

WATERLINE

Director Update

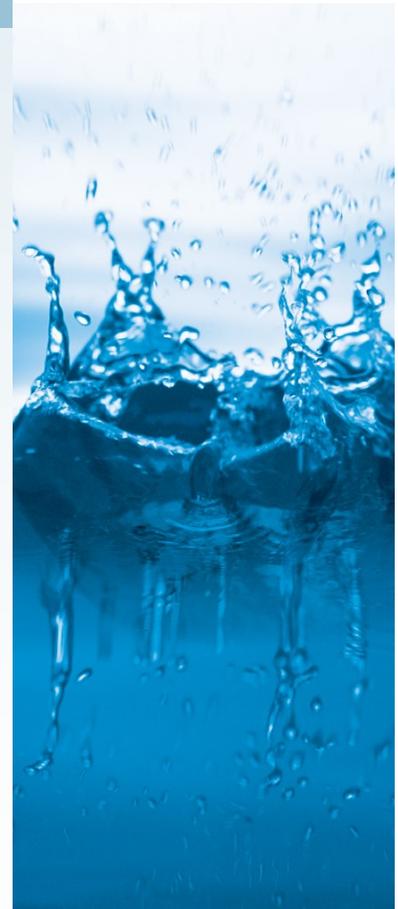
Hi folks,

Greetings from the western part of the state, it's starting to look like a real winter around here after some recent storms. Nothing like last year but we'll take what we can get. With the snow, come the skiers and they are packing them in at the Jackson Hole Mountain Resort. They are claiming February is one of their busiest ones yet.

New construction is taking shape in and around Jackson and looks promising to be another busy season coming up. If your travels bring you to this part of the state stop by and say hi. Stay safe out there and I hope everyone has a great year.

Roy Weber
Weber Drilling
1305 Gregory Lane
Jackson, WY 83001

Area 1 Director



Important Dates

◇ National Groundwater Awareness Week- March 11-17, 2018

◇ We are offering a mud class on April 13, 2018 at the Ramkota from 9 am-3 pm.

Please see page 2 for more information.

◇ WWCB Meeting-April 11 @ 10am, Ramkota, Casper

◇ WGWA Board Meeting April 12 @ 10 am, Ramkota-

Mud Class ~April 13, 2018 9 am– 3 pm

Course Outline

- ✦ Part 1 - The basics of water well operations including the hydrologic cycle, how water moves through the ground, how a water well works, how the effects of drilling and development may affect the well efficiency.
- ✦ Part 2 – The functions of drilling foams & fluids, clay chemistry, polymer chemistry, applications of drilling fluid additives to protect a wellbore.
- ✦ Part 3 – Mixing drilling fluid additives to maximize fluid functions; testing procedures used to maintain engineered drilling fluid.
- ✦ Part 4 - Well development and rehabilitation, causes for well damage, monitoring well water chemistry, well development and rehabilitation techniques

Lunch will be provided. 5 hours of CEU points will be awarded.

To register for this class, please call 307-267-3806 or email

wywaterwell@gmail.com by April 6, 2018. **Class will be limited to 30 people.**



DID YOU KNOW...

- * Groundwater makes up more than 90 percent of all available fresh water in the world. Life as we know it would not exist without ground water.
- * A gallon of water weighs about 8 pounds.
- * Water is the only substance on Earth found naturally in three forms - solid, liquid, and gas.
- * About 25% of all rainfall in the U.S. becomes groundwater.
- * Water expands by 9% when it freezes. Frozen water (ice) is lighter than water, which is why ice floats in water.

Granite Construction Acquires Layne Christensen

Granite Construction Inc. and Layne Christensen Co., a member of the contractor section of NGWA, announced on February 14 they have entered into a definitive agreement whereby Granite will acquire all the outstanding shares of Layne in a stock-for-stock transaction valued at \$565 million.

The transaction, which was unanimously approved by the Boards of Directors of both companies, is expected to close in the second quarter of 2018.

Layne significantly enhances Granite's presence in the large and growing water infrastructure market. The combined company, including Granite's existing water business, will have water-related revenues of approximately \$600 million, positioning Granite as a major player across both the transportation and water infrastructure markets. Together, Granite and Layne will have nearly 7000 employees and serve a diverse and growing customer base.

~ Water Well Journal

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GROUNDWATER MYTHS

- ⇒ Groundwater removed from the Earth is never returned.
- ⇒ Groundwater is not a significant source of water supply.
- ⇒ Groundwater is abundantly available, therefore does not need to be conserved.
- ⇒ There is no relationship between ground water and surface water.
- ⇒ Groundwater migrates thousands of miles.

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Norman Bideau

November 4, 1938—February 28, 2018

Norman passed away February 28, 2018 in Casper. He owned and operated Bideau Drilling for 40 years.

Services for Norman will be held May 5th, 2018 ~ 2 pm at the First United Methodist Church in Casper.

WGWA Board Members

Matt Henderson– President

Aaron Wilson - Vice President

John Midkiff– Secretary/
Treasurer

Roy Weber– Area 1 Director

Wes Moody– Area 2 Director

John Zupan– Area 3 Director

Cody Smith– Area 4 Director

Kim Brown– Area 5 Director

David Wilson– M/S Representative

Travis Hueller– Past President

Jade Slaymaker– Executive
Director

Kristen Moldaschel– Assistant

Wyoming Ground Water Association

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National Groundwater Awareness Week

The 2018 GAWW theme of “Tend. Test. Treat.” was established to encourage a more holistic approach to sustain an adequate supply of quality water.

Testing your water might prompt well inspection and maintenance, and water treatment can mitigate naturally occurring contamination revealed by the test. So, **test** your water, **tend** to your well system, then **treat** the water if necessary.

NGWA encourages every person to be a “groundwater advocate” both during National Groundwater Awareness Week and beyond by protecting and conserving groundwater.



The advertisement for Midland Implement Company, Inc. features a grey background with a white border. At the top, the company name "Midland Implement" is in a bold, black font, with "Company, Inc." in a smaller font below it. To the right is a red hexagonal logo with a white stylized figure. Below the company name, the text reads: "Since 1920, Midland Implement has committed to bringing you top-quality products and first-class customer service. Come in today and find out why so many pump and well professionals trust Midland Implement to help them get the job done right." Below this, a quote states: "Midland Implement is your number one source for top-notch products and service since 1920!" At the bottom, there are logos for Grundfos, Xylem (with the tagline "Let's Solve Water"), and Franklin Electric. Below the logos is a row of various water pump and well equipment. At the very bottom, the contact information is listed: "www.midlandimplement.com • 402 Daniel St. • Billings, MT 59101 • 406-248-7771".