

July 2011— September 2011



copconstruction.com

# COP CHRONICLE

## BUHL WASTEWATER TREATMENT PLANT CONCRETE PACKAGE Buhl, Idaho

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COP Construction was awarded the Buhl Wastewater Treatment Plant-Concrete Package on August 18, 2010, in the amount of \$2,404,432.

The project was managed by a Construction Manager with all the contractors building the project contracted individually with the City of Buhl. This arrangement created a need for all the contractors on the project to work closely with each other on schedules, logistics, and problems even though we had no contractual ties with each other and no general contractor having the overall responsibility for the project.

The project consisted of approximately 4500 CY of concrete for the WWTP expansion. There were nine major structures to the project, including a headworks building, influent pump station, oxidation ditch, secondary clarifiers, Return Activated Sludge (RAS) / Waste Activated Sludge (WAS), a dechlorination pump station, a biosolids building, and an administration building.

The challenges of the project included small intricate concrete work, especially in the headworks, which created a need for innovative forming techniques. The headworks building had 13 different elevations between the influent channel and the finish floor elevation.



Headworks building floor slab.

Photo by Celso Holguin



Bio-solids tank slab forms and rebar.

Photo by Celso Holguin

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*From the desk of the President –*



As one of the owners of COP, it is gratifying to observe the positive feedback that our company receives regarding our performance and relations with our stakeholders. This positive feedback is the result of the efforts of our dedicated employees that represent COP in a positive and professional manner.

In a climate where customer service and professionalism can be lost as a result of dealing with the challenging economic times, it is even more critical that every one of us put forth extra effort to continue to exhibit the professionalism that has made COP the quality company that it is. It is important to remember that in business there are times when individuals can have different opinions regarding a situation. When this happens, it is important for all of us to take the time to understand the other person's position and respect that position in a professional manner. By doing this, you will increase your chances of arriving at a win-win situation and set the stage for a productive relationship as you deal with future issues.

It's very rewarding to work for a company that is well respected and looked at as a leader in the community. Please continue to represent COP in the positive way that has made us the success we are.

# MEET THE FACES of COP

Tom Bevan, Estimator

Tom joined our Estimating Department on May 16th of this year. After living in Bozeman, Boise, and Las Vegas, Tom and his wife, Lisa, decided to move back to Montana to “enjoy our lives.”

Tom and Lisa have two boys who Tom says fill their lives with excitement and patience –Thomas IV, age 7 and Manzo, age 5. The family enjoys hiking and exploring Montana’s wilderness. The boys are active in soccer, basketball, baseball, hockey, and gymnastics. Lisa is active in PTA and is currently enrolled at MSU-Billings where she is completing a nursing degree.



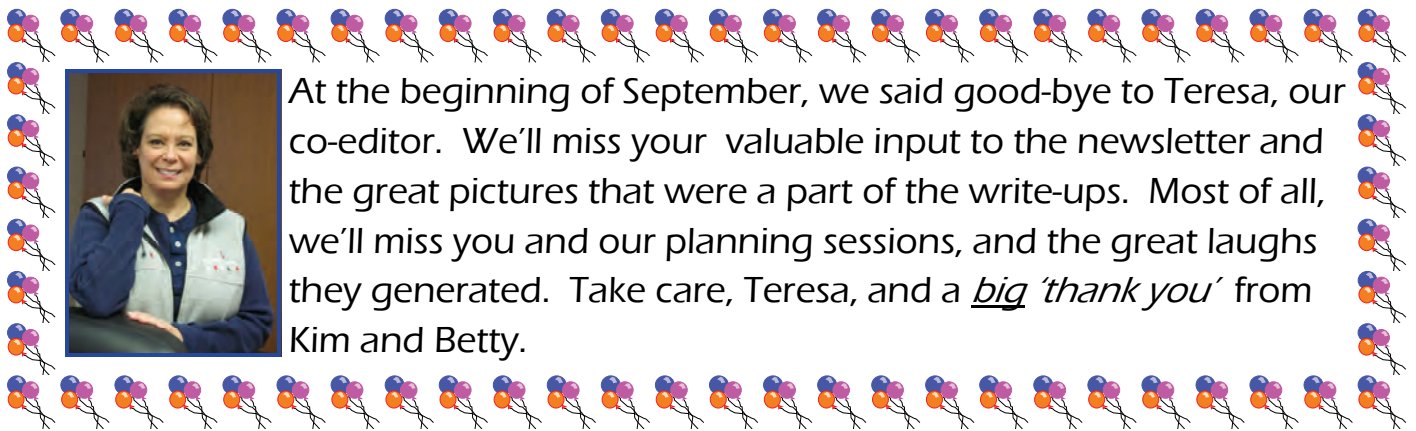
“We are very excited and fortunate to get back to Montana and are appreciative for the opportunities that COP and the State of Montana have blessed our family with.”

Darci DeBuff, Estimating Assistant

After a hiatus of a little over a year, Darci returned to COP in July. In her off-time, Darci and husband, Rod, enjoy camping and riding 4-wheelers, and motorcycles.

They are on their way to being empty nesters, as son, Justin, is 18 and graduated and daughter, Keeley is 15 and a Sophomore at Billings Senior High School.

Glad you’re back, Darci!



At the beginning of September, we said good-bye to Teresa, our co-editor. We’ll miss your valuable input to the newsletter and the great pictures that were a part of the write-ups. Most of all, we’ll miss you and our planning sessions, and the great laughs they generated. Take care, Teresa, and a *big ‘thank you’* from Kim and Betty.



Oxidation ditch wall pour.

Photo by Celso Holguin



Oxidation ditch slab edge forms.

Photo by Celso Holguin



Interior of oxidation ditch.

Photo by Celso Holguin



Exterior wall of oxidation ditch.

Photo by Celso Holguin

#### PLAN NOW FOR SAFE SNOW REMOVAL

With winter less than a month away, in many parts of the country it's time (or maybe passed time) to start preparing for snow removal. Many of our employees will be involved in snow removal activities, either at work or at home, and we want to make sure you do it safely, especially when shoveling.

Shoveling snow is an extremely strenuous activity, especially if there is a lot of snow or if the snow is wet and heavy. You must be careful of overexertion, which could lead to an injury. To prevent injuries when shoveling snow, follow these tips:

- Stretch for a couple of minutes before shoveling to loosen up back, shoulder, neck, arm and leg muscles.
- Start slow and give yourself a chance to warm up. Then maintain a steady pace to reduce stress on your body.
- Lift smaller amounts when snow is wet and heavy.
- Breathe in while lifting and out while throwing.
- Keep your feet shoulder width apart for balance.
- Hold the shovel close to your body for better leverage and less strain.
- Push snow rather than lifting it when possible, especially when the snow is heavy.
- When lifting a shovel full of snow, bend your knees, keep your back straight, tighten your stomach muscles, and lift with your legs.
- Avoid twisting your body when you throw the snow from the shovel.
- When shoveling stairs, stand lower than the step you are shoveling and pull the snow toward you. Repeat until you reach the bottom, then scoop, lift and throw snow more easily.
- Take breaks from time to time to give your muscles a chance to relax and avoid muscle strain.



Chris Cull, Safety Manager

COP subcontracted out part of the project's concrete work. Coordinating our subcontractors' schedules to meet the required dates for other contractors' work and equipment installation, took a huge effort. Throughout the critical time period on the project, we added additional supervision to the job with a focus on project and schedule coordination.

The project started in August, 2010 and was completed in August of this year.

Ron Batt estimated this project. The project team consisted of Kash Tacke, Project Manager, and Superintendents Celso Holguin and Tobin McFarlane.

Thanks to the entire crew for a job well done!



Slab and wall rebar for bio-solids tank.

Photo by Celso Holguin



Bio-solids tank wall forms.

Photo by Celso Holguin



Completed bio-solids building, foreground; completed bio-solids tank, background.

Photo by Celso Holguin



Grouting interior slab of clarifier tank.

Photo by Celso Holguin



Completed clarifiers & RAS/WAS, foreground; completed oxidation ditch, background.

Photo by Celso Holguin



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**PROJECTS CURRENTLY UNDER CONSTRUCTION**

**C O P C O N S T R U C T I O N L L C**

**C O P W Y O M I N G L L C**

**EXXON CIVIL PROJECTS**  
Billings, MT

**CHS PROJECTS**  
Billings, MT

**SPANISH FORK-SPRINGVILLE  
REACH PIPELINE**  
Springville, UT  
\$36,300,000  
Estimator: Rod Braegger

**ALKALI CREEK BRIDGE  
REPLACEMENT**  
Powell, WY  
\$290,000  
Estimator: Chad Peterson

**MCLAREN MINE TAILINGS**  
(Sub-quote to Knife River)  
Cooke City, MT  
\$2,729,000  
Estimator: Dustin Dennison

**WTF LOW SERVICE PUMP STATION**  
Billings, MT  
\$1,776,000  
Estimator: Craig Olson

**SWGTP BY-PRODUCT PIPELINE,  
PHASE 1**  
West Jordan, UT  
\$8,384,000  
Estimator: Rod Braegger

**GOOSEBERRY IRRIGATION PROJECT**  
Worland, WY  
\$964,000  
Estimator: Ed Allen

**BILLINGS WTP CLEARWELL  
BAFFLE PROJECT**  
Billings, MT  
\$953,000  
Estimator: Kelly Newman

**HARDIN WATSON DRIVE SEWER**  
Hardin, MT  
\$274,000  
Estimator: Ed Allen

**BY-PRODUCT PH. II**  
West Jordan, UT  
\$2,655,000  
Estimator: Rod Braegger

**BIG GOOSE WTP CLEARWELL  
ADDITION**  
Sheridan, WY  
\$2,608,000  
Estimator: Dave Loyning

**LAME DEER MUDDY CLUSTER**  
Lame Deer, MT  
\$3,627,000  
Estimator: Dave Loyning

**MELSTONE 2011 WATER  
SYSTEM IMPROVEMENTS**  
Melstone, MT  
\$969,000  
Estimator: Ed Allen

**WATSON BRIDGE**  
Vernal, UT  
\$1,889,000  
Estimator: Kash Tacke

**BUTTE TIFID II**  
Butte, MT  
\$4,860,000  
Estimator: Ed Allen

**JEREMY RANCH LIFT STATION**  
Jeremy Ranch, UT  
\$1,190,000  
Estimator: Ron Batt

**PROVO REACH 2**  
Provo, UT  
\$41,000,000  
Estimator: Rod Braegger