

From: Beggs, Tauren R - DNR
Sent: Wednesday, September 9, 2020 8:15 AM
To: Kathleen McDaniel; 'Harris.Byers@stantec.com'
Cc: 'Gielniewski, Margaret'; Krueger, Sarah E - DNR; Chronert, Roxanne N - DNR; Adam Tegen; Dan Koski; Prasad, Narendra M; Paulson, Robert; Bartoszek, Brian F; Sheppard, Scott; Schmenk, Colin R -DNR
Subject: RE: Possible MGP residues from WPS on City property

Hi Kathleen and Harris,

DNR has reviewed all the information submitted and agrees with the additional sampling to better characterize what the material is and what impacts there are to soil and groundwater found on the site.

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: Paulson, Robert <robert.paulson@wecenergygroup.com>
Sent: Tuesday, September 8, 2020 4:09 PM
To: Kathleen McDaniel <kmcdaniel@manitowoc.org>; Bartoszek, Brian F <brian.bartoszek@wecenergygroup.com>; Sheppard, Scott <Scott.Sheppard@we-energies.com>; 'Harris.Byers@stantec.com' <Harris.Byers@stantec.com>
Cc: 'Gielniewski, Margaret' <gielniewski.margaret@epa.gov>; Krueger, Sarah E - DNR <sarah.krueger@wisconsin.gov>; Beggs, Tauren R - DNR <Tauren.Beggs@wisconsin.gov>; Chronert, Roxanne N - DNR <Roxanne.Chronert@wisconsin.gov>; Adam Tegen <ategen@manitowoc.org>; Dan Koski <dkoski@manitowoc.org>; Prasad, Narendra M <narendra.prasad@wecenergygroup.com>
Subject: RE: Possible MGP residues from WPS on City property

Hello Kathleen,

WPS has no comments on your plan to sample your property. We have reviewed information from the recently completed Pre-Design Investigation (June-July 2020) and Remedial Investigation results and didn't see indications of source material (including blue stained soils suggesting cyanide) in soil boring logs or membrane interface probe (MIP) profiles west of the WPSC property. Also, MGP coal tar residuals at the MGP site typically occur 5-ft below ground surface or deeper which is inconsistent with the photographs. We are confident that the material uncovered on the CN property is not the result of off-site migration from the WPSC MGP site.

Regards,

Bob

Robert Paulson
Principal Environmental Consultant
WEC Energy Group – Business Services
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Serving WEC Energy Group, We Energies, Wisconsin Public Service, Michigan Gas Utilities, Minnesota Energy Resources, Peoples Gas, North Shore Gas, Upper Michigan Energy Resources and Bluewater Gas Storage

From: Kathleen McDaniel <kmcdaniel@manitowoc.org>
Sent: Tuesday, September 8, 2020 2:41 PM
To: Bartoszek, Brian F <brian.bartoszek@wecenergygroup.com>; Paulson, Robert <robert.paulson@wecenergygroup.com>; Sheppard, Scott <Scott.Sheppard@we-energies.com>; 'Harris.Byers@stantec.com' <Harris.Byers@stantec.com>
Cc: 'Gielniewski, Margaret' <gielniewski.margaret@epa.gov>; 'sarah.krueger@wisconsin.gov' <sarah.krueger@wisconsin.gov>; 'Beggs, Tauren R - DNR' <Tauren.Beggs@wisconsin.gov>; 'Roxanne.Chronert@wisconsin.gov' <Roxanne.Chronert@wisconsin.gov>; Adam Tegen <ategen@manitowoc.org>; Dan Koski <dkoski@manitowoc.org>; Prasad, Narendra M <narendra.prasad@wecenergygroup.com>
Subject: RE: Possible MGP residues from WPS on City property
Importance: High

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Good afternoon,

To follow up, the City is planning to have Stantec do additional testing on our property tomorrow as part of our Site Assessment Grant, including groundwater and soil sampling. We intend to test for cyanide as part of this process. Please let us know if this is unacceptable to any of you for some reason by 5 pm today.



Kathleen M. McDaniel
Manitowoc City Attorney
900 Quay Street, Manitowoc, WI 54220
(920) 686-6990 | kmcdaniel@manitowoc.org



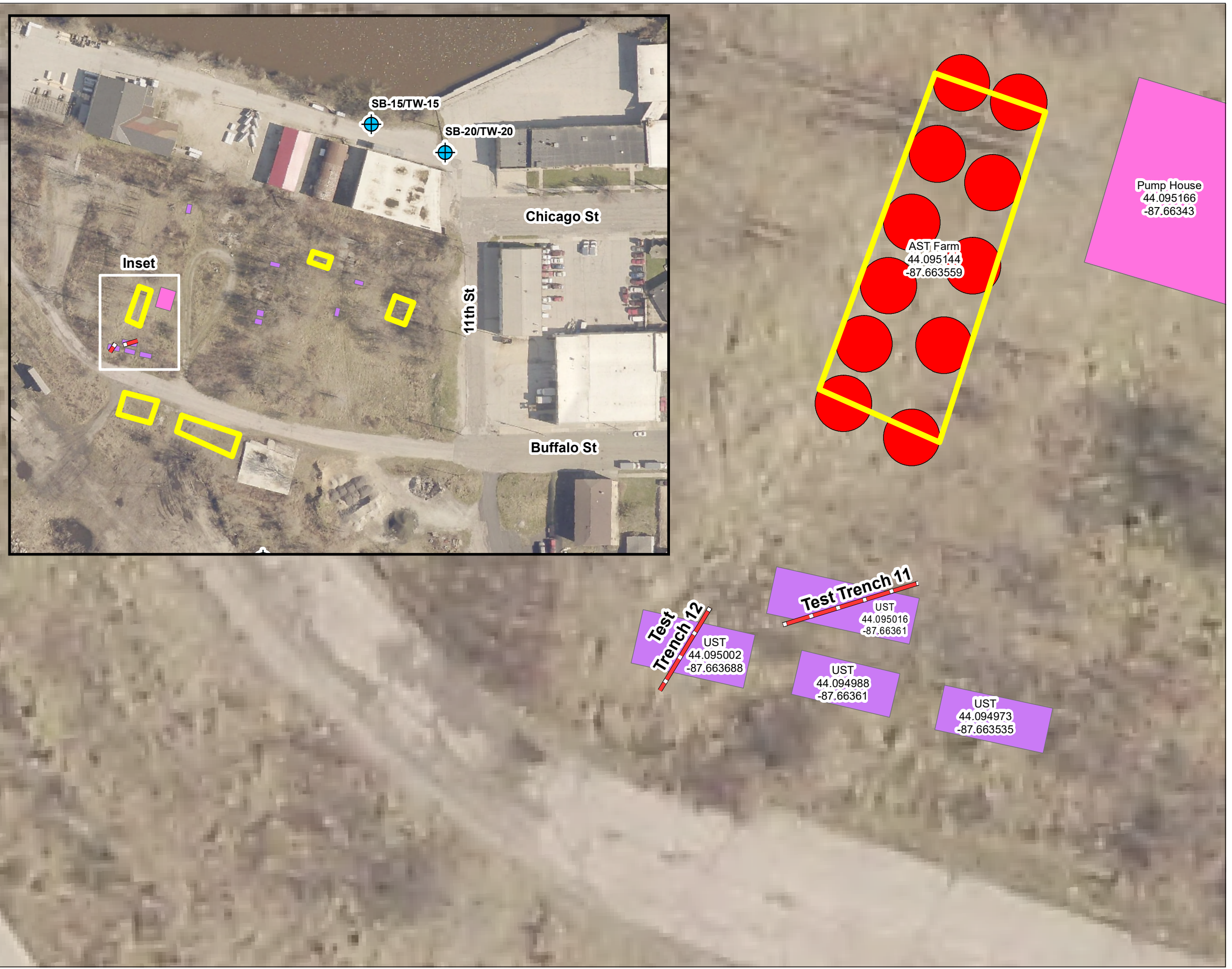


Figure No.
1
 Title
Test Trenchs 11 and 12

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

0 10 20 Feet
 Prepared by HLB on 8/18/2020

Legend

- Test Trench

Historic Site Features

- AST Farm
- Pump House
- UST
- Oil Tank (AST)
- Pump House



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



Figure No.

5

Title

Historic Site Features

Client/Project
Former CN Property
North 10th and 11th Streets
City of Manitowoc

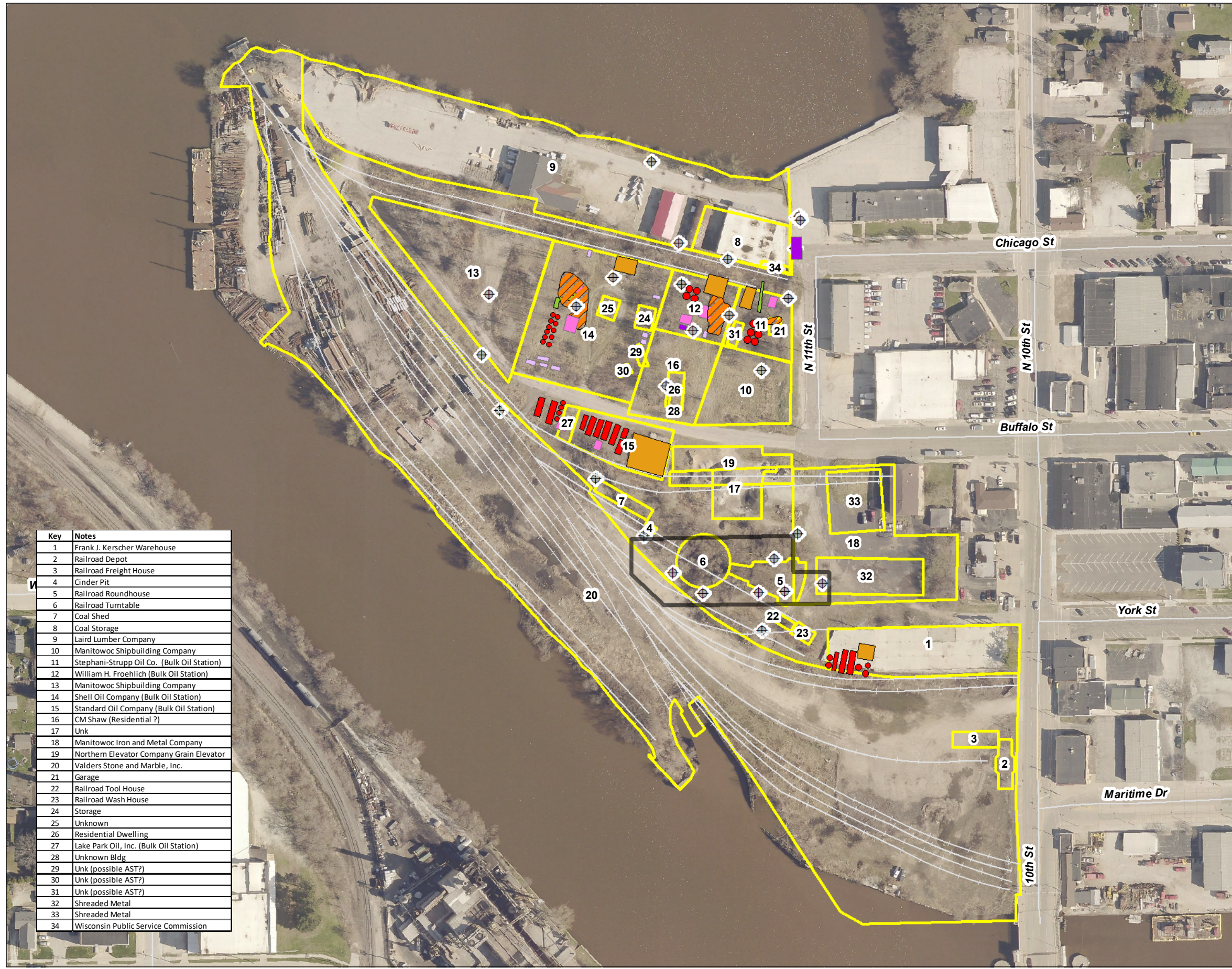
0 125 250 Feet
193706269
Prepared by HLB on 2/5/2020

Legend

- Cap Maintenance Area
- Railroad Spurs
- Previous Monitoring Well Locations
- Historic Site Features (see table for details)
- Prior Site Features (City Records)**
- Oil House (5)
- Oil Tank (AST) (42)
- Pump House (5)
- UST (2)
- Additional Site Features (WDNR Files)**
- Former UST (10)
- Product Piping (2)
- Pump House (2)
- Soil Excavation (3)



Key	Notes
1	Frank J. Kerscher Warehouse
2	Railroad Depot
3	Railroad Freight House
4	Cinder Pit
5	Railroad Roundhouse
6	Railroad Turntable
7	Coal Shed
8	Coal Storage
9	Laird Lumber Company
10	Manitowoc Shipbuilding Company
11	Stephani-Strupp Oil Co. (Bulk Oil Station)
12	William H. Froehlich (Bulk Oil Station)
13	Manitowoc Shipbuilding Company
14	Shell Oil Company (Bulk Oil Station)
15	Standard Oil Company (Bulk Oil Station)
16	CM Shaw (Residential?)
17	Unk
18	Manitowoc Iron and Metal Company
19	Northern Elevator Company Grain Elevator
20	Valders Stone and Marble, Inc.
21	Garage
22	Railroad Tool House
23	Railroad Wash House
24	Storage
25	Unknown
26	Residential Dwelling
27	Lake Park Oil, Inc. (Bulk Oil Station)
28	Unknown Bldg
29	Unk (possible AST?)
30	Unk (possible AST?)
31	Unk (possible AST?)
32	Shredded Metal
33	Shredded Metal
34	Wisconsin Public Service Commission



Notes

- Coordinate System: NAD 1983 StatePlane Wisconsin South FIPS 4803 Feet
- 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.
- Orthophotograph: Manitowoc County, 2017



From: Kathleen McDaniel <kmcdaniel@manitowoc.org>
Sent: Wednesday, September 2, 2020 4:02 PM
To: Bartoszek, Brian F (brian.bartoszek@wecenergygroup.com); 'Paulson, Robert'; 'Sheppard, Scott'; 'Harris.Byers@stantec.com'
Cc: 'Gielniewski, Margaret'; Krueger, Sarah E - DNR; Beggs, Tauren R - DNR; Chronert, Roxanne N - DNR; Adam Tegen; Dan Koski; 'Prasad, Narendra M'
Subject: RE: Possible MGP residues from WPS on City property
Attachments: IMG_1851.jpeg; Site 3 - Test Trenches.pdf; Figure 5 - Historic Site Features.pdf

Hi everyone,

Thanks for your patience in waiting for a response. Stantec is doing work for the City and Community Development Authority under a Site Assessment Grant from the Wisconsin Economic Development Corporation. As part of that work, Stantec was installing small shallow test trenches at Site 3 of the River Point District property (also referred to as the former CN Peninsula) on Friday, August 14, 2020 to confirm the status of remaining petroleum infrastructure (e.g. former slabs, foundations, storage tanks, piping, etc). As show in the previous photographs, a bright blue fluid infiltrated into test trench 11 and then again into test trench 12 accompanied by a distinct tobacco-like/burned odor (as described by the field crew). Surface soil encountered in the test trenches was consistent with surrounding granular fill noted across the Site (e.g. not wood chips). Out of an abundance of caution, Stantec immediately closed the test trenches with the removed soil and outlined the area with caution tape (see attached photo). The locations of test trench 11 and test trench 12 are illustrated on the attached figure and were installed to determine if historic underground storage tanks remain. The Lat/Long illustrated on the attached are the central coordinates of the tanks in WGS 84 coordinates. Nearby SB-15/TW-15 and SB-20/TW-20 were added to this drawing for reference as we detected total cyanide in groundwater at these locations during the Phase II ESA, in the vicinity of previously detected cyanide. From the Phase I ESA, Horizon Environmental Corporation completed a limited subsurface investigation in 1995 and noted the presence of total cyanide and SVOCs in soil and the presence of total and amenable cyanide and sulfate in groundwater at concentrations greater than the NR 140 ES.

In response to Brian's question, the development history of River Point District is detailed in the Phase I ESA. In summary, the peninsula appears undeveloped in 1835, with initial industrial development for coal transloading and lumber/sawmill occurring by 1868. The peninsula was redeveloped for railroad use in approximately 1895 (see Figure 5, adapted from the Phase II ESA). With respect to Site 3, Historic Sanborn® fire insurance maps indicate large portions of Site 3 were leased to bulk (fuel oil) petroleum storage companies by 1919, with significant expansions during the first half of the 20th Century. Petroleum infrastructure illustrated on a variety of historic maps/documents is summarized/illustrated on Figure 5. Based on borings completed during the Phase II ESA, large quantities of fill are present at the Site.

Please let us know if you have further questions or it would be helpful to have a Zoom call.



Kathleen M. McDaniel

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From: Kathleen McDaniel <kmcdaniel@manitowoc.org>

Sent: Monday, August 17, 2020 1:45 PM

To: 'Bartoszczek, Brian F' <brian.bartoszczek@wecenergygroup.com>; Paulson, Robert <robert.paulson@wecenergygroup.com>; Sheppard, Scott <Scott.Sheppard@we-energies.com>; Harris.Byers@stantec.com

Cc: Gielniewski, Margaret <gielniewski.margaret@epa.gov>; 'sarah.krueger@wisconsin.gov' <sarah.krueger@wisconsin.gov>; 'Beggs, Tauren R - DNR' <Tauren.Beggs@wisconsin.gov>; Chronert, Roxanne N - DNR (Roxanne.Chronert@wisconsin.gov) <Roxanne.Chronert@wisconsin.gov>; Adam Tegen <ategen@manitowoc.org>; Dan Koski <dkoski@manitowoc.org>; Prasad, Narendra M <narendra.prasad@wecenergygroup.com>

Subject: [SPAM-Sender] RE: possible MGP residues from WPS on City property

Hi Brian,

I'm looping in Harris Byers from Stantec to provide a figure to illustrate the location of Site 3. We're suspecting the blue color may be Fe-CN, which would likely be inconsistent with the railroad operations based on what we know from their files.



Kathleen M. McDaniel

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From: Bartoszczek, Brian F [<mailto:brian.bartoszczek@wecenergygroup.com>]

Sent: Monday, August 17, 2020 1:19 PM

To: Kathleen McDaniel; Paulson, Robert; Sheppard, Scott

Cc: Gielniewski, Margaret (gielniewski.margaret@epa.gov); 'sarah.krueger@wisconsin.gov'; 'Beggs, Tauren R - DNR'; Chronert, Roxanne N - DNR (Roxanne.Chronert@wisconsin.gov); Adam Tegen; Dan Koski; Prasad, Narendra M

Subject: RE: possible MGP residues from WPS on City property

Kathleen,

Can you provide a figure that illustrates where on the property these trenches are with respect to the WPS property? Any thought of the material being associated with operations from the railroad? It seems pretty shallow to be associated with the former MGP that ceased operation in the 1940's.

Thanks,
Brian

From: Kathleen McDaniel <kmcdaniel@manitowoc.org>
Sent: Monday, August 17, 2020 12:11 PM
To: Paulson, Robert <robert.paulson@wecenergygroup.com>; Bartoszek, Brian F <brian.bartoszek@wecenergygroup.com>; Sheppard, Scott <Scott.Sheppard@we-energies.com>
Cc: Gielniewski, Margaret (gielniewski.margaret@epa.gov) <gielniewski.margaret@epa.gov>; 'sarah.krueger@wisconsin.gov' <sarah.krueger@wisconsin.gov>; 'Beggs, Tauren R - DNR' <Tauren.Beggs@wisconsin.gov>; Chronert, Roxanne N - DNR (Roxanne.Chronert@wisconsin.gov) <Roxanne.Chronert@wisconsin.gov>; Adam Tegen <ategen@manitowoc.org>; Dan Koski <dkoski@manitowoc.org>
Subject: possible MGP residues from WPS on City property

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Good afternoon,

Stantec was digging shallow test trenches last Friday at Site 3 of the River Point District (the former CN Railroad property) to confirm the status of several historic Site features. Fluid entered the trench that could suggest the presence of MGP residues, as shown by the bright blue color in the below photos.





The contractor immediately stopped the excavation and back filled with removed soils to prevent possible direct contact. Stantec has ceased subsurface work in the vicinity of this area until we get a chance to discuss further.

I am writing to find out how you would like to proceed with the next steps.



Kathleen M. McDaniel

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