

## Schmenk, Colin R - DNR

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**From:** Ken Ebbott <kebbott@fehr-graham.com>  
**Sent:** Thursday, December 8, 2016 2:28 PM  
**To:** DuFresne, Kristin I - DNR  
**Cc:** Gallo, Donald P. DPG (6224); Williams, Michelle L. MLW (6231)  
**Subject:** Bay Towel Update

Kristin,

We're still digging at Bay Towel- but it is going ok despite the cold. We are going to go over the estimated tonnage in an effort to remove as much mass as we can afford. Based on wall samples, we expanded the dig, and I'm getting some floor samples and going a bit deeper than 8 feet in an effort to get more mass out. We are digging all the way to the north to the building perimeter wall adjacent to Chicago street, and then a little wider at some spots along the west and south walls.

The geology appears to be a black to pale gray silt with fine sand and white shells- river bottom deposits I suppose, and under that a gooey clay at about 8 or 9 feet. We're digging into the clay just a little to chase some PID hits, but not much - maybe a foot or two. We are placing BAM (activated carbon / nutrient mix) in the base and mixing it with remaining soil that we can't remove.

The Fenton's reagent treatment is done of the hottest soils, and we're expecting the lab results today to verify the soil is OK to landfill. There are seven 30 CY boxes of goo sitting at the site, hopefully not freezing too solidly yet. There were no worries about utilities allowing migration of utilities - the mixture was pretty much oatmeal in consistency, not a migrating threat. Since we're going to the footing wall with the dig out of utilities, no clay plug is being installed until the demo contractor removes the footing - then he will pack the bentonite around the plugged utility laterals.

There has also been a lot of concrete in the hole from footings, former buildings, etc. We have tested it in two locations where mixing was performed, and it has PCE, etc., but not at hazardous levels, so we've been landfilling it.

We will install well MW-1 where it was previously located - digging there to about 10 feet, and will install the well at about 9 feet. I assume that is OK - earlier you had indicated you did not want us to install a deeper pit for the well, for fear of breaching the clay. Groundwater is about five to six feet historically at that location.

Final restoration - we will have some base stone, sand fill, compacted, and then traffic bond gravel at the top. The traffic bond will limit infiltration better than a topsoil / grass mix.

I would like your OK of that restoration plan using compactible gravel to limit infiltration - it will help with getting the City permit to allow us to not have to vegetate.

I'll call you later today to touch base -

Thanks,

Ken

**KENDRICK EBBOTT** | P.G. Branch Manager  
Fehr Graham - Engineering & Environmental

1237 Pilgrim Road  
Plymouth, WI 53073  
P: 920.892.2444  
C: 920-980-4231  
F: 920.892.2620  
[www.fehr-graham.com](http://www.fehr-graham.com)