

**From:** [Dillon Plamann](#)  
**To:** [Schultz, Josie M - DNR](#)  
**Cc:** [Kelsey Bird](#)  
**Subject:** RE: Bay Towel - Solvent Investigation, BRRTS #02-05-237064  
**Date:** Tuesday, December 13, 2022 5:04:17 PM  
**Attachments:** [image001.png](#)

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Hi Josie,

Thank you very much for reviewing so quickly. We will sample manhole #3218 as the other upgradient manhole.

Yes the City believes that the entire sewer main between Manhole #3217 and S. Adams Street is abandoned. We are thinking that is why that sewer main is highlighted yellow on the attached map.

Thank you!

**DILLON PLAMANN, PG | Project Hydrogeologist  
Fehr Graham | Engineering & Environmental**

909 North 8th Street, Suite 101  
Sheboygan, WI 53081  
C: 920.946.2407  
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**From:** Schultz, Josie M - DNR <[josie.schultz@wisconsin.gov](mailto:josie.schultz@wisconsin.gov)>  
**Sent:** Tuesday, December 13, 2022 4:02 PM  
**To:** Dillon Plamann <[dplamann@fehrgraham.com](mailto:dplamann@fehrgraham.com)>  
**Cc:** Kelsey Bird <[kbird@fehrgraham.com](mailto:kbird@fehrgraham.com)>  
**Subject:** RE: Bay Towel - Solvent Investigation, BRRTS #02-05-237064

Hi Dillon,

I've reviewed the figures and agree that the manhole at the corner of Chicago and Jefferson would be the next best sampling point for an upgradient sample. Does the City think the entire sewer main between Manhole 3217 and Adams St is abandoned as well?

Thanks,  
Josie

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**Josie Schultz**

Cell Phone: (920) 366-5685

[Josie.Schultz@Wisconsin.gov](mailto:Josie.Schultz@Wisconsin.gov)





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**From:** Dillon Plamann <[dplamann@fehrgraham.com](mailto:dplamann@fehrgraham.com)>  
**Sent:** Tuesday, December 13, 2022 3:20 PM  
**To:** Schultz, Josie M - DNR <[josie.schultz@wisconsin.gov](mailto:josie.schultz@wisconsin.gov)>  
**Cc:** Kelsey Bird <[kbird@fehrgraham.com](mailto:kbird@fehrgraham.com)>  
**Subject:** RE: Bay Towel - Solvent Investigation, BRRTS #02-05-237064

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Good afternoon Josie,

Yesterday we went to the Bay Towel site to complete the sanitary sewer vapor sampling. We were able to collect the samples from upgradient sewer manhole #3226 and downgradient sewer manhole #3210 with no issues.

Upon opening other upgradient sample at manhole #3217 with personnel from the City, it was determined that this manhole, along with the sanitary sewer line on the south side of Chicago Street between S. Jefferson Street and S. Adams Street, was abandoned. Therefore, it was not possible to collect a sanitary sewer vapor sample from this location.

We have been working with the City today to find another manhole to sample. As an alternative, it appears that that manhole #3218 would be a sufficient replacement. Manhole #3218 is located at the north corner of Chicago Street and S. Jefferson Street, just east of manhole #3217.

Manhole #3218 is not marked, but see the attached maps to see the locations. Please let me know if this is an acceptable replacement. We would like to get the sample as soon as we can while we still have the summa cannister from the lab.

Thank you,

**DILLON PLAMANN, PG | Project Hydrogeologist**  
**Fehr Graham | Engineering & Environmental**

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**From:** Dillon Plamann  
**Sent:** Thursday, November 3, 2022 1:47 PM  
**To:** Schultz, Josie M - DNR <[josie.schultz@wisconsin.gov](mailto:josie.schultz@wisconsin.gov)>  
**Subject:** RE: Bay Towel - Solvent Investigation, BRRTS #02-05-237064

Thank you Josie!

**DILLON PLAMANN, PG | Project Hydrogeologist**  
**Fehr Graham | Engineering & Environmental**

909 North 8th Street, Suite 101  
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C: 920.946.2407  
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**From:** Schultz, Josie M - DNR <[josie.schultz@wisconsin.gov](mailto:josie.schultz@wisconsin.gov)>  
**Sent:** Wednesday, November 2, 2022 4:07 PM  
**To:** Dillon Plamann <[dplamann@fehrgraham.com](mailto:dplamann@fehrgraham.com)>  
**Subject:** RE: Bay Towel - Solvent Investigation, BRRTS #02-05-237064

Hi Dillon,

Sanitary sewer manhole locations look acceptable. Please note that investigations are iterative and if vapor concentrations are detected greater than 10% of the SSGSL at any of these locations, then additional sampling may be warranted.

Please accept this email as your notice to proceed with the sanitary vapor investigation.

Thanks,  
Josie

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

Josie Schultz

Cell Phone: (920) 366-5685

[Josie.Schultz@Wisconsin.gov](mailto:Josie.Schultz@Wisconsin.gov)



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**From:** Dillon Plamann <[dplamann@fehrgraham.com](mailto:dplamann@fehrgraham.com)>  
**Sent:** Wednesday, November 2, 2022 3:00 PM  
**To:** Schultz, Josie M - DNR <[josie.schultz@wisconsin.gov](mailto:josie.schultz@wisconsin.gov)>  
**Subject:** RE: Bay Towel - Solvent Investigation, BRRTS #02-05-237064

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Good afternoon Josie,

After further review and discussion, we have made revisions to our sanitary sewer vapor investigation work plan. The updated plan is as follows:

We have finished determining the locations for the sanitary sewer vapor investigation samples (see attached map). Two upgradient sample points, and one downgradient sample point is marked on the map. Sanitary sewer vapor investigation samples will be collected in accordance with RR-649 guidance.

For the sanitary sewer samples, the vapor samples will be collected by first removing the cover to insert the tubing at the appropriate place to collect a vapor sample with in the headspace of the conduit. Once the tubing is installed, each conduit will be allowed to equilibrate for at least an hour. After the conduits equilibrate, vapor samples will be collected via a 1 L summa grab sample. The vapor samples will be submitted to the lab for analysis of CVOCs (PCE, TCE, cis- & trans-DCE, & VC) via TO-15.

Please confirm that the sample locations for the sanitary vapor investigation are acceptable and provide any additional feedback.

Thank you,

**DILLON PLAMANN, PG | Project Hydrogeologist**  
**Fehr Graham | Engineering & Environmental**

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**From:** Dillon Plamann

**Sent:** Friday, September 30, 2022 10:17 AM

**To:** Schultz, Josie M - DNR <[josie.schultz@wisconsin.gov](mailto:josie.schultz@wisconsin.gov)>

**Subject:** Bay Towel - Solvent Investigation, BRRTS #02-05-237064

Good morning Josie,

We have finished determining the locations for the sanitary sewer vapor investigation samples (see attached map). One upgradient, and two downgradient sample points are marked on the map. Sanitary sewer vapor investigation samples will be collected in accordance with RR-649 guidance.

For the sanitary sewer samples, the vapor samples will be collected by first removing the cover to insert the tubing at the appropriate place to collect a vapor sample with in the headspace of the conduit. Once the tubing is installed, each conduit will be allowed to equilibrate for at least an hour. After the conduits equilibrate, vapor samples will be collected via a 1 L summa grab sample. The vapor samples will be submitted to the lab for analysis of CVOCs (PCE, TCE, cis- & trans-DCE, & VC) via TO-15.

Please confirm that the sample locations for the sanitary vapor investigation are acceptable and provide any additional feedback.

Thank you,

**DILLON PLAMANN, PG | Project Hydrogeologist**  
**Fehr Graham | Engineering & Environmental**