

## Stoltz, Carrie R - DNR

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**From:** Christopher.Rog@ghd.com  
**Sent:** Tuesday, March 27, 2018 10:18 AM  
**To:** Stoltz, Carrie R - DNR  
**Subject:** RE: Kabel / Lindey Additional Borings  
**Attachments:** 11139422Kost-1-Results and Closure Request.pdf; proposed Kabel Lindey Borings.pdf

Hi Carrie and thanks for the response.

You may know I actually retired a while back, but have been trying to steer a few projects to an endpoint before I completely disappear. For now I am a go-between on this project between the project manager, Ryan Aamot of GHD and DNR and the City. But not for much longer. My emails sent to this address will be forwarded to Ryan. He will be in Rhinelander in late April and perhaps you guys can meet. If for any reason you need to contact me I am at [cjrog58@gmail.com](mailto:cjrog58@gmail.com) and I am happy to answer any questions that help those involved.

My responses below are in yellow

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**From:** Stoltz, Carrie R - DNR <Carrie.Stoltz@wisconsin.gov>  
**Sent:** Tuesday, March 27, 2018 8:17 AM  
**To:** Chris Rog <Christopher.Rog@ghd.com>  
**Subject:** RE: Kabel / Lindey Additional Borings

Hi Chris, I reviewed your proposal and have some comments. Please see below. Thanks, Carrie

- All Figures should be changed to GHD, not Sand Creek. Both the Figures and Tables must follow the instructions in the closure GIS form (4400-202). We have drafted a new figure last week with both sites shown on one map. It is in draft form but should be finished in a few days. For Lindey, we are not (yet) seeking closure.

**Figure 3:**

Where is the location of boring 2? At the southwest corner of the building, by the tip of the north arrow.

What does the large red square mean? That was the proposed dig area, if we were to dig the direct contact soils. See comment below on that.

I am assuming the green squares are proposed soil borings that are not marked and are not in the "key. How deep will be borings go? What is the sampling plan? From an email from Ryan:

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**From:** Ryan Aamot  
**Sent:** Friday, March 09, 2018 9:22 AM  
**To:** Chris Rog <[Christopher.Rog@ghd.com](mailto:Christopher.Rog@ghd.com)>  
**Subject:** RE: Lindey Dig Quote

The draft budget includes twelve borings to 12-feet and only includes soil sampling. I'd propose to collect three soil samples per boring and only analyze the deep samples if the shallower samples came back above criteria.  
Ryan

Why are you planning to excavate to 10' for D.C, soils? Where is the proposed excavation-the figure is not clear. The red square was the initially proposed dig, which I moved out of the way to show more borings, but

it's going to be either more investigation (the drilling) or skip the drilling and do a dig. The City will make that call shortly on which way we proceed. In the attached I moved the red square back to the proposed dig area. Sorry. The blue direct contact soils do not extend outside the footprint of the building as this map implies and needs to be corrected (and will be)

**Figure 4:** the status of the tanks needs to be labeled

- All tanks that cannot be verified as abandoned need to be located There are no remaining tanks at Lindey.

**Groundwater:** What do you plan to do about the ES exceedance for B-1? You will need to define degree and extent. It is defined by Kabel samples at GP-1, GP-2, GP-6, and GP-3, all of which are immediately downgradient of the Lindey B-1, all of which had no exceedances.

\*\*\*As we previously discussed grants and loans could be a possibility here. Yes, thanks.

## **Kabel**

Tell the story, why do you believe the contamination is coming from Lindey's? If you can supply information that clearly shows the contamination is coming from Lindey's, the committee can close out this site. The report (11139422Kost-1-Results and Closure Request) spells out the case for off-site migration onto Kabel. Also, I am under the impression that this site is not in need of 'closure', since it has no BRRTS number and is not an identified source of contamination.. Need to discuss the tanks-verify all tanks were abandoned.

Lindey: AFTER the City determines if it will be a dig or more investigation, We'll let you know what the plans are.

Kabel: Nothing further is planned there. No need for closure – it's not a BRRTS site.

Thanks Carrie!!

**We are committed to service excellence.**

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

Carrie Stoltz

Phone (715)365-8942

[Carrie.Stoltz@Wisconsin.gov](mailto:Carrie.Stoltz@Wisconsin.gov)

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**From:** [Christopher.Rog@ghd.com](mailto:Christopher.Rog@ghd.com) [<mailto:Christopher.Rog@ghd.com>]

**Sent:** Wednesday, March 21, 2018 12:48 PM

**To:** Stoltz, Carrie R - DNR <[Carrie.Stoltz@wisconsin.gov](mailto:Carrie.Stoltz@wisconsin.gov)>

**Subject:** Kabel / Lindey Additional Borings

Hi Carrie

Attached is a draft of the proposed additional soil borings for Lindey / Kabel upgradient. Does this answer the department's request for more definition at Lindey and meet the definition of a complete site investigation for both sites? Green squares are the proposed.

**Christopher Rog, PG, CPG**

**GHD**

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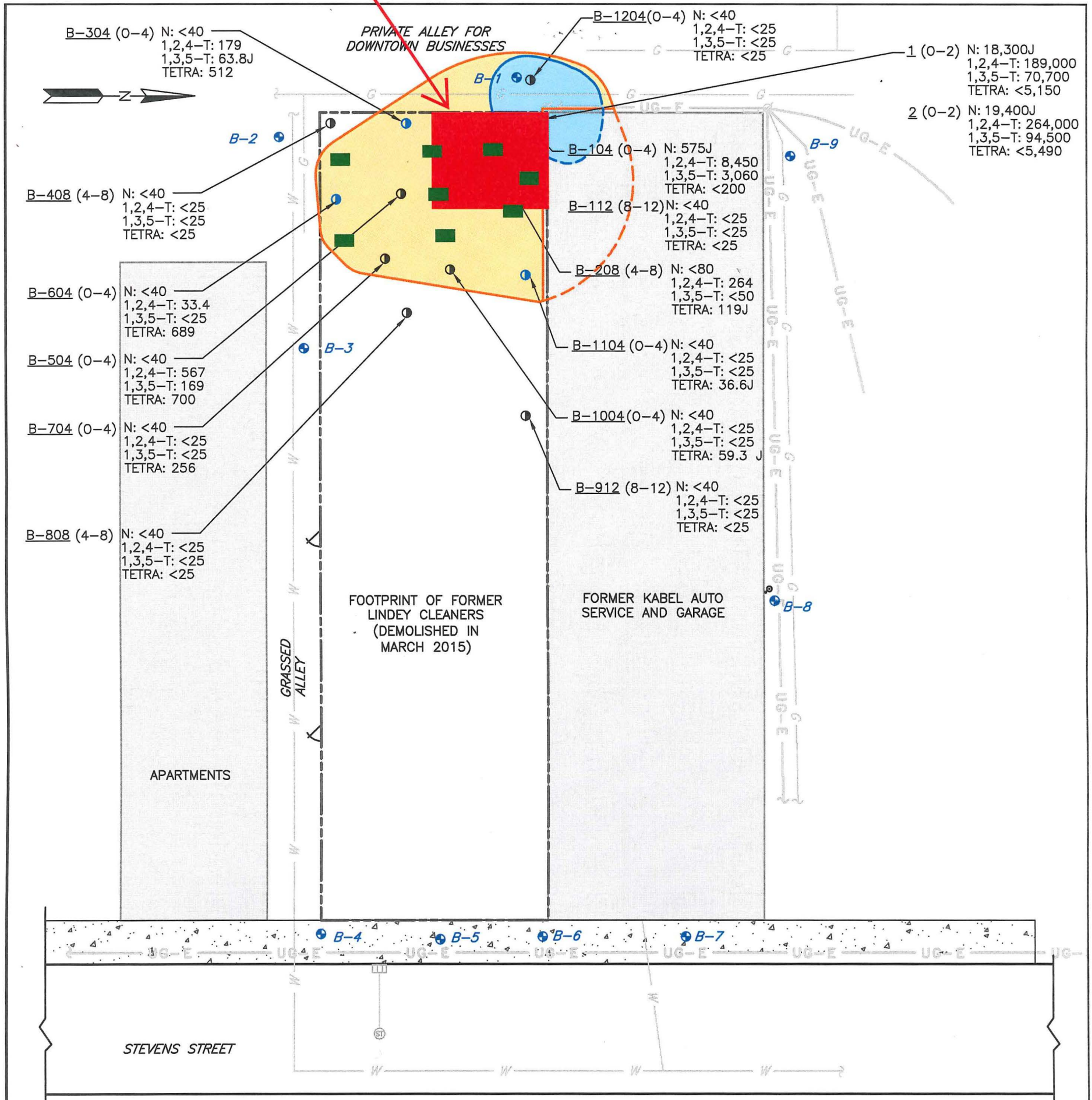
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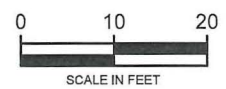


EXCAVATE 20' X 20' TO 10 FEET DEEP. DIRECT CONTACT SOILS ONLY



**LEGEND**

- EXISTING BUILDING
  - FORMER LINDEY'S PROPERTY LINE
  - UNDERGROUND ELECTRIC
  - GAS LINE
  - WATER LINE
  - CATCH BASIN
  - STORM SEWER MANHOLE
  - UTILITY POLE
  - CONCRETE SIDEWALK
  - SOIL BORING CONVERTED TO 1" MONITORING WELL
  - SOIL BORING LOCATION (APRIL 9, 2015)
  - ESTIMATED EXTENT FOR SOILS EXCEEDING DIRECT CONTACT RCL
  - ESTIMATED EXTENT OF SOILS EXCEEDING GROUNDWATER PATHWAY RCL (RESIDUAL CONTAMINANT LEVEL)
- ABBREVIATIONS USED**
- N=NAPHTHALENE  
 1,2,4-TRIMETHYLEBENZENE  
 1,3,5-TRIMETHYLEBENZENE  
 TETRA=TETRACHLORETHENE  
 ALL IN (µg/kg) MICROGRAMS PER KILOGRAM
- J=RESULTS BETWEEN THE LIMIT OF DETECTION AND THE LIMIT OF QUANTINATION



**APRIL 2015  
SOIL RESULTS**

FORMER LINDEY CLEANERS  
34 SOUTH STEVENS STREET  
RHINELANDER, WI

DATE: MAY 2015	DRAWN BY: KAP
SCALE: 1"=20'	APPROVED BY: CJR
<b>FIGURE 3</b>	

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**Christopher Rog, PG, CPG**

**GHD**

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