

From: Schultz, Josie M - DNR
Sent: Tuesday, July 14, 2020 11:51 AM
To: 'Killian, Paul'
Subject: RE: [EXT] One Hour Martinizing 02-05-217270
Attachments: RE: 1219 S Military

Hi Paul,

I've attached the email string for the conversation I had with Matt Heckenlaible and Jason Sladky from the City of Green Bay.

Thanks,
Josie

We are committed to service excellence.

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

Josie M. Schultz

Hydrogeologist – Northeast Region Remediation and Redevelopment Team

Wisconsin Department of Natural Resources

2984 Shawano Avenue, Green Bay, WI 54313-6727

Phone: 920-662-5424

Cell: 920-366-5685

Josie.Schultz@Wisconsin.gov



From: Killian, Paul <pkillian@geiconsultants.com>
Sent: Tuesday, July 14, 2020 11:47 AM
To: Schultz, Josie M - DNR <josie.schultz@wisconsin.gov>
Subject: RE: [EXT] One Hour Martinizing 02-05-217270

Josie

Can you send me a copy of the email you received from Jason and I will try to get you some answers.

Thank you.

GEI50

PAUL J. KILLIAN, P.E.

Vice President/Senior Project Manager

920.455.8200 cell: 920.737.5468 fax: 920.455.8225

3159 Voyager Drive, Green Bay, WI 54311



From: Schultz, Josie M - DNR <josie.schultz@wisconsin.gov>
Sent: Monday, July 13, 2020 10:45 AM
To: Killian, Paul <pkillian@geiconsultants.com>
Subject: RE: [EXT] One Hour Martinizing 02-05-217270

Hi Paul – No I have not yet.

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Josie M. Schultz

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From: Killian, Paul <pkillian@geiconsultants.com>
Sent: Monday, July 13, 2020 10:36 AM
To: Schultz, Josie M - DNR <josie.schultz@wisconsin.gov>
Subject: Re: [EXT] One Hour Martinizing 02-05-217270

Josie

Did you get a response to this?

Thank you.

P.Killian
920 737 5468

On Jul 8, 2020, at 9:49 AM, Schultz, Josie M - DNR <josie.schultz@wisconsin.gov> wrote:

Good Morning Paul,

Jason Sladky from the City of Green Bay emailed me, and it sounds like there are quite a few plumbing issues within the building that may be playing a factor on vapors entering. I wanted to touch base to see if there is a timeframe for when these plumbing issues will be fixed, along with new blower installation. I am also still in need of the demographics/occupancy of businesses in the building; this was due to me on July 22nd, and I still have yet to receive it.

Thank you,
Josie

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Josie M. Schultz

Hydrogeologist – Northeast Region Remediation and Redevelopment Team

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Josie.Schultz@Wisconsin.gov

<image001.gif>

dnr.wi.gov

<image002.gif>

<image003.gif>

<image004.gif>

<image005.gif>

<image006.gif>

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From: Schultz, Josie M - DNR
Sent: Tuesday, July 7, 2020 12:12 PM
To: 'Matt Heckenlaible'; Jason Sladky
CC: Peter Skogg
Subject: RE: 1219 S Military

Hi Matt,

Good to know that the main doesn't keep heading down St. Agnes or East on 9th Street; a lot less residential homes involved.

Good questions. Tetrachloroethylene (PCE) is a dense non-aqueous phase liquid (DNAPL) and generally flows and volatilizes in the direction of flow downstream. A recent study was performed by the Department of Defense, and can be found at the bottom of [this web page](#) if you'd like some more information on sanitary sewers acting as a preferential pathway for contamination. The executive summary PDF at the bottom of the page is more concise, but doesn't offer as much in-depth information as the Final Report PDF.

For the sewer investigation, it's recommended to sample vapors from an upgradient manhole, manhole directly downgradient from the source, and one further downgradient. I'm sure Paul Killian or I will be in touch with you when we get to the point of sampling the sanitary vapors.

Please let me know if you have any additional questions or information.

Thanks,

Josie

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Josie M. Schultz

Hydrogeologist – Northeast Region Remediation and Redevelopment Team
Wisconsin Department of Natural Resources
2984 Shawano Avenue, Green Bay, WI 54313-6727
Phone: 920-662-5424

Cell: 920-366-5685

Josie.Schultz@Wisconsin.gov



From: Matt Heckenlaible <Matt.Heckenlaible@greenbaywi.gov>

Sent: Tuesday, July 7, 2020 11:30 AM

To: Schultz, Josie M - DNR <josie.schultz@wisconsin.gov>; Jason Sladky <Jason.Sladky@greenbaywi.gov>

Cc: Peter Skogg <Peter.Skogg@greenbaywi.gov>

Subject: RE: 1219 S Military

Morning Josie

The map that I sent to you back in the early part of June will still be applicable for the most part. I have reattached it to this e-mail. The sanitary sewer on St. Agnes flows to the south to 9th, west on 9th to Military and then follows the previously identified path.

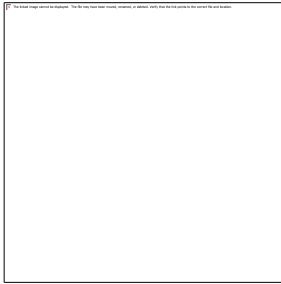
Regarding the vapor, as it liquid flows within the sewer system, I'm presuming that the liquid will then off gas (volatilize). What is the density of that vapor? Will it follow the path of liquid and go downstream or is it lighter than air and flow upstream the against the flow and look to escape out of the sanitary sewer system via manhole, floor drains, vent stacks, etc? Depending on the characteristics of the vapor may change the mapping that I have attached.

Thanks.

Matt Heckenlaible, PE

(920) 448-3112 (Direct)

MattHe@greenbaywi.gov



From: Schultz, Josie M - DNR [<mailto:josie.schultz@wisconsin.gov>]
Sent: Tuesday, July 07, 2020 10:57 AM
To: Jason Sladky
Cc: Matt Heckenlaible; Peter Skogg
Subject: RE: 1219 S Military

Hi Jason,

Thank you for this information, and hopefully this will help close some loops.

Matt, would you be able to send me a map of where the St. Agnes sanitary leads to? Next step for the project will be to sample vapors within the sanitary sewers, and DNR is most concerned with residential homes connected to this sanitary main that may unknowingly be experiencing similar vapor issues.

Thanks,

Josie

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Josie M. Schultz

Hydrogeologist – Northeast Region Remediation and Redevelopment Team
Wisconsin Department of Natural Resources
2984 Shawano Avenue, Green Bay, WI 54313-6727
Phone: 920-662-5424

Cell: 920-366-5685

Josie.Schultz@Wisconsin.gov



From: Jason Sladky <Jason.Sladky@greenbaywi.gov>

Sent: Tuesday, July 7, 2020 8:06 AM

To: Schultz, Josie M - DNR <josie.schultz@wisconsin.gov>

Cc: Matt Heckenlaible <Matt.Heckenlaible@greenbaywi.gov>; Peter Skogg <Peter.Skogg@greenbaywi.gov>

Subject: 1219 S Military

Hi Josie,

We were able to dye out the sewers and I think we have a pretty good handle on what is going on in the building. I have attached a PDF drawing to explain a bit of what we found. It is not to scale and does not show everything in the building, just the parts we believe are important to what we're dealing with.

There has been numerous plumbing projects inside the building without permits by unqualified persons that appear to have left open sanitary drains along with many unknowns. I will write

orders against the building to have a licensed plumber bring the system into compliance with SPS 381-387 but will wait to hear from WDNR on how to address the contaminated clear-water.

Call any time with questions or to provide guidance concerning the clear-water.

Thank you,

Jason Sladky

Plumbing/HVAC Inspector

City of Green Bay

Department of Community and Economic Development

100 N. Jefferson Street, Room 608

Green Bay, WI 54301-5026

(e)jasonsl@greenbaywi.gov

(p)920.448.3298

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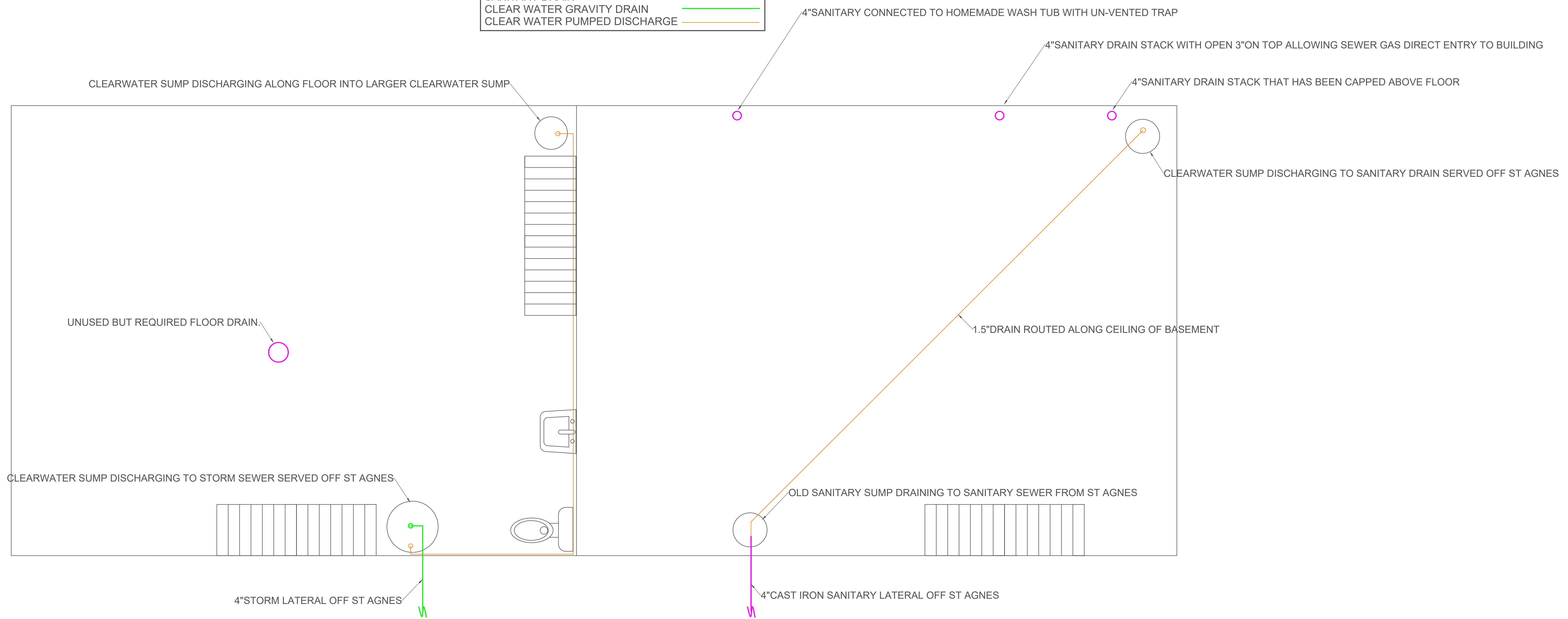
(w)www.greenbaywi.gov

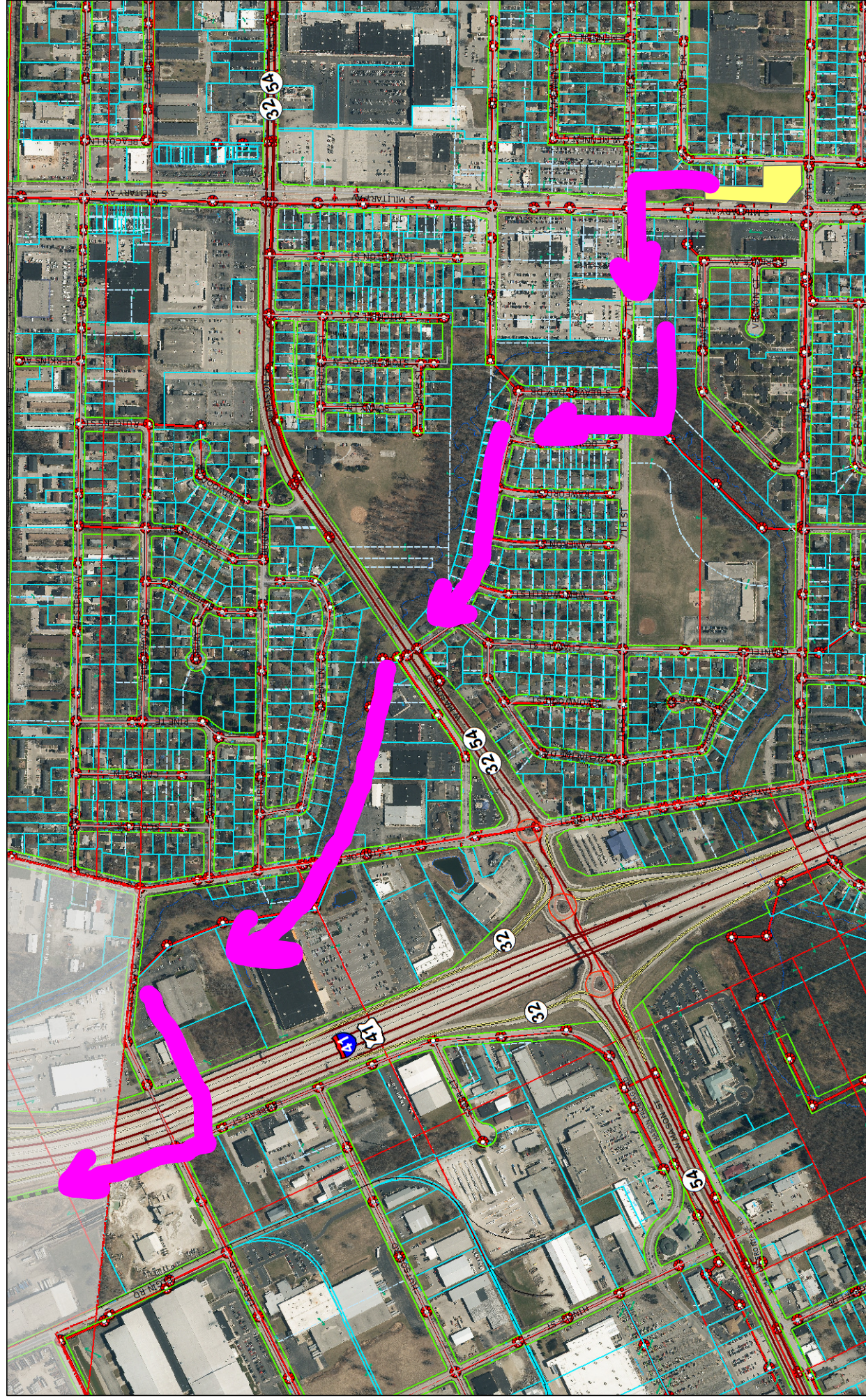
DRAIN AND VENT NOTES

IT IS BELIEVED ALL SANITARY DRAINS ASIDE FROM ABANDON BATHROOM NEAR EAST WALL DRAIN TO S MILITARY
 DYE TESTING SHOWED THE LATERAL ABOVE THE LARGE PIT IN THE SOUTH BASEMENT IS CONNECTED TO THE STORM IN ST AGNES
 DYE TESTING SHOWED THE LATERAL ABOVE THE SANITARY PIT GOES TO SANITARY IN ST AGNES
 PLUMBING SYSTEM HAS BEEN TAMPERED WITH BY UNQUALIFIED PERSONS RESULTING IN OPEN SANITARY DRAINS AND MOST LIKELY VENTS
 THROUGHOUT THE BUILDING. THESE ITEMS WILL BE ORDERED CORRECTED ASIDE FROM THE DNR MANDATES
 THIS DOES NOT SHOW ALL OF THE DRAIN AND VENT PIPING IN THE BUILDING

LEGEND

SANITARY DRAIN	—
CLEAR WATER GRAVITY DRAIN	—
CLEAR WATER PUMPED DISCHARGE	—





City of Green Bay Sewer System

This map is for informational purposes only and does not constitute an engineering or planning document. It is based on data provided by the City of Green Bay Public Works Department as of June 30, 2023. The City of Green Bay is not responsible for any errors or omissions on this map.

Map prepared by City of Green Bay Public Works Department, June 30, 2023.

Legend:

- Existing Sewer Main (Red line)
- Proposed Sewer Main (Green line)
- Sanitary Sewer (Blue line)
- Storm Sewer (Cyan line)
- Manhole (Red circle)
- Lift Station (Red square)
- Clearcut (Red circle)
- Flow Arrows (Yellow arrow)
- Property Boundary (Cyan line)
- Street (Black line)
- Highway (Black line with shield)
- Waterway (Blue line)
- Other Utility (Black line)

Scale: 1" = 125' Feet