**From:** Beggs, Tauren R - DNR
**Sent:** Wednesday, May 26, 2021 10:13 AM
**To:** Byers, Harris
**Cc:** Adam Tegen
**Subject:** RE: Test Pits at Site 3 of River Point

Sorry I missed your call yesterday. Sounds good regarding what you outlined below Harris.

Regards,

**We are committed to service excellence.**
Visit our survey at http://dnr.wi.gov/customersurvey to evaluate how I did.

Tauren R. Beggs
Phone: (920) 510-3472
Tauren.Beggs@wisconsin.gov (preferred contact method during work at home)

---

**From:** Byers, Harris <Harris.Byers@stantec.com>
**Sent:** Wednesday, May 26, 2021 8:35 AM
**To:** Beggs, Tauren R - DNR <Tauren.Beggs@wisconsin.gov>
**Cc:** Adam Tegen <ategen@manitowoc.org>
**Subject:** RE: Test Pits at Site 3 of River Point

Good morning; I left you a VM on this yesterday and wanted to follow up with an email.

Your understanding is correct; the purpose of this work is to delineate the extent of this waste/fill material to plan for removal. As such, sampling of the material will focus on waste characterization (total VOC, SVOC, RCRA metals – as requested by Waste Management).

Once we understand the extent of the waste/fill, we will prepare a RAP for removal, which will include post-excavation soil sampling details.

Sincerely,

**Harris Byers, Ph.D.**
Sr. Brownfields Project Manager
Contaminant Hydrogeologist / Urban Geochemist

Direct: 414 581-6476
Harris.Byers@stantec.com

Stantec
12075 Corporate Parkway Suite 200
Mequon WI 53092-2649



---

**From:** Beggs, Tauren R - DNR <Tauren.Beggs@wisconsin.gov>
**Sent:** Tuesday, May 25, 2021 3:28 PM
**To:** Byers, Harris <Harris.Byers@stantec.com>

**Cc:** Adam Tegen <ategen@manitowoc.org>
**Subject:** RE: Test Pits at Site 3 of River Point

Hi Harris,

Not sure exactly what your purpose is of this proposed work, but just letting you know that it is highly likely that lab analysis will be needed for delineating degree and extent for NR 716 purposes and/or confirming that fill contaminated with the oxide box waste is removed. It sounds like this work may be more preliminary to just get a better handle on the approximate volume of material you would want to remove based on field indicators at this time.

Regards,

**We are committed to service excellence.**
Visit our survey at http://dnr.wi.gov/customersurvey to evaluate how I did.

Tauren R. Beggs
Phone: (920) 510-3472
Tauren.Beggs@wisconsin.gov (preferred contact method during work at home)

---

**From:** Byers, Harris <Harris.Byers@stantec.com>
**Sent:** Friday, May 21, 2021 4:24 PM
**To:** Beggs, Tauren R - DNR <Tauren.Beggs@wisconsin.gov>
**Cc:** Adam Tegen <ategen@manitowoc.org>
**Subject:** Test Pits at Site 3 of River Point

Tauren:

Just giving you a heads up that we are planning to install test pits at Site 3 of River Point on June 8 to further delineate the extents of apparent oxide box waste. That delineation will likely focus heavily on visual indications (e.g. type of fill and does the fill turn blue), PID measurements, and olfactory indications of oxide box waste. Lab sampling will likely be limited to waste characterization so we can plan/budget for removal and offsite disposal. The test pits will be small, so we are planning to temporarily return the spoil back to the trench.

The area of primary interest is outlined in blue on the attached. We previously detected cyanide in groundwater at TW-90, so we're planning a few test pits around that portion of the Property (outlined in orange) to determine if perhaps another source area(s) could be present. Time permitting, we may try a few test pits in the areas circled in tan to confirm the presence/thickness of the black granular fill materials. In the south-central portions of Site 3.

Sincerely,

**Harris Byers, Ph.D.**
Sr. Brownfields Project Manager
Contaminant Hydrogeologist / Urban Geochemist

Direct: 414 581-6476
Harris.Byers@stantec.com

Stantec
12075 Corporate Parkway Suite 200
Mequon WI 53092-2649

Figure No.
**7**
Title
**Sample Locations & Total Cyanide (ug/L) in Groundwater**

Client/Project
Riverpoint District Site 3
1110 Buffalo Street
City of Manitowoc

0 37.5 75 Feet

Prepared by HLB on 3/25/2020

N

**Legend**

- River Point District
- Site 3 - 1110 Bufalo Street
- Post-Slab Removal Sample Locations

Prior Sample Locations (Stantec, 2020)

- Soil Boring (2)
- Surface Grab (6)
- Soil Boring/Temp Well (13)
- Groundwater Monitoring Well (1)
- Groundwater Monitoring Well (AECOM, 2020) (9)

Removed Slabs and Foundations

- Former Oil House (4)
- Former Pump House (1)
- Former Storage (?) (1)
- Misc. Concrete (4)

Remaining Features

- Concrete Debris
- Concrete Slab
- Concrete Wall
- Oxide Box Waste

**Notes**

1. Coordinate System: NAD 1983 StatePlane Wisconsin South FIPS 4803 Feet
2. Historic Site features illustrated on this figure were digitized from multiple historic maps/sources, including City Assessor files, WDNR files, and Sanborn (R) Fire Insurance Maps. These features are provided for illustration purposes only; Stantec makes no warranty as to the accuracy of these features.
3. Orthophotograph: Manitowoc County, 2017

Stantec