



Nellesen, Shelly

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Schenkelberg Assessment Review

Robert Miller <rmiller@thielegeotech.com>

Fri, Jan 13, 2017 at 3:09 PM

To: "Nellesen, Shelly" <shelly.nellesen@dnr.iowa.gov>

Cc: Gary Schenkelberg <schenkelberggary@yahoo.com>, "gregsiemann@gsglaw.com" <gregsiemann@gsglaw.com>, Bill Schenkelberg <bill.schenkelberg@thegraphicedge.com>

Shelly,

Per our phone conversation after the teleconference, the following is a summary of the planned activities:

1. No water sample from the Thelander heat pump well, because the well is at least 400 feet in the up-gradient ground water flow direction from the release area, and there is potential for influence from historical releases at properties between the well and project site release.
2. Conduct additional soil and ground water sampling in order to delineate constituents of concern east/southeast of the petroleum fuel release area. EB-10 will be located approximately 75 feet southeast of the source area at EB-4. The boring will be advanced to ground water. The soil sample with the highest field screening reading and a water table ground water sample will be analyzed for VOCs and associated petroleum hydrocarbon constituents by EPA Method 8260 and Iowa Method OA-2.
3. The area around the northeast waste oil AST will be observed for petroleum hydrocarbon staining. If no significant staining is observed on the ground around the secondary containment basin, no sampling will be conducted. If significant staining is observed, one additional shallow boring (EB-11) will be conducted in order to collect a soil sample and water table sample for laboratory analysis. The analyses will be the same methods as those selected for the samples for the delineation boring.
4. Conduct shallow remedial excavation at the area of impacted surface soils immediately west of the main building at the center of the property. Confirmation sampling will be conducted in general conformance with the compliance requirements in Chapter 137 – Land Recycling Program.

Additional delineation sampling will be scheduled for the week of January 23rd. Remedial excavation will be scheduled shortly afterward.

Please contact me if you have questions.

Thank you.

Robert



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From: Nellesen, Shelly [mailto:shelly.nellesen@dnr.iowa.gov]

Sent: Friday, January 06, 2017 9:31 AM

To: Gary Schenkelberg <schenkelberggary@yahoo.com>; gregsiemann@gsglaw.com; Robert Miller <rmiller@thielegeotech.com>

Cc: Dan Cook <dan.cook@dnr.iowa.gov>

Subject: Schenkelberg Assessment Review

Good Morning,

I've been looking through the Environmental Assessment for Schenkelberg Implement at 814 Pearl Street in Onawa. Since this site is moving along quickly (and we all want to keep it going), I'm including my comments in this email instead of a formal letter.

It looks like there are two areas of contamination. An area of groundwater contamination is in the NW corner of the property and is likely the result of a historical AST release (area is labeled as 'Bulk Oil' facility in Sanborn maps provided in the Phase I Report). To my knowledge, Schenkelberg Implement had never stored or handled petroleum products in this area of the property (please correct me if I'm wrong). There is also a smaller area of soil contamination next to the main building where Schenkelberg Implement stored waste oil.

The assessment phase of projects often takes a few rounds of work. I had the following comments regarding this assessment:

- 1) The groundwater plumes need to be delineated to action levels, particularly to the E/SE of EB-4A.
- 2) The maps included in the newest submittal indicate there is an AST on the northeast side of the property. The Phase I photos show secondary containment. I want to make sure we don't need to investigate this area before moving on. Can you provide some information about that area (is there any staining? what's the condition and age of the tank/ ancillary equipment)?

3) Are there any private wells near the property that need to be considered? Facility Explorer shows one well located NW of the site that is owned by Byron Thelander. If that well is located near the site, a sample would be helpful to make sure it's not been impacted (since the 1,2 DCE plume isn't defined in that direction). However, I acknowledge that accuracy of well location in Facility Explorer varies greatly and the well may not be in an area of concern for this site.

If you would like to schedule a teleconference to discuss the next steps of the project, please give me a few dates and times in the next week that would work for you. I'm out of the office Wednesday but other than that, I should be in.

Thanks,

Shelly Nellesen | Contaminated Sites

Iowa Department of Natural Resources

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Maps (16286.03) rv3 w add borings.pdf

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