice-President Frank Hegarty, Treasurer Susan Smith, Secretary Michelle Weeks, and two year Directors; Trevor Gould, Ted McLeod and Mark Taplin.

A motion to adjourn at 6:45pm made by Ted McLeod and seconded by Jim Innis was unanimously approved.



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Director's Minutes from January 2017

Maine Ground Water Association Director's Meeting February 27, 2017 Best Western Plus Waterville, ME

The MGWA Director's Meeting was called to order by President Mark Weeks at 6:47pm with the following present: Tom Bowie, Ross Deschaine, Joe Gallant, Trevor Gould, Frank Hegarty, Scott Hodgdon, Jim Innis, Ted McLeod, Pat Smith, Susan Smith, Mark Taplin, Ronnie Taplin, Michelle Weeks and Jake Coan.

A motion by Ted McLeod and seconded by Frank Hegarty to approve the November 7, 2016 Director's Meeting minutes was unanimously approved.

New Business: None

Old Business: None

Legislative Committee:
The Water Well Commission voted not to allow dual use domestic/geothermal wells. We are working

on getting information on proposed legislative acts for this year. The Maine Geological Survey is working on an online well data system. Well forms are required with each well drilled.

Membership applications: Associate - Jake Coan, Premier Pump
A motion made by Frank Hegarty and Trevor Gould to accept this application was unanimously approved.

Education Committee: Frank Hegarty and Scott Hodgdon volunteered to be on the committee for the Spring Demo. Some ideas were sonic drill and a biochemist to do a bacterial analysis. Possible dates are May 6 or May 20.

The next meetings are scheduled for March 20 and April 10.

A motion to adjourn at 8:05pm made by Frank Hegarty and seconded by Mark Taplin was unanimously approved.

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or Jim with any questions

Legislative Info

There are several bills that are currently before the legislature that can affect us. We need your help with these bills. We will be emailing updates or changes. We do not have a lobbyist hired. Also let us know if you find any other bills that aren't listed below. If you would like a copy of any of these bills please contact Michelle Weeks. Contact your local representatives and voice your concerns.

Please visit The State of Maine Legislative Website for these and any other potential bills at: <http://legislature.maine.gov/>

LD 930, HP 658, An Act to Protect Maine Families by Enhancing Well Water Regulation

Presented by Representative FREDETTE of Newport.

Public Hearing, March 30, 2017 at 1:00 pm at The Cross Building, Room 216. We would like as many drillers as possible to attend.

LD 454, HP 321, An Act to Ensure Safe Drinking Water for Families in Maine

Presented by Representative VACHON of Scarborough. Cosponsored by Representatives: ACKLEY

of Monmouth, COOPER of Yarmouth, President THIBODEAU of Waldo and Representatives: DENNO of Cumberland, GATTINE of Westbrook, HEAD of Bethel, HILLIARD of Belgrade, Senators: BELLOWS of Kennebec, LANGLEY of Hancock, VOLK of Cumberland.

LD 1001, HP 702, An Act to Promote Testing of Drinking Water for Maine Families

Presented by Representative BROOKS of Lewiston. Cosponsored by Representatives: BEEBE-CENTER of Rockland, CARDONE of Bangor, DEVIN of New-castle, HANDY of Lewiston, LAWRENCE of South Berwick, MELARAGNO of Auburn, SPEAR of South Thomaston, ZEIGLER of Montville.

LD 1040, HP 729, An Act Regarding Permitting under the Natural Resources Protection Act

Presented by Representative PICCHIOTTI of Fairfield. Cosponsored by Representatives: LOCKMAN of Amherst, SHERMAN of Hodgdon, TIMBERLAKE of Turner, WINSOR of Norway.

FYI...

- The New England Water Well Association supports our Association by giving back. In 2016 they donated \$4000 and in 2015 they donated \$2500. Thank a NEWWA Director for their time!
- If you would like a copy of the treasurer's report please contact Susan Smith.
- Joe Gallant's term is up at the Commission and he is not going to do another term.
- If you're interested in being on the Commission, please contact Joe Gallant, a MGWA board member or the Commission.
- Do you have an idea for our Spring Demo or Annual Meetings? Please contact a board member or email us.
- Is there an active or affiliate MGWA member that you think should be voted in as an Honorary Member? If so please contact a board member or email us.
- MGWA's Website: If you would like to be added or need changes on our website please contact us at info@mainegroundwater.org.
- The Maine Geological Survey Water Well Database is a tool that you can access for well information. It's located at: <http://www.maine.gov/dacf/mgs/pubs/digital/well.htm>

Commission Minutes from August 2016

Well Driller's Meeting

Date: Wednesday, August 10, 2016

Location: MGS 17 Elkins Lane, Augusta, ME

Attendees: Commission Members:

Dwight Doughty, Commission Chair
Daniel Locke, Hydrogeologist, Maine Geological Survey
David Braley, Hydrogeologist, MeCDC
Mike Otley, Public Member
Joe Gallant, Master Well Driller
Ike Goodwin, Master Well Driller
Frank Hegarty, Master Pump Installer
Julia Kimball, Commission Clerk
Legal Counsel, Deanna White, AAG

Guests:

David Philbrick- Independent Inspector
Amber Whittaker- Maine Geological Survey

Minutes prepared by: Julia Kimball

PROCEEDINGS:

Dwight Doughty - Meeting called to order at 9:09 a.m.

TOPIC: July 2016 Meeting

Motion: Mike motioned to approve the June minutes. Dan 2nd

Vote: Unanimous to approve.

TOPIC: Specialty Well Applications

A Specialty Well application was brought before the Commission by Goodwin Well and Water Inc. for 53 Kansas Shore Road, Bridgton, ME 04009. 120 ft from onsite leach field, 100 + ft from onsite tank. No closer than 65 ft from 1st neighbor's leach field. No closer than 60 ft from 1st neighbor's tank. No closer than 80 ft from 2nd neighbor's leach. No closer than 60 ft from 2nd neighbor's tank.

Motion: David motioned to approve. Frank 2nd.

Vote: Unanimous to approve. (Ike recused himself from voting due to personal involvement).

TOPIC: Other Business

David provided information he researched about DEP's rules in regards to open loop geothermal. Joe provided Commission members with materials from study between ANCI and CSA. Discussions continue. MGS has been working with prototype for online well log card service to provide Drillers with the option of filing well log cards online instead of the traditional paper method.

Frank discussed licensing regulations with Secretary of State in regards to out of state companies receiving licenses. Frank reports paperwork must be filed with Secretary of State for out of state companies to do business in the state of Maine. More investigation will be done into this matter.

TOPIC: Complaints: Tracy Sargent vs. John Perry of Clearwater Well Drilling.

David Philbrick presented the Commission with video of replacement well that Mr. Perry drilled to correct the lack of yield in the initial well. Video shows insufficient yield was measured at .035 gallons per minute. The replacement well is 25 feet from old well.

The Commission discussed the facts of this complaint. The facts are the following:

The Commission received a complaint from the Sargents. The Commission accepted the complaint and requested additional information from Mr. Perry including a contract for the well. Which he did not provide. Mr. Perry drilled the well and a separate company installed the pump. The initial water test submitted with the complaint showed e-coli bacteria from which the Commission determined a potential for significant threat to public health. Commission ordered the well to be inspected. Commission's independent inspector determined casing seal was leaking and allowing surface or near surface water to enter the well. The Commission ordered corrective action to repair leaking casing seal. Driller put new liner/seals.

Commission ordered 2nd inspection to determine if corrective action was done.

Corrective action was inspected and was found to be properly installed. Inspection took place on February 2, 2016.

At second inspection it was found that the well had insufficient yield.

Commission received on March 9, 2016 written communication from Mr. Perry saying he would drill a new well.

Mr. Perry and complainant agreed to continue to work to resolve yield

without Commission involvement

Mr. Perry installed replacement well.

Commission ordered inspection of replacement well. Inspection shows proper construction but shows insignificant yield of .035 gallons per minute. Mr. Perry said there was 1/2 gallon per minute yield. Commission wanted to make sure there was the said 1/2 gallon per minute yield. Due to lack of contract; yield standards for recommend yield will be followed.

Motion: Ike motions to approve fact finding. David 2nd.

Vote: Unanimous to approve.

Commission after Fact Finding discussed assessing violations.

A violation of **401.5** Casing extension into bedrock: It shall be the responsibility of the Water Well Contractor to install a sufficient length of well casing into bedrock, and to affect a proper seal in order to prevent surface water and shallow ground water from transmitting gravel, sand, silt, clay, and coliform bacteria into the wellbore at the bottom of the casing or anywhere along the length of the casing. The below requirements shall not preclude the use of additional protective measures if approved by the Commission." was found on the first well.

Motion: Ike motions to find violation of 401.5 of the first well. David 2nd.

Discussion: None

Vote: Unanimous to approve.

A violation was assessed based on a violation of **"300.1 General:** All work shall be performed in accordance with State and local regulations, and shall be performed with the customer's best interest as a primary goal." Mr. Perry violated 300.1 by lack of contract by performing a job over \$3000.

Motion: Ike motions to find violation of 300.1 for lack of a use of contract. Mike 2nd.

Vote: Unanimous to approve.

Motion: Joe motions to choose to invoke use of 207.1 **"207.1 Contracts and complaints:** In the absence of a written agreement, whose terms satisfactorily address water quality or water quantity, the Commission may apply any of the recommended practices established in these rules as the standard upon which to evaluate a complaint against a driller or pump installer related to the drilling of a water well or installation of a water pump." Ike 2nd.

Vote: Unanimous to approve.

Motion: David motions to find original well after corrective action completed had a yield determined by inspector of .13 gallons per minute which is less than the required by Commission yield 1.5 gallons per minute insufficient. Ike 2nd.

Vote: Unanimous to approve.

Motion: David motions using authority of 207.1 **"207.1 Contracts and complaints:** In the absence of a written agreement, whose terms satisfactorily address water quality or water quantity, the Commission may apply any of the recommended practices established in these rules as the standard upon which to evaluate a complaint against a driller or pump installer related to the drilling of a water well or installation of a water pump." Both wells combined in violation of insufficient yield which is a violation of Table 407.1: Table 407.1

Recommended minimum recovery rates

Well Depth (Feet)	Recovery rates (GPM)
75	5
110	4
160	3
250	2
320	1
420	1/2

Frank 2nd.

Vote: Unanimous to approve

Continued on Page 7

Commission Minutes from September 2016

Well Driller's Meeting

Date: **Wednesday, September 14, 2016**

Location: **MGS 17 Elkins Lane, Augusta, ME**

Attendees: Commission Members:

Daniel Locke, Hydrogeologist, Maine Geological Survey

David Braley, Hydrogeologist, MeCDC

Mike Otley, Public Member

Joe Gallant, Master Well Driller

Ike Goodwin, Master Well Driller

Frank Hegarty, Master Pump Installer

Julia Kimball, Commission Clerk

Legal Counsel, Deanna White, AAG

Excused: Dwight Doughty, Commission Chair

Minutes prepared by: Julia Kimball

PROCEEDINGS:

David Braley - Meeting called to order at 9:10 a.m.

TOPIC: August 2016 Meeting

Motion: Ike motioned to approve the June minutes with amendment to "Other Business section". Correction to include section "*Frank discussed licensing regulations with Secretary of State in regards to out of state companies receiving licenses. Frank reports paperwork must be filed with Secretary of State for out of state companies to receive a well drilling or pump installer company license. More investigation will be done into this matter.*" Correction will be made to "...in regards to out of state companies receiving licenses" and should rather be phrased "...regards to out of state companies doing business in Maine".

Dan 2nd

Vote: Unanimous to approve amended minutes.

TOPIC: Specialty Well Applications

None

TOPIC: Other Business

Open Loop Geothermal: David has continued to speak with DEP in regards to open loop geothermal dual purpose wells. DEP does not have concerns until ground water is contaminated. The Commission is working toward education and awareness for homeowners with an open loop geothermal dual purpose well. Discussion on exact action continues.

Well Log Cards Online: Dan updated Commission with progress of developing online service to fill out well log cards. Asked Commission if they believe changing the well log cards and adding certain criteria would be useful.

TOPIC: Complaints: Tracy Sargent vs. John Perry of Clearwater Well Drilling.

At the August meeting the Commission ordered Mr. Perry to complete corrective action in the Sargent well to meet recommended recovery rate standards. The Commission gave Mr. Perry till September 9th, 2016 to complete corrective action and submit in writing the corrective action that was performed. His written submission was received September 8. In the submission Mr. Perry states he drilled to 725 feet. Mr. Perry also states in his letter that the gallons per minute of the well is 1 gallon per minute. Commission will be sending David Philbrick to inspect corrective action that was performed.

Patricia Jandreau vs John Perry of Clear Water Well Drilling Standard letter was sent to Mr. Perry in regards to this complaint in August. Mr. Perry signed for certified mail but did not provide requested documentation.

Nancy Johnson vs Dan Woodsome of Woodsome Well Drilling Ms. Johnson filed a complaint against Mr. Woodsome on August 8, 2016. Commission sent the standard complaint letter to Mr. Woodsome as certified mail. Mr. Woodsome failed to sign for the letter and was returned to the Commission. A second attempt to contact Mr. Woodsome will be made by first class mail on September 15, 2016.

11:45: Mike motioned to adjourn, 2nd by Ike, approved unanimously

Next Meeting: October 12, 2016 MGS 17 Elkins Lane, Augusta, Maine 9:00 A.M.

Continued from Page 6

Motion: Frank motions to order Mr. Perry to perform corrective action by providing a well or wells that meet or exceed the standards of Table 407.1 at no cost to the complainant by or before September 9, 2016. David 2nd.

Vote: Unanimous to approved.

Patricia Jandreau vs John Perry of Clear Water Well Drilling

Standard letter will be sent to Mr. Perry and Ms. Jandreau Towle asking for more information regarding this complaint.


Nancy Johnson vs Dan Woodsome of Woodsome Well Drilling

Ms. Johnson has filed a complaint against Dan Woodsome of Woodsome well drilling for lack of documentation for services provided (no contract or invoice was given to Ms. Johnson). Ms. Johnson has tried many times to contact Mr. Woodsome to come back to her property and repair her holding tank which is leaking along her water pressure. Mr. Woodsome said he would come assess the situation. When Mr. Woodsome came to fix issues Ms. Johnson says the mesh was torn out of the sink faucet. Since Mr. Woodsome's second visit to Ms. Johnson he has failed to return calls and has not come back to fix said issues. Commission will be sending standard letter to Mr. Woodsome and Ms. Johnson requesting more information based on this complaint.

12:10: David motioned to adjourn, 2nd by Mike, approved unanimously


Next Meeting: September 14, 2016 MGS 17 Elkins Lane, Augusta, Maine 9:00 A.M.

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Commission Minutes from October 2016

Well Driller's Meeting

Date: Wednesday, October 12, 2016

Location: MGS 17 Elkins Lane, Augusta, ME

Attendees: Commission Members:

Daniel Locke, Hydrogeologist, Maine Geological Survey
David Braley, Hydrogeologist, MeCDC
Mike Otley, Public Member
Joe Gallant, Master Well Driller
Ike Goodwin, Master Well Driller
Frank Hegarty, Master Pump Installer
Julia Kimball, Commission Clerk
Legal Counsel, Deanna White, AAG
Guests:
Travis Morton, Gallant Artesian Well Company
Peter Morton, Gallant Artesian Well Company

Minutes prepared by: Julia Kimball

PROCEEDINGS:

Dwight Doughty - Meeting called to order at 9:02 a.m.

TOPIC: September 2016 Meeting

Motion: Ike motioned to approve the September minutes. Joe 2nd.

Vote: Unanimous to approve minutes. (Dwight abstained due to absence in September)

TOPIC: Specialty Well Applications

A Specialty Well application was brought before the Commission by Clearwater Artesian Well Company for 225 Parsons Point Road Acton, ME. 20 feet from onsite leach field, 20 feet from onsite tank. No closer than 75 feet from the 1st neighbor's leach field and no closer than 75 feet from 1st neighbor's onsite tank. No closer than 75 feet from 2nd neighbor's tank and no closer than 75 feet from the 2nd neighbor's leach field.

The well is approved with a minimum of 120 feet of casing with a 10 inch borehole grouted bottom to top.

Motion: Joe motioned to accept the application with the amendment that a Commission designee be there to inspect the well. Ike 2nd.

Discussion: None

Vote: Unanimous to approve.

TOPIC: Complaints:

Ronald Gonyou vs Gallants Artesian Wells Inc

The Commission received a complaint from Mr. Gonyou alleging that his wells that were drilled collapsed. Gallants Artesian Well Inc did not install the pumps placed in the wells. Well log and invoices were provided to Commission by Gallant Artesian Well Inc for work performed.

Motion: David motions that there is not enough evidence to warrant further investigation. Mike 2nd.

Vote: Motion carries

Tracy Sargent vs. John Perry of Clearwater Well Drilling

The Commission reviewed the inspection report for the work performed on the Sargent well. Mr. Perry drilled down to 725 feet. From the inspection report the recovery rate is .3 GPM. The pump being used to measure the recovery rate was unable to reach the minimum 420 feet in the well. A letter will be written to both homeowner and driller to inform them of a new inspection.

Motion: Ike motions to have Dave go back to pump well down to 420 feet along with authorization to acquire proper equipment to do so. Joe 2nd.

Vote: Unanimous to approve.

Patricia Jandreau vs John Perry of Clear Water Well Drilling

The Commission received the requested lab results from a State of Maine approved environmental testing lab. Ike motioned to find facts.

Facts found: Water presents high arsenic, iron, manganese.

No coliform, e-coli, or nitrate/nitrite.

All of which point to the natural water quality of water causing the issue rather than the well construction.

Motion: David motions to not accept complaint, it is not worthy of further investigation based on finding of facts. Dan 2nd.

Vote: Motion carries

Nancy Johnson vs Dan Woodsome of Woodsome Well Drilling

Mr. Woodsome was sent a 2nd notification that the Commission had received a complaint against Woodsome Well Drilling. Mr. Woodsome did not respond.

Motion: Ike motions finding of fact

Finding of Fact:

Nancy Johnson filed complaint on August 8, 2016 with the Commission. Commission notified Mr. Woodsome of complaint August 12, 2016 requesting information, a response within 14 days of written notice, and his presence at the September 14th meeting per Section 900.1 of the Well Driller and Pump Installer rules.

Commission sent a second request for information on complaint received.

The second request was for information concerning the Ms. Johnson complaint. Information and response within 14 days was required per Section 900.1 Well Driller and Pump Installers rules. Mr. Woodsome's presence was requested at the October 12, 2016 meeting. Mr. Woodsome did not respond within 14 days of second notification.

Motion: David motions to accept the Nancy Johnson complaint against Woodsome Well Drilling. Frank 2nd

Vote: Unanimous to approve

Motion: Ike motions to find violation of Section 900.1 for failure to reply to two notifications sent by Commission. Joe 2nd.

Vote: Unanimous to approve.

Motion: David motions to send inspector to Nancy Johnson's home to inspect work performed by Woodsome Well Drilling. Pump must be inspected. Joe 2nd.

Vote: Unanimous to approve

Motion: Mike motions to send letter to both parties of violations found at October 12, 2016 meeting. Frank 2nd.

Vote: Unanimous to approve

Ike left at this point in the meeting and did not vote on the follow matters.

Coleman complaint against D & M Well Company Inc.

The Commission received lab results from a State of Maine certified lab along with a water sample that was requested. The lab results show exceeding iron.

Motion: David motions information as presented does not present a problem with the well construction. Based on information provided no violations based on undrinkable water. Rules do not cover site excavation, or timeliness of work performed. However the Commission will continue to investigate the lack of documentation on the well. Frank 2nd

Vote: Unanimous to approve.

Charles Fowler complaint against A-Z Water Systems

Commission received complaint from Mr. Fowler concerning pump work, fracking, and lack of contract.

Motions: Frank motions to send standard request for information to A-Z Water Systems. Included in the request for information will require a list of everyone who performed work on this job. Joe 2nd.

Vote: Unanimous to approve

TOPIC: Other Business

Open Loop Geothermal: Joe reported from the Maine Groundwater Association that it was stated by MGA that they do not approve the use of unapproved materials in dual purpose open loop geothermal wells.

11:45: Mike motioned to adjourn, 2nd by Joe, approved unanimously

Next Meeting: November 9, 2016 MGS 17 Elkins Lane, Augusta, Maine 9:00 A.M.

Commission Minutes from November 2016

Well Driller's Meeting

Date: Wednesday, November 9, 2016
Location: MGS 17 Elkins Lane, Augusta, ME

Attendees: Commission Members:

Dwight Doughty, Hydrogeologist, DOT, Chairman
Daniel Locke, Hydrogeologist, Maine Geological Survey
David Braley, Hydrogeologist, MeCDC
Mike Otley, Public Member
Joe Gallant, Master Well Driller
Ike Goodwin, Master Well Driller
Frank Hegarty, Master Pump Installer
Julia Kimball, Commission Clerk
Legal Counsel, Deanna White, AAG
Guests:
David Philbrick

Minutes prepared by: Julia Kimball

PROCEEDINGS:

Dwight Doughty - Meeting called to order at 9:00 a.m.

TOPIC: October 2016 Meeting

Motion: Ike motioned to approve the October minutes with correction to wording concerning test results in the Jandreau Vs Clearwater Well Drilling complaint. Dan 2nd.

Vote: Unanimous to approve minutes with amendment.

TOPIC: Specialty Well Applications

A Specialty Well application was brought before the Commission by Lawrence Lord and Sons Inc. 47 feet from onsite leach field, 36 feet from onsite tank. No closer than 100 feet from the 1st neighbor's leach field and no closer than 100 feet from 1st neighbor's onsite tank. No closer than 100 feet from 2nd neighbor's tank and no closer than 100 feet from the 2nd neighbor's leach field. 30 feet from 2nd neighbor's well.

Motion: Joe motioned to accept the application with 120 feet of casing not requiring grouting but encourage grouting. Frank 2nd.

Discussion: None

Vote: Unanimous to approve.

A Specialty Well application was brought before the Commission by Cross Well and Pump Company. 38 feet from onsite leach field, 75 feet from onsite tank. No closer than 300 feet from the 1st neighbor's leach field and no closer than 50 feet from 1st neighbor's onsite tank. No closer than 70 feet from 2nd neighbor's tank and no closer than 300 feet from the 2nd neighbor's leach field.

Motion: David motions to approve 120 feet of casing with 10 inch borehole grouted bottom to top or if well can be located 40+ feet from leach field 120 feet of casing or liner and seals with grouting and 10 inch borehole not required. Approval is contingent upon homeowner signature and initials with complete application. Commission will be confirming who the driller is, this may require a witness from the Commission if grouting is required. Joe 2nd.

Vote: Unanimous to approve.

TOPIC: Complaints:

Tracy Sargent vs. John Perry of Clearwater Well Drilling

The inspector presented his findings for the Sargent well. The recovery was measured with new equipment at .47/gpm at all time intervals.

Motion: Mike motions that Mr. Perry has satisfied the minimum requirements for corrective action previously determined by the Commission within an acceptable margin of error.

Vote: Motion carries. For: Mike, Dwight, Ike, David, and Joe. Opposed: Frank

Motion: David motions to send letter to Mr. Perry that he has satisfied minimum requirements and that the Commission continues will consider penalties for violations previously found. Mr. Perry is encouraged to attend the December meeting. Frank 2nd.

Vote: Unanimous to approve.

Nancy Johnson vs Dan Woodsome of Woodsome Well Drilling

Independent inspector went to the Johnson residence and inspected work performed by Mr. Woodsome. He checked leak at water tank and found it to be a minor leak. No evidence of packing in water supply. Pump was verified to be new. Aerator clog was not an issue.

Motion: David motions after reviewing inspector report that the Commission found no further violations associated to Nancy Johnson's work that was performed by Mr. Woodsome. Mike 2nd.

Vote: Unanimous

David Kimball vs Dan Woodsome of Woodsome Well Drilling

Subsequent to the October 12, 2016 regular monthly meeting a written complaint was submitted to the Commission claiming that in February of 2016 Mr. Woodsome (licensee) was given a \$2500 deposit for work to be performed on Mr. Kimball's property. The licensee has allegedly cashed the deposit check but has not returned to perform the work agreed upon at the time of deposit. Notifications were sent on October 25, 2016 to Mr. Woodsome and Mr. Kimball confirming that the complaint was received, requesting information regarding the complaint from the licensee and that both parties were encouraged to attend the November 9, 2016 meeting.

Motion: Frank motions to table Kimball complaint. Joe 2nd.

Vote: Unanimous to approve.

Dan Woodsome of Woodsome Well Drilling

Motion: Mike motions to revoke Dan Woodsome's company well drilling and pump installer licenses, individual master well drilling and master pump installer licenses based on violation of Section 3 paragraph 2 of the binding consent agreement that was effective July 29, 2015. This violation of the Consent Agreement triggers Section 7 paragraph 3 of the Agreement which triggers immediate license revocation. The Consent Agreement was negotiated as the final resolution to several previous violations of the Well Drillers and Pump Installers Rules and required the licensee to avoid any further violations for a period of 24 months. The Commission found a violation of Section 900.1 at its October meeting. Joe 2nd.

Vote: Unanimous to approve

Catherine Coleman vs David Woodsome

Dan confirmed that David Woodsome did not file a well log card for work performed for the Catherine Coleman well.

Motion: Mike motions based on investigated David Woodsome did not file well log card with Maine Geological Survey is in violation of Section 901.1. Points will not be assessed. A reminder that it is a requirement to file well log cards with Maine Geological Survey in a timely manner will be sent to the licensee. Frank 2nd.

Vote: Unanimous to approve

Charles Fowler vs A-Z Water Systems

Ike recused himself for personal involvement.

Motion: Frank motions that Carl Levesque has not responded to the Commission request for information in regards to the complaint received which is a violation of Section 900.1. David 2nd.

Vote: Unanimous to approve with Ike recusing.

Motion: Frank motions to send letter to A-Z Water Systems notifying them of the violation of Section 900.1 and further investigation into violations will be discussed. He is strongly encouraged to attend. David 2nd

Vote: Unanimous to approve with Ike recusing.

Vote: Unanimous to approve

TOPIC: Other Business

Plumbers Examining Board

The Plumbers Examining Board is working on a statutory exemption for pump system installation work that occurs inside a structure and is subject to the requirements of the Internal Plumbing Code.

Open Loop Geothermal:

Frank brought the issue of Open Loop Geothermal dual purpose wells to the Maine Ground Water Association at their last regular meeting. He reported that MGWA determined that return water should not be disposed of in a potable water supply well and that all equipment must be NSF approved as required by the Internal Plumbing Code.

Continued on Page 11

Commission Minutes from December 2016

Well Driller's Meeting

Date: Wednesday, December 9, 2016

Location: MGS 17 Elkins Lane, Augusta, ME

Attendees: Commission Members:

Dwight Doughty, Hydrogeologist, DOT, Chairman
Daniel Locke, Hydrogeologist, Maine Geological Survey
David Braley, Hydrogeologist, MeCDC
Mike Otley, Public Member
Joe Gallant, Master Well Driller
Julia Kimball, Commission Clerk
Legal Counsel, Deanna White, AAG
Excused-
Ike Goodwin, Master Well Driller
Frank Hegarty, Master Pump Installer

Minutes prepared by: Julia Kimball

PROCEEDINGS:

Dwight Doughty - Meeting called to order at 9:05 a.m.

TOPIC: November 2016 Meeting

Motion: Mike motioned to approve the November minutes. David 2nd

Vote: Unanimous to approve minutes

TOPIC: Exam Applications

Travis Martin applied to sit for Journeyman Pump Installer exam.

Motion: David motions to approve Travis Martin to sit for journeyman pump installer exam after 12/21/2016 when he has had his apprentice license for one year. Mike 2nd.

Vote: Unanimous to approve

Anthony O'Connor applied to sit for Journeyman Well Driller Exam.

Motion: David motions to approve Anthony O'Connor to sit for journeyman well driller exam. Mike 2nd.

Vote: Unanimous to approve.

TOPIC: Specialty Well Applications

A Specialty Well application was brought before the Commission by Ted McLeod Inc. 81 feet from onsite leach field, 51 feet from onsite tank. No closer than 85 feet from the 1st neighbor's leach field and no closer than 41 feet from 1st neighbor's onsite tank. No closer than 100 feet from 2nd neighbor's tank and no closer than 72 feet from the 2nd neighbor's leach field. 37 feet from 2nd neighbor's well.

Motion: David motioned to accept the application with 65 feet of casing. Mike 2nd.

Discussion: None

Vote: Unanimous to approve.

A Specialty Well application was brought before the Commission by Western Maine Water Inc. 32 feet from onsite leach field, 34 feet from onsite tank. No closer than 40 feet from the 1st neighbor's leach field and no closer than 40 feet from 1st neighbor's onsite tank. No closer than 100 feet from 2nd neighbor's tank and no closer than 100 feet from the 2nd neighbor's leach field.

Motion: David motions to approve 120 feet of casing with 10 inch borehole grouted bottom to top. Driller is required to give Commission ample notification before drilling so a Commission member may be present for grouting process Joe 2nd.

Vote: Unanimous to approve.

A Specialty Well application was brought before the Commission

by Shannon Well Drilling. 50 feet from onsite leach field, 30 feet from onsite tank. No closer than 75 feet from 1st neighbor's onsite tank.

Motion: David motions to approve 120 feet of casing no grouting required. Mike 2nd.

Vote: Unanimous to approve.

An After the Fact Specialty Well application was brought before the Commission by Clearwater Artesian Well Drilling Company. 50 feet from onsite leach field, 45 feet from onsite tank. No closer than 100 feet from the 1st neighbor's leach field and no closer than 100 feet from 1st neighbor's onsite tank. No closer than 100 feet from 2nd neighbor's tank and no closer than 100 feet from the 2nd neighbor's leach field.

Motion: David motions to approve the well as constructed which has 120 feet of liner seals and grouting between 6 inch and 4 inch void. process Joe 2nd.

Vote: Unanimous to approve.

TOPIC: Complaints:

David Kimball vs Dan Woodsome of Woodsome Well Drilling

A letter will be sent to Mr. Kimball informing him of the license revocation action the Commission has taken against Mr. Woodsome.

Dan Woodsome of Woodsome Well Drilling

The York County Sherriff's Department served Dan Woodsome on November 29, 2016 with notification that his company well drilling, pump installing and personal well drilling and pump installer licenses were being revoked due to violations. Mr. Woodsome has until December 29, 2016 to request an appeal of license revocation.

Charles Fowler vs A-Z Water Systems

At this point in time Mr. Levesque has not responded to the Commission with evidence concerning this complaint. The Commission is basing the following on the information supplied.

Motion: David motions to find Carl Levesque in violation of Section 901.1 based on information provided from the invoice in the original complaint. Mike 2nd.

Vote: Unanimous to approve

Motion: David motions to find Carl Levesque in violation of Section 407.2. Mike 2nd.

Vote: Unanimous to approve.

Motion: David motions to find a violation of 407.5. No evidence has been provided to indicate the well was disinfected after hydrofracking. Joe 2nd.

Vote: Unanimous to approve.

Motion: David motions to table complaint and send letter to Carl Levesque of potential fines and possible license suspension. Letter will be sent to homeowner as well. Joe 2nd.

Vote: Unanimous to approve.

TOPIC: Other Business

Open Loop Geothermal:

Deanna drafted a memorandum to be sent to Well Drillers concerning the construction of open loop dual purpose wells.

11:00: Mike motioned to adjourn, 2nd by Joe, approved unanimously

Next Meeting: January 11, 2017 MGS 17 Elkins Lane, Augusta, Maine 9:00 A.M.

Commission Minutes from January 2017

Well Driller's Meeting

Date: Wednesday, January 11, 2017

Location: MGS 17 Elkins Lane, Augusta, ME

Attendees: Commission Members:

Dwight Doughty, Hydrogeologist, DOT, Chairman
Daniel Locke, Hydrogeologist, Maine Geological Survey
David Braley, Hydrogeologist, MeCDC
Mike Otley, Public Member
Joe Gallant, Master Well Driller
Julia Kimball, Commission Clerk
Legal Counsel, Deanna White, AAG
Absent-
Ike Goodwin, Master Well Driller
Guests-
Carl Levesque A-Z Water Systems

Minutes prepared by: Julia Kimball

PROCEEDINGS:

Dwight Doughty - Meeting called to order at 9:02 a.m.

TOPIC: December 2016 Meeting

Motion: Mike motioned to approve the November minutes. Dan 2nd
Vote: Unanimous to approve minutes (Frank abstained)

TOPIC: Specialty Well Applications

A Specialty Well application was brought before the Commission by Frank Hegarty of Hegarty Plumbing. 81 feet from onsite leach field, 51 feet from onsite tank. No closer than 85 feet from the 1st neighbor's leach field and no closer than 41 feet from 1st neighbor's onsite tank. No closer than 100 feet from 2nd neighbor's tank and no closer than 72 feet from the 2nd neighbor's leach field. 37 feet from 2nd neighbor's well.

Motion: David motioned to accept the application with 65 feet of casing. Mike 2nd.
Discussion: None
Vote: Unanimous to approve.

TOPIC: Complaints:

David Kimball vs Dan Woodsome of Woodsome Well Drilling

A letter will be sent to Mr. Kimball informing him of the license revocation action the Commission has taken against Mr. Woodsome.

Dan Woodsome of Woodsome Well Drilling

Mr. Woodsome had until December 29, 2016 to reply to the Commission in regards to license revocation. The Commission received no response. Mr. Woodsome's personal and companies licenses as of December 29, 2016 are revoked and is no longer a licensed well driller or pump installer in the state of Maine.

Charles Fowler vs A-Z Water Systems

The Commission has attempted to contact Mr. Levesque by mail for the past few months. The letters have been returned due to the Commission not having an updated address. Julia contacted Mr. Levesque via email on January 5, 2017 with a copy of the letter being sent to him requesting him to come to the January meeting. Mr. Levesque provided the Commission with a new address. Mr. Levesque came to the January meeting where he informed the Commission that the hydrofracking was sub contracted out to Western Maine Water Inc. The work that was performed by Mr. Levesque amounted to less than \$3000 and didn't require a contract to be in place. Chlorination of the well was not done right away because the tenants would only be at the home for another night and want to be able to shower. Chlorinating was done after the fact.

Motion: David motions to have Julia contact Mr. Fowler to make sure all issues are resolved. All further action is pending confirmation. Joe 2nd.
Vote: Unanimous to approve

TOPIC: Other Business

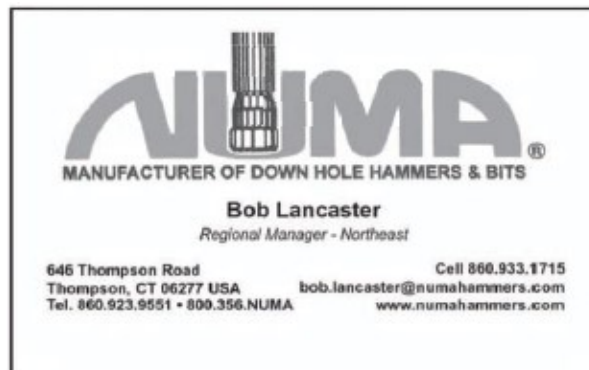
Open Loop Geothermal:

Deanna drafted a memorandum to be sent to Well Drillers concerning the construction of open loop dual purpose wells. The Plumbers Examining Board was encouraged to comment. Minor changes will be made to draft.

Motion: David motions to send open loop geothermal memorandum to drillers and post online. Frank 2nd. Motion carries.

10:05: Mike motioned to adjourn, 2nd by Joe, approved unanimously

Next Meeting: February 8, 2017 MGS 17 Elkins Lane, Augusta, Maine 9:00 A.M.



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A letter will be drafted advising licensees regarding the Plumbers Examining Board's determinations regarding open loop geothermal "dual purpose" wells and the HVAC equipment used. The draft will be presented for review at the next Commission meeting. Input will be sought from the Plumbers Examining Board to insure accuracy.

11:47: Mike motioned to adjourn, 2nd by Frank, approved unanimously

Next Meeting: December 14, 2016 MGS 17 Elkins Lane, Augusta, Maine 9:00 A.M.

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for advertising and
supporting
The MGWA!!

**MGWA Spring Demo
May 6, 2017
At
Premier Pump**

14 Glenwood Street
Oakland, ME

**8:00 Coffee and donuts
9:00 AM Demonstrations**

Solar Pumps, State of Maine On-line well logs, Drill bit uses, Water testing
12:00 Lunch \$5.00 each

**Sign-up form coming out soon
RSVP by April 26, 2017**

Raffles for MGWA Active and Affiliate Members, Kids under 18 & Suppliers
Invite a driller, pump installer or supplier that's not
a member and encourage them to join.

All are welcome!

Contact Us

MGWA

PO Box 207

Gorham, ME 04038

Susan Smith Treasurer

207-839-3293

Michelle Weeks
Secretary

207-465-3753

info@mainegroundwater.org

Visit us on the web at
www.mainegroundwater.org

Maine Groundwater Association

Sign up form coming soon!

May 6, 2017

MGWA Spring Demo

PLACE
STAMP
HERE

Maine Ground Water Association
PO Box 207
Gorham, ME 04038-0207