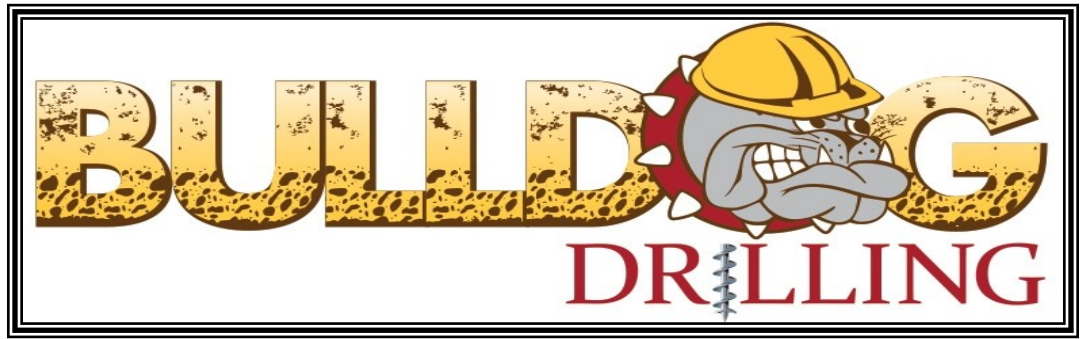


**2nd Quarter
2015
ISSUE**

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Most of our clients know that drilling vertical is our normal procedure. Some clients even like horizontal drilling. However recently some clients have had the need for angle drilling and that's where Bulldog Drilling, Inc. comes to the rescue. Bulldog Drilling has four rigs that can drill on an angle; the CME-550X, the CME-750, the AMS 9500-VTR DPT and the CME-75 Truck-mounted rig.

This past February, a client contracted Bulldog to soil sample, using the AMS 9500-VTR DPT rig, at a 45° angle. Augers were set to 10ft bgs, and MACRO® Core sampling with the fixed tip method was used to collect continuous soil samples to 45 feet below ground surface. The location of the sample intervals was targeted beneath holding ponds.

In May, a client from northern Illinois contracted Bulldog for angle drilling in a landfill. The scope included installation of monitoring wells for gas extraction. The drilling was accomplished with the CME-550X at a 45° and a 30° angle, off vertical. The deepest borehole went to 40ft with refusal in trash. Monitoring well material was installed through the hollow stem augers, which included 2" pipe, pea-gravel and a bentonite seal. Multiple locations were completed and the client was pleased with the results. Extra measures by the client and rig crew were taken for safety concerns prior to and during drilling operations. The scope of work was easily accomplished with the CME-550X and a well-seasoned drilling crew.





A Look From Within: Bridge Replacement



We wanted to highlight this recent project because of the location of the site. This project required soil borings that included split- spoon sampling, Shelby tubes and rock coring for a bridge replacement over the Metro-Link tracks just west of Busch Stadium. The two borings were drilled by our experienced crew that consisted of Chad Dutton & Charlie Jones. One of the borings was completed as a flush mount monitoring well and the other was grouted closed with cement/bentonite grout.

Because of the project location numerous reports and permits were required such as Missouri Well Report, Missouri Abandonment Report, City of St. Louis Street Opening Permit, Railroad Protective Liability Insurance and a Surety Bond. Also, let's not forget the Parking Meter Usage Permit that allowed us to park the drill rig in a parking space without feeding the meter. I'm sure this was quite the site for the parking meter reader to come upon. I wonder where they would have put the ticket!!

This is just one of the multi-faceted projects that we encounter and are able to complete to our client's satisfaction. For any size project call on the experienced staff of Bulldog Drilling.



Spring is when you feel like whistling
even with a shoe full of slush.

- Doug Larson



Otis' Corner

OTIS AND FRIENDS



Meet my new roommate Axel! He is a foster dog that has been living with us for a couple of weeks now. He gets to hang out at the office with me too! He tries to keep up with me, so he's been moving around a lot better than when he first came to stay with us. I guess you could say I have been a good influence on him!! He's even learned how to sneak out the door behind me when I go outside to play. (he doesn't play much though, so I don't have to share my tennis balls with him.)

My mom loves to be involved with Helping Strays. And don't tell her, but I kind of enjoy having another dog around to hang out with.

If you are interested in adopting a furever friend contact: www.helpingstrays.org



Meet Zoey, Otis's new friend in the neighborhood at home. Zoey is only 15 weeks old, so she's looking up to Otis to teach her the ropes. She has helped him and Tom get the mail already. She did learn that Otis gets to carry the paper. She will have to earn that chore with her owner someday.

Unfortunately, she might learn the hard way not to nibble on Otis's face. So far, he's being patient, but he will give her a little growl to let her know that it's something she shouldn't be doing and he's not a chew toy! He's hoping she will be a quick learner.



Zoey: Otis, what is that?
Otis: Zoey, that's laundry.
Zoey: Is it something we can play with?
Otis: I would say no, unless it's on the ground, then it's fair game.

"The most affectionate creature in the world is a wet dog." Ambrose Bierce

From The President's Desk

Well, we survived the winter with it's usual trials and tribulations. It always makes us appreciate the arrival of spring with the smell of fresh cut grass, tulips and daffodils blooming and the fact we don't have to wear layers of clothing!! I know the crews appreciate the warmer weather although the spring brings the challenge of rain and thunderstorms that can delay projects and cause equipment to get stuck in the muck!! We appreciate your patience and understanding if we have to delay your job due to these circumstances. We strive to give our clients the best service possible but sometimes Mother Nature just doesn't cooperate!

I also want to take this time to congratulate Charlie Jones on his 4 year anniversary and Chad Dutton on his 1 year anniversary with BDI.

Charlie has 9 years of experience as a driller's assistant and works with Chad Dutton on the CME-550X. He previously worked for other local drilling firms. In his off time Charlie enjoys working on vintage VW bugs.

Chad was employed with Harriss Drilling Services for 14 years until they closed the business in 2012. Previous to this he was a Fire Fighter in the United States Air Force for 3 years. Chad is an avid Harley rider in his spare time.

Charlie & Chad have had numerous compliments from clients regarding their good work ethic and the ability to get the job done to their utmost satisfaction. We are proud to have Charlie and Chad as part of the Bulldog Drilling Team!

**Thank you for taking the
time to read the
Bulldog Bulletin!
We appreciate all your
support and business.**



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Bulldog Drilling, Inc. offers high quality Geotechnical and Environmental drilling services to various types of clients including private individuals, Consulting Firms, State, Federal and Municipal Governments. We have the necessary equipment, trained personnel and experience to perform soil borings, soil sampling, monitoring well installation, rock coring, direct-push sampling, and many other services in support of Geotechnical and Environmental projects. We welcome the opportunity to provide our services for both small & large projects!

- **Geotechnical and Environmental Drilling, Sampling, and Monitoring Wells**
- **Woman-owned business**
- **Licensed in four Midwestern states & New Jersey**
- **More than 40 Years of Experience**