

PKG Company Connection

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BISMARCK WASTEWATER TREATMENT FACILITY

AMERICAN Zinc, V-Bio Protect Iron Pipe Against Aggressive Soils in Bismarck, North Dakota

by AMERICAN Cast Iron Pipe Co.

Owner: The City of Bismarck, North Dakota

Project Summary: More than 6,800 cubic yards of structural concrete are being used in the construction of a new Trickling Filter and Trickling Filter Pump Station in Bismarck, North Dakota. These structures are being built well below the area's water table, and the more than 6,800 cubic yards of concrete will protect them against the effects of Mother Nature.

One component of the project that is already protected against the elements is V-Bio wrapped and zinc-coated AMERICAN Ductile Iron Pipe. The zinc coating system is a proven, life extending product for iron pipe that recently became available in domestic markets. Zinc has been used overseas to extend the life of iron pipe for many years. V-Bio enhanced polyethylene encasement provides additional protection in aggressive soils.

"Ductile iron pipe was specified for the project due to aggressive soils in the area

and the depth of bury," said Ken Weber PE, senior project manager with AE2S. "Testing was done to confirm the corrosiveness of the soil, and V-Bio wrap was included in the specifications. Once we learned of the zinc coating, we also felt it was the right product for this application."

The \$21.9-million Bismarck Wastewater Treatment Facility Trickling Filter Improvements project includes the construction of a new Trickling Filter Pump Station and a new 150-foot Trickling Filter. The expansion will not only replace an aging pump station but will also provide the city with 50 percent more treatment capacity, allowing it to meet anticipated growth over the next 20 years and improve operational flexibility. The project began in October 2015 and is scheduled for completion in July 2017.

The project requires a substantial amount of subsurface dewatering in order to excavate at depths exceeding 40 feet.

(continued on page 2)



(continued from page 1) The ground water level in the area fluctuates with the elevation of the nearby Missouri River, and under normal conditions, the water level will range from 8 feet to 14 feet below the existing grade at the jobsite.

“Excavating at these depths presents a unique challenge for any installation,” said Darin Pfingsten, president of PKG Contracting, Inc. “With one end of the pump station bearing at a depth of about 44 feet below the existing surface, we elected to sub-cut the entire area to an elevation 15 feet below the surface. It is also at this elevation that a nearly 100-foot diameter cofferdam retention structure was installed, which consists of steel sheet pilings driven to a depth of 65 feet below the existing ground surface. A total of just under 21,000 cubic yards was excavated to complete the cofferdam structure.”

Key Players: The city of Bismarck’s wastewater plant currently treats an average of more than six million gallons of wastewater a day. Wastewater is collected from almost 18,000 customers and delivered to the treatment facility through a 290-mile network of pipelines.

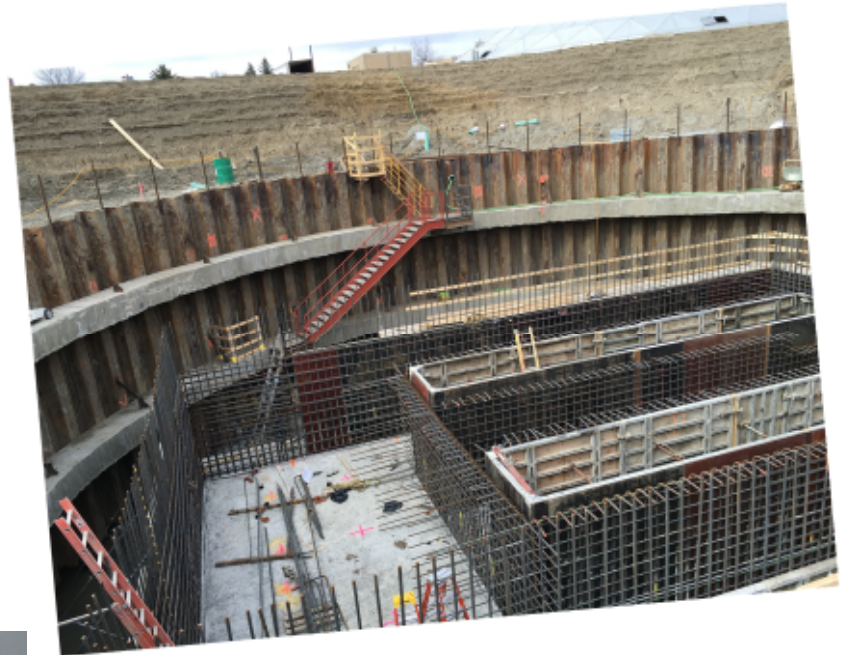
PKG Contracting, Inc. is the general contractor on the improvement project and once complete, will have self-performed more than 70 percent of the work. Major work includes earthwork, site piping, cast-in-place concrete, helical piers, precast work, process equipment and process piping.

AE2S is providing engineering services for the project, including designing, bidding and providing construction management services.

What They Said: “Because of existing soil conditions, the owner decided to add a measure of safety and longevity to the installation by using zinc-coated AMERICAN ductile iron pipe and V-Bio enhanced polyethylene encasement,” said Pfingsten. “PKG’s relationship with AMERICAN began the day we opened our doors in 1995, and since then we have completed several projects with AMERICAN at our side.”

Article by AMERICAN Cast Iron Pipe Co.

PKG Team: Neil Thompson, Project Superintendent, Ken Kirchoff, Concrete Superintendent, Mike Sikorski and John Gisvold, Project Managers.



Safety Program Winners

Congratulations to all safety coordinators and safety incentive winners who were successful in keeping their jobsites safe and accident free over the third quarter! The following people won a gift card of their choice for being a part of a team that keeps safety a priority.

Bismarck, ND | 1403 | Ryan B., Silverio

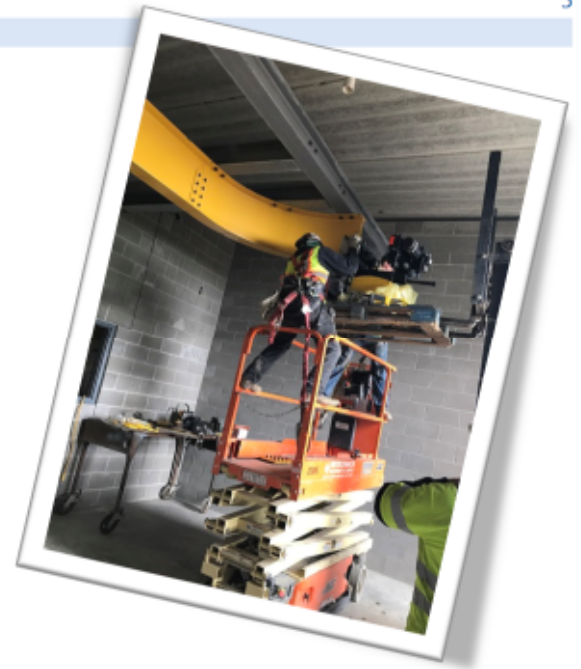
Fargo, ND | 1503 | Chris J., Colleen, Larson

New Town, ND | 1408 | Jose C., Ace, Eduardo

Bismarck, ND | 1505 | Juan Carlos, Jose S., Elvis, Paul C., Alex S., Ken K., Faye, Alex S., Humberto

Eagle Butte, SD | 1502 | Sergio, Chris F., Brady F., Milton,

Cass Rural Water, ND | 1504 | Dave Heer, Kyle B., Kyle L., Ford, Nathaniel, Rex, Dale, Dustin B., Randy Z.



We would like to extend a huge thank you to our Safety Coordinators: Scott McKinsey, Tomas Ocampo, David Heiskala, George Iglecias and Colleen Joe. If you're interested in learning what it takes to become a Safety Coordinator, please contact the office.

***"Working safely may get old,
but so do those who practice it."*** –author unknown

Is it a cold or the flu?

By J.J. Keller & Associates, Inc.

Living Right – Your Health and Wellness Awareness Bulletin

It can be challenging to tell the difference between a cold and the flu, as many symptoms are similar.

Flu symptoms, however, are often more intense and come on suddenly. The onset of a cold is usually more gradual, and symptoms milder.

The chart below can help you determine if you are fighting the flu or a cold, although it's not possible to diagnose the flu based on symptoms alone. There are lab tests that can be done if that information is needed.

Symptoms	Typical of the flu?	Typical of a cold?
Fever (lasting 3-4 days)	Yes	No
Chills	Yes	No
Body aches, often severe	Yes	No
Fatigue	Yes	Sometimes
Cough, chest discomfort	Yes (may be severe)	Yes (mild to moderate; hacking cough)
Sore throat	Sometimes	Yes
Stuffy Nose	Sometimes	Yes
Headache	Yes	No
Sneezing	Sometimes	Yes



Kevin, pictured with his dog Rudy, has been an accountant at PKG for more than four years.

Employee Spotlight

If you could try any job for a day, what would it be? NFL play-by-play announcer.

What can't you live without? Hunting Season.

If you could buy any vehicle you wanted, what would it be? Brand new 2017 Chevy Silverado.

What is the best advice you ever received? Always be professional.

What was your first job? Bank Teller.

Where is your favorite vacation destination? Antigua.

What do you do for fun? Hunt, fish, go to the lake and watch football.

What's the hardest thing you've ever done? Pass the CPA Exam.

What is your favorite childhood memory? Going camping every weekend.

Where were you born? Bismarck, ND.

Who is your favorite artist? Jason Aldean and Chris Janson

What characteristic do you admire most in other people? Patience.

What do you enjoy most about working for PKG? I work with great people and my job is both challenging and rewarding.

What interests you most about the water/waste water industry? It amazes me how one water or wastewater plant can provide service to thousands of people.

What attracted you to come work for PKG? I had just graduated NDSU in the spring of 2012 and started my job search. The opportunity came up with PKG and it looked like a great company to work for. Four years later I'm still here and it's been great!

Kevin Wentz

Happy Anniversary!

Congratulations to the following people who celebrated their employment anniversary over the third quarter. Thank you for your hard work and all you do for PKG!

Lee Suchy | 18 years | July

Tyler Reed | 5 years | July

Rusty Condra | 7 years | August

Heidi Pfingsten | 6 years | August

Adam Neirby | 5 years | September

Jose Coreas | 2 years | September

Julio Felix | 1 year | July

Nathaniel Potter | 1 year | July

Andrew Curley | 1 year | July

Milton Jeffries | 1 year | July

Kyle Bruner | 1 year | August

Randy Zopp | 1 year | August

Lorraine Anderson | 1 year | September

Thank You



As a special thank you, these Superintendents were treated to a fishing trip of a lifetime at the El Capitan Lodge in Alaska. These guys have put a lot of time in at PKG and have been a huge part of the company's success. *Thank you Dave, Dave and Thomas for all you do!*

Above image from left to right: Darin Pfingsten (President), Dave French (18 years), Thomas Meyer (21 years), and Dave Johnson (21 years).

www.elcapitanlodge.com

The Heart of a Leader

"If you want to know why your people are not performing well, step up to the mirror and take a peek.

From my point of view, one of the worst concepts in the history of leadership theory is the "Peter Principle." According to the Peter Principle, people in organizations tend to rise to their level of incompetence. In other words, they keep getting promoted until they become a failure. I think this concept lets managers off the hook.

Good leaders are committed to helping their people win. When someone fails, they accept responsibility for that failure. I think anytime you fire someone who works for you or anytime you're looking for a place to hide someone who works for you, step up to a mirror and take a peek. In most cases, the biggest cause of the problem is looking you in the eyes.

The main job of a leader is to help his or her people succeed in accomplishing their goals. And when people accomplish their goals and win, everyone wins.

Blanchard, Kenneth H. "Feedback Is the Breakfast of Champions."
The Heart of a Leader. 2nd ed. Guildford: Eagle, 2000. Print.



Nicole Steckler, our Human Resource Administrator, will be moving on to a different career in her new hometown of Sandy, Utah in November.

Nicole has been a great addition to PKG over the last couple years. We are sad to see her go but wish her all the best! She will be missed!

Pictured: Nicole with her husband, Ryan and their dog, Bella.

Farewell!



Dr. Frankenstein entered a bodybuilding competition and discovered he had seriously misunderstood the objective.

Joke credit: Kevin Wentz

**Happy
HALLOWEEN!**

The 2016 Employee Appreciation Banquet

Friday, December 2nd 2016

What do big screen TVs, iPads, cash, dueling pianos, amazing food and drinks have in common? YOU! PKG is inviting all PKG employees to a night of celebration and appreciation on Friday, December 2nd beginning at 5:30pm at the Hilton Garden Inn in Fargo. All RSVP's are due to Heidi by Friday, November 4th. Call: 701.232.3878 Email: heidi@pkg-inc.com

Other Upcoming Events

Superintendent/Safety Coordinator Meetings

Mandatory meetings will be held on Thursday, December 1st and Friday before the banquet in Fargo. More information will be sent out to all Superintendents and Safety Coordinators. Questions or comments can be sent to Amanda@pkg-inc.com

Holidays

In observance of the upcoming holidays, the office will be closed on the following days:

Thanksgiving Day – Thursday, November 24th
 Day after Thanksgiving - Friday, November 25th
 Christmas Eve – ½ Day – Friday, December 23rd
 Christmas Day – Monday, December 26th
 New Year's Day – Monday, January 2nd

Safety Coordinator Meetings

It is mandatory that every coordinator calls in to attend the following meetings.

Thursday, November 3rd @ 8:30am

Thursday, January 5th @ 8:30am

**December's meeting will be replaced with the safety meeting taking place on December 1st in Fargo.

We're excited to bring you the news and events that are happening companywide.
 Want to help?

Send your pictures and suggestions to heidi@pkg-inc.com



Eagle Butte | 1502



New Town | 1408



Sturgis Wastewater Screening | 1602



Cass Rural Water | 1504



Prairie Knights Casino | 1603



Roberts Garage | 1605

3rd Quarter Pictures

PKG
Contracting

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