

Wyoming Water Well Contractor's Newsletter

NEWS FROM THE DIRECTOR'S DESK



Happy New Year! I sure hope everyone was able to enjoy some time with family and friends over the Holidays!

On occasion I will receive an inquiry requesting additional information that pertains to another agency or organization that the WWCB is distinctly separate from. I can certainly understand the confusion which is why I am sharing an article written by Mr. Steve Barbour, WWCB member. He does a wonderful job of explaining each entity and their roles. *Stay Warm!*

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WGWA Members and Licensed Contractors

by Steve Barbour, License #02PI 002

There appears to be confusion within the Wyoming Ground Water Well Association and the Water Well Contractors about the different Boards and Agencies that oversee our industry.

Here is a clear distinction, well defined, role each State Agency has in this industry, as well as what the WGWA's function is.

- 1.) Each Water Well Contractor is required to have a licensed driller or pump installer to work on water wells. The *Water Well Drilling and Pump Installation Contractors Board* issues the Licenses and is the regulatory board for the licensing. Inspections of work for the following Minimum Construction Standards, is performed by this Board.
- 2.) In order to drill a well, the first step is to apply for a drilling permit, and once the permit is issued, to adhere to the permit parameters, and minimum construction standards as written by the Wyoming State Engineer. The *State Engineer* has the role of permitting water wells, regulation and administration of the water resources in Wyoming.
- 3.) For a contractor to install a pump or do any associated electrical work on a water system, they are required to be licensed. The *State Fire Prevention and Electrical Safety* has a Board that issues these licenses and does the inspections of all electrical work performed by water well contractors.

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State Board of Examining Water Well Drilling Contractors and Water Well Pump Installation Contractors

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DID YOU KNOW

Water makes up 83% of our blood, 70% of our brain, and 90% of our lungs. Overall, our bodies are 70% water.

NGWA, The Groundwater Association



Shale: Shale breaks into thin pieces with sharp edges. It occurs in a wide range of colors that include red, brown, green, gray and black. It is the most common sedimentary rock and is found in sedimentary basins worldwide.

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There may be other State or Local Authorities that have licenses or requirements, but they will also be self-governed, within that agency, and have their own administrative duties.

WGWA is a Trade Association without Statute Authority.

Wyoming State Board of Examining Water Well Drilling Contractors and Water Well Pump Installation Contractors (Board)

The Board was created in 2003 to administer 'voluntary licensure,' of water well drilling and pump installation contractors.

In 2008 Wyoming State Legislature passed the *Water Well Drilling Contractors and Water Well Pump Installation Contractors Act (W.S. 33-42-100 thru 33-42-117)*, which requires 'mandatory licensing' of water well drilling contractors and water well pump installation contractors. The Board's role is one of administering the licensing program.

- Supervise the general administration of this act.
- Enforce the provisions of the act and any rules and regulations promulgated under the act or the statutes or rules and regulations of the state pertaining to underground water, and take all action necessary to carry out the provisions of the act.
- Examine the qualification of anyone desiring to obtain a license pertaining to the act.
- Adopt rules and regulations necessary to carry out the provisions of the act.
- Conduct hearings upon complaints with respect to any person licensed under the act.
- Establish continuing education for persons licensed to maintain knowledge of current industry standards.

Wyoming Ground Water Association (formally Wyoming Water Well Association)

The Wyoming Ground Water Association (WGWA) has been a trade association protecting ground water since 1965, and is dedicated to the development and conservation of ground water.

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TEST YOUR KNOWLEDGE *answers on Page 3*

The Board's definition of a well is: any artificial opening in the ground for the production of groundwater or the disposal of water underground, including developed springs, test wells, monitoring wells, deep well ground beds (cathodic protection bores), geothermal or heat exchange wells, drive points and excavations for the purpose of artificial recharge to the groundwater bodies or disposal of wastes. The term "well" does not include excavations made for the dewatering of construction sites, mines or oil and gas wells, and the prospecting for and removal of mineral products, nor wells for the production of the media for secondary oil recovery. True or False?



Calendar of Upcoming Events:

WWCB Board Meeting	Casper, WY	January 24, 2018
WGWA 2018 Convention	Casper, WY	January 24-26, 2018
NDA On-Line Certification Exams	Website	https://nda4u.com
AGWT Educational Videos and Books	Website	WWW.AGWT.org
ISWD International School of Well Drilling Online Courses	Website	welldrillingschool.com
NGWA Introduction to Groundwater Resources (#1012)	Website	Online self-paced course
NGWA Selection and Operation of Meters for Safe and Successful Electrical Troubleshooting for Water Well Pump Systems (#7132-1)	Website	Online self-paced course
TLC Technical Learning College	Website	Self-paced courses
CPS 2018 Contractor Training Schedule https://cpsdistributors.com/knowledge-center/	Website	Classroom & Online Training

WWWA – Wyoming Water Well Association

NDA – National Drilling Association

NGWA – National Ground Water Association

NWDA – Nebraska Well Drillers Association

CWWCA – Colorado Water Well Contractors Association

WARWS – Wyoming Association of Rural Water Systems

WWA- Wyoming Water Association

WWQ & PCA – Wyoming Water Quality & Pollution Control Association

WWWCB – Wyoming Water Well Contractors Licensing Board

BIDP – Baroid Industrial Drilling Products

AGWT – American Ground Water Trust

SEDC – Shallow Exploration Drillers Clinic

ISWD – International School of Well Drilling
www.welldrillingschool.com

CPS - CPS Distributors

Goulds - Goulds Water Technology Factory School WebEx Training

Technical Learning College
www.abctlc.com

For continuing education opportunities please refer to each respective association’s website for additional information.



Answers to Test Your Knowledge from page 2

1. True (Per Wyoming Statute 33-42-102, (V))

The Association has a Board of Directors who shall have authority to engage and discharge employees and agents of the association, fix salaries, admit, suspend or expel members; create and appoint committees; and do everything necessary and desirable in the conduct of the business of the Association, in accordance with the Constitution and By-laws.

- Establish as a non-profit organization
 - Promote the water well industry.
 - Promote education and techniques in drilling, well construction, well development, and science of the industry.
 - Promote cooperation between contractors.
 - Protect of Wyoming's ground water.
 - Inform and advise members as needed.
- Refer Wyoming citizens to member drilling and pump contractors, geologists, hydrologists, engineers, governmental employees, industry suppliers and manufacturers.

Wyoming State Engineer's Office and Board of Control

The Wyoming State Engineer's Office is charged with the regulation and administration of the water resources in Wyoming. It Provides for the general supervision and protection of both inter- and intra-state waters of Wyoming. This includes the appropriation, distribution and application to beneficial use of water as provided under the prior appropriation doctrine, and includes maintaining the flexibility within that framework to meet the changing needs of the citizens of Wyoming. The State Engineer's Office collects analyzes, maintains and provides water related information for ensuring the appropriate management and regulation of Wyoming's water resources.

- All groundwater wells require a permit from the State Engineer before legal drilling can commence.
- The State Engineer has the authority to promulgate rules regarding minimum well construction standards upon advice and consent of the Board of Control, and to order the cessation of the flow of water from any well when necessary.

- In addition to processing and maintaining groundwater permits, the Ground Water Division maintains a statewide observation well network, conducts interference investigations and water right adjudication inspections, prepares proof of adjudication for the Board of Control's consideration, reviews reports of water supply adequacy for subdivisions, and provides conflict resolution between groundwater and surface water appropriators.

Wyoming Department of Fire Prevention & Electrical Safety Division

The Electrical Safety Division's Responsibilities include:

- Examination and licensing of skilled Electricians.
- Electrical inspections in homes, schools and businesses.
- Interpretation of the National Electrical Code to local entities, Electrical Contractors and the general public.
- Generating permits for electrical installations.

This division oversees the licensing of Limited Electrical Contractors (Limited electrical work for wells and irrigation systems). A limited Electrical Contractor is defined as a person, partnership or corporation who contracts with another to perform limited electrical work, limited to the load side of equipment disconnected for certain electrical systems.

A person shall not perform any limited electrical work without holding a proper license from the State Electrical Inspector.

The Board shall adopt rules and regulations to implement the licensing of master electricians, journeyman electricians, low voltage technicians, limited technicians, temporary permits, reciprocal licenses, the registering of apprentice electricians and apprentice technicians. The board ensures electrical installations be performed by licensed electricians. They also determine criminal penalties and other remedies.

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The Board hears appeals to determine the suitability of alternate materials and type of construction and to interpret and grant variances from rules and regulations of the board regarding the installation of electrical equipment and electrical safety standards. The Board operates in conjunction with the Department of Fire Prevention and Electrical Safety.



CONGRATULATIONS TO THE NEW LICENSEE!

PUMP
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“Quality is the pride of workmanship.” ~ W. Edwards Deming



These photos show poor quality of workmanship which can allow potential contamination of ground water.



The importance of quality control is core to the success of any business.

Ensure all personnel have a thorough knowledge of the quality standards and the State Engineer’s Office, Water Well Minimum Construction Standards. This will help guarantee the quality of workmanship of your crew, which will improve public perception of your company.