

Devils Lake Gets New Water Treatment Plant

For 50 years, the City of Devils Lake got its water from the Warwick water supply. Because the water had high levels of iron and manganese, chemicals were added to hide those minerals. Now, however, the community has a new \$18 million Water Treatment Plant that completely removes them. The City acquired federal and state grants to help pay for 75% of the cost. Bergstrom Electric served as the Electrical Contractor for the two story, 8,700 square foot facility.

The new process is a three-phase system that will result in water with a hardness level of only 5-9 grains, compared to 21 previously.

Bergstrom crews installed a 2400 amp 480 volt system with a 400 kW backup Generator to supply power to the building. In addition, Bergstrom crews wired the facility's elaborate control system that interconnected almost every piece in the plant.

"It connected everything - every valve, pump, and solenoid, right down to monitoring the doors of the building," explained James Schmidt, Bergstrom's Project Manager.

A unique challenge of the project involved the double layer rebar mat within which Bergstrom had to lay their conduit. It required a lot of planning and imagination to



Above: Joel Myhro, manager of the Devils Lake Water Treatment Plant, tours the building near the end of the project in December of 2010. Right: The exterior of the new facility.



get the control piping to the correct areas of the plant with very little reference points, but Bergstrom's Project Foreman Brad Erickstad and his crew were able to handle the problem without any issues.

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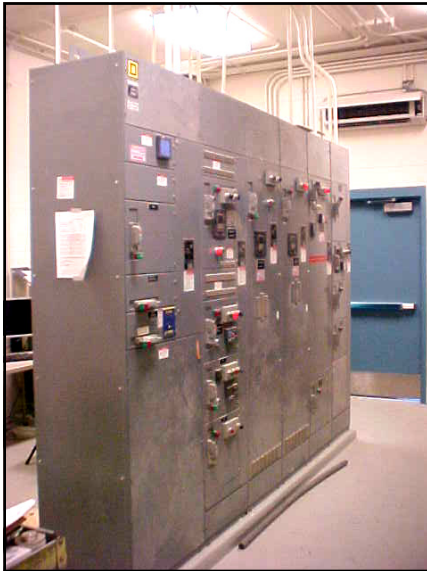
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The project required 15,000 feet of conduit and 110,000 feet of wire. Bergstrom crews started on the project in the fall of 2009.

"We had a core crew of four guys that did most of the work," explained Schmidt . "At our peak, we spiked to a crew of eight to make sure we got everything done on schedule."

It took Bergstrom 3926 man-hours to complete their work by December of 2010. The total electrical cost of the project was approximately \$815,000. ◇



Photos: Interior shots of the new Devils Lake Water Treatment Plant.

"If there comes a little thaw,
Still the air is chill and raw,
Here and there a patch of snow,
Dirtier than the ground below,
Dribbles down a marshy flood;
Ankle-deep you stick in mud,
In the meadows while you sing,
"This is Spring."



- Christopher Pearce Cranch, A Spring Growl

Spotlight on: **Randi Berger**

A native of East Grand Forks, MN, Randi Berger previously worked for a railroad contractor and an accounting firm before joining Bergstrom 's team a little more than 6 years ago. As our accountant, her primary duties include accounts payable, generating monthly financial information, maintaining employee benefits and preparing payroll. Randi has been married to Bryan for almost 22 years and they have two daughters - Sara (23) and Stephany (20).

What's your favorite part of your job?

Everyday is a new challenge and I am always learning.

What are your hobbies?

I love to ride our Harley as much as I can.

If you couldn't do your current job, what would you want to do instead?

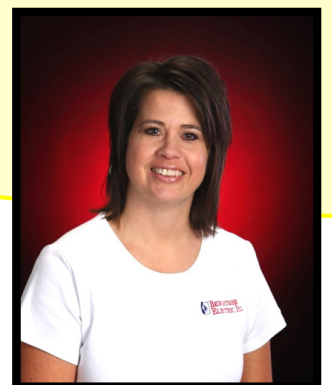
I have always wanted to be a nurse so that's probably what I would do.

If you could meet anyone in the world, who would it be and why?

For me it would be 2 people, Oprah and Pink. They both are truly genuine people.

What would be your dream vacation?

Anywhere sunny, hot, and with a beach .



What do you like on your pizza?

I'm not too picky but I hate mushrooms.

What's your favorite TV show?

Unfortunately, I am a reality show junky so I like to watch them all! ◇

NDSU West Dining Center Boasts New Amenities

If you remember what eating in a college cafeteria used to be like, you're in for a surprise. Today's campuses boast some very nice dining facilities, complete with waffle stations, 24 hour service and even fireplaces!

One example of the new trend in college dining is the NDSU West Dining Center. The 44,500 square foot update to the building was split into two phases and included a 20,000 square foot addition and a 24,500 square foot remodel of the existing space. Bergstrom Electric was the electrical contractor for both phases, successfully working under different General Contractors for each phase.

Bergstrom crews began work in May of 2010 and were under a tight timeframe, as the project had to be substantially complete before classes started in August. The remodel project involved gutting the entire existing area and redoing the entire kitchen layout, with more self-serve stations and different seating arrangements. The lower level was comprised of numerous computer classrooms. The total project included 695 light fixtures and 31,500 feet of additional conduit.



Bergstrom averaged a crew of 10 technicians and ran extended hours throughout the summer to ensure completion by the project deadline. A total of 54 change orders added complexity to the project, but Bergstrom completed their portion of the project on time and returning students were able to utilize the new dining center when classes started in the fall. ♦



The new NDSU West Dining Center has numerous “self-serve” stations, where students can make their own waffles, sandwiches, and other items. Wireless internet service allows students to work while they eat and a fireplace adds ambiance to the setting.

Cliff Notes

Dear friends -

Bergstrom Electric held their 21st annual employee meeting on March 18th at the Hilton Garden Inn, in Grand Forks.

With 120 employees in attendance from all of our branch office locations, we reviewed our past years accomplishments as well as an outlook to what 2011 will bring to the construction sector.

Presentations were provided to the employees about Bergstrom Electric benefits including, health care coverage, flex benefits and retirement accounts. An additional presentation was give about "Pre-paid Legal Services" available to employees if they were interested.

Several employees were presented with plaques in recognition when reaching milestones of five years (5), ten years

(10), fifteen years (15) and twenty years (20) of continued employment. We also



recognized employees that are active in our continuing education programs, including in house training available to any employee to attend as well as our apprenticeship students and classroom instructors.

The afternoon was focused around our safety program and review of the safety policies and procedures. Safety stickers for the Bergstrom hard hats were give out to all employees that were accident

and injury free from 3 years to 20.

Near the end of the day we had a special presentation provided by Dutch Hempel of Hempel Associates about "Customer Service" and how important it is to provide outstanding customer service in every aspect, no matter what type of



business you are in if you expect to build customer relationships.

To wrap up the day we had an open forum to discuss any questions, comments or concerns that employees may have had in mind, with some great feedback.

- Cliff Moen, President



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