



Pat Quinn, Governor
Damon T. Arnold, M.D., M.P.H., Director

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MEMORANDUM

TO: Water Well and Pump Installation Contractors Licensing Board Members

George Gaffke (chair)
Larry Lyons
Michael Gross

David Dingledine
Greg Wilburn
John Pitz

FROM: Jerry Dalsin
Elaine Beard

DATE: October 25, 2010

SUBJECT: Minutes – April 8, 2010 Water Well and Pump Installation Contractors
Licensing Board Meeting

Attendance and Meeting Location

The meeting began at 4:00 p.m. on April 8, 2010. Board members present: David Dingledine, George Gaffke, Michael Gross, Larry Lyons, John Pitz, and Greg Wilburn. Department personnel: Ken Runkle and Jerry Dalsin. The meeting was held at the Ramada Limited North, 3280 Northfield Dr., Springfield, IL 62702.

Licenses Issued - 5

3 - Water Well Contractors (092)
2 - Water Well Pump Installation Contractors (101)

Examination - 26 Applicants -

9 registered to become water well contractors – 0 no show
12 registered to become water well pump installation contractors - 0 no show
5 registered to become water well & pump installation contractors – 0 no show

Well Code had 7 score of 70 or above
Pump Code had 16 scores of 70 or above

Well Experience had 3 scores of 70 or above
Pump Experience had 3 score of 70 or above

All applicants were mailed their test scores in a letter of pass or fail on April 14, 2010. Successful applicants were mailed their licenses. A list of licensees was mailed to the Office of Mines and Minerals, Illinois State Water Survey, IAGP, IDPH regional offices and local health departments.

Adoption of Agenda

The agenda that was distributed in advance was adopted without change.

Motion: To Approve the Agenda for the April 8, 2010 Board Meeting

Made By: Greg Wilburn

Seconded By: David Dingledine

Motion carried by a unanimous voice vote.

Approval of the January 14-15, 2010 Board Meeting Minutes

The Board reviewed and approved the minutes of the January 14-15, 2010 Board meeting, with one correction – the meeting opened at 1:00 p.m. on January 14 rather than 1:00 a.m.

Motion: To Approve the January 14-15, 2010 Board Meeting Minutes

Made By: Larry Lyons

Seconded By: John Pitz

Motion carried by a unanimous voice vote.

Contractor's License Examinations and Submission of Test Questions

George Gaffke reminded the Board members of their assignments for the examinations to be given on October 22, 2010 as follows:

October 22, 2010 (will begin with Pump Code)

Pump Code – John Pitz

Well Code - Michael Gross

Pump Experience - Greg Wilburn

Well Experience - George Gaffke

According to the Department, there is no funding for the January 2011 meeting. Without the funding, the Board tentatively decided to still hold the meeting during January 20-21, 2011. A final decision as to whether to meet or not will be made at the October 22, 2010 Board meeting. If the meeting is held in Springfield, the Department would be able to attend.

Acceptance of Monitoring Well Construction as Experience for Licensed Water Well Contractor Applicants

Jerry Dalsin asked if applicants for the water well contractor's license be credited for experience in constructing monitoring wells as experience in water well construction. The Board commented that monitoring well construction does not qualify as experience for water well construction, since they are not included in the definition of a water well and are generally constructed to much shallower depths and by different methods than water wells, e.g., geo-probe, hollow stem auger.... However, recovery wells for groundwater remediation are considered to be water wells. The Department concurred with the Board's recommendation on this issue.

Hybrid Casing Joints (steel extended with PVC) – Do We Allow Threaded PVC?

Jerry Dalsin asked the Board as to what would be an acceptable method to extend steel casing with PVC casing, and if threaded PVC casing would be allowed. The Board commented – the top of the steel casing must be threaded or a steel threaded adapter welded to it. Next, a PVC male or female threaded adapter would have to be screwed into or onto the steel casing. The PVC adapter must have a top connection that can be solvent welded to the PVC casing extension, since the Water Well Construction Code, Section 920.90 c), requires a solvent welded joint.

Approval of Ground Source Heat Pump Training Sessions for Licensed Water Well and Pump Installation Contractors Continuing Education

Jerry Dalsin inquired as to whether or not to approve ground source heat pump training sessions for licensed water well and pump installation contractor's continuing education. The Board recommended not approving such training sessions since they do not relate to water well construction or pump installation, and especially if they exclusively relate to closed loop heat pump systems. The Department concurred with the recommendation. At this same time, the Board approved the proposed agenda for the Water Well and Pump Performance workshop to be presented by the American Ground Water Trust in Bolingbrook during October 21, 2010, on the condition that the sponsor includes in the workshop outline a plan for proof of attendance, e.g., sign in/out sheet, certificate of attendance, and providing notification of the workshop to the licensed water well and pump installation contractors.

Proposed Amendments to the Water Well Construction Code

John Pitz explained the proposed changes to the Illinois Water Well Construction Code recently made by the Board and added on to the ones that were already proposed during the last several years. Since National Sanitation Foundation International Standard 56, Pitless Well Adapters, has been dropped, the reference to it and required testing by Allied Laboratories was deleted. The Department approves pitless well adapters and units and periodically updates a list of the ones that are approved. The Board and the Department concurred with the changes.

Other Business

Buried Well Seals – According to Jerry Dalsin, Will County encountered a situation where the top of a well seal was contained in a buried vault, and inquired if the well seal is still considered buried as described in the Illinois Water Well Pump Installation Code, Section 925.30 c). All concurred that even if a well terminates in a buried vault, it is still considered one with a buried seal and the casing shall be extended above the ground surface in accordance with the Illinois Water Well Construction Code, Section 920.90 c).

Bryan Well and Pump Service – Board member David Dingledine expressed his concerns over the drilling of water wells by Bryan Well and Pump Service. This firm is represented by a licensed water well pump installation contractor, but not a licensed water well contractor; and in order to construct water wells, they are using another licensed water well contractor to obtain the water well construction permits. Jerry Dalsin plans to contact the local health departments in the area of operation by Bryan Well and Pump Service and request them to make sure that this firm is constructing wells under the supervision of a licensed water well contractor.

Closed Loop Well Construction Method by Indie Energy – Several of the Board members expressed their concerns over the construction of closed loop wells by the Symmetriz™ overburden drilling system. Their position is that the system leaves an annular space as compared to the cable tool or mechanically driven casing method, and the casing is not mechanically driven. Taking into consideration the similarity of the dimensions of the outer steel casing and the drive shoe for both methods, the position of the Department is that it meets the intent of the Illinois Water Well Construction Code, Section 920.60 2). In closing, the Board wants to see further documentation on the method.

Qualifications of 3 applicants for the Water Well Contractor's License Examination – David Dingledine, had concerns over the required water well construction experience of 3 applicants. According Jerry Dalsin one of the applicants did not meet the experience requirement, as all of the experience documentation submitted related to monitoring well construction and, therefore, the applicant was not approved to take the examination. The Department approved two out of state applicants after they resubmitted their experience

documentation. The experience they first submitted related mostly to monitoring well construction and boreholes. The experience they resubmitted pertained to recovery and remediation wells, classified as water wells.

Next Meeting

George Gaffke Scheduled the next Board meeting for October 21, 2010, to be held at the Ramada Limited North in Springfield, beginning at 4:00 p.m.

Adjournment

Motion: To adjourn the Board meeting.

Made By: Michael Gross

Seconded By: John Pitz

Motion carried by a unanimous voice vote.

The meeting adjourned at 5:48 p.m.