

## Pfeiffer, Jane K - DNR

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**From:** Pfeiffer, Jane K - DNR  
**Sent:** Wednesday, January 25, 2023 12:48 PM  
**To:** 'Robert Reineke'  
**Cc:** Shane LaFave; Que El-Amin; Pratap Singh  
**Subject:** RE: Community Within the Corridor - West Block (02-41-587376) - Next Steps for VMS Commissioning

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Thanks for the email, Robert. The DNR looks forward to reviewing the information once it is submitted.

Best, Jane

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**Jane Pfeiffer**

Phone: (414) 435-8021

[jane.pfeiffer@wisconsin.gov](mailto:jane.pfeiffer@wisconsin.gov)

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**From:** Robert Reineke <[rreineke@ksinghengineering.com](mailto:rreineke@ksinghengineering.com)>  
**Sent:** Wednesday, January 25, 2023 12:11 PM  
**To:** Pfeiffer, Jane K - DNR <[jane.pfeiffer@wisconsin.gov](mailto:jane.pfeiffer@wisconsin.gov)>  
**Cc:** Shane LaFave <[Shane@roerscompanies.com](mailto:Shane@roerscompanies.com)>; Que El-Amin <[que@scott-crawford.com](mailto:que@scott-crawford.com)>; Pratap Singh <[psingh@ksinghengineering.com](mailto:psingh@ksinghengineering.com)>  
**Subject:** RE: Community Within the Corridor - West Block (02-41-587376) - Next Steps for VMS Commissioning

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Jane,

Thank you for your feedback. We will be preparing a response to this promptly.

We have performed additional Summa Canister sampling in Building 5 and in Building 6 on both sides of the duct bank. We will submit the results as part of the response, but both sides were no detect for TCE (<0.237 ug/m3), the Building 5 side detected PCE at 0.68 ug/m3 and the Building 6 side was no detect for PCE (<0.278 ug/m3).

**Robert Reineke, PE**

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**From:** Pfeiffer, Jane K - DNR <[jane.pfeiffer@wisconsin.gov](mailto:jane.pfeiffer@wisconsin.gov)>  
**Sent:** Wednesday, January 25, 2023 8:40 AM  
**To:** Robert Reineke <[rreineke@ksinghengineering.com](mailto:rreineke@ksinghengineering.com)>  
**Cc:** Shane LaFave <[Shane@roerscompanies.com](mailto:Shane@roerscompanies.com)>; Que El-Amin <[que@scott-crawford.com](mailto:que@scott-crawford.com)>  
**Subject:** Community Within the Corridor - West Block (02-41-587376) - Next Steps for VMS Commissioning

Greetings,

On December 28, 2022, the DNR received *Third Round of Commissioning for Community Within the Corridor – West Block – Buildings 6, 7, 8A, and 8B* (report) without a fee for the above-referenced site. The DNR has the following feedback pertaining to the report:

- In the report K. Singh indicates that, based on the results from the first three rounds of commissioning, the vapor mitigation system (VMS) is operating as intended. Based on the DNR review of the VMS commissioning thus far, the DNR does not agree that commissioning is complete as two of the three rounds of indoor air sampling in the northern site buildings identified vapor action level (VAL) exceedances. Additional VMS commissioning is required to demonstrate the VMS is effectively mitigating the vapor intrusion risk at the site.
- The source(s) of the above-discussed indoor air VAL exceedances have not been identified, therefore, more work is needed to investigate the source(s) of this indoor air contamination. Moreover, it is currently unclear whether the sealing of the pipes between buildings 5 and 6, which were previously suggested to be a migration pathway for the identified indoor air contamination, is the reason why VAL exceedances were not identified in the 3<sup>rd</sup> round of commissioning. The DNR previously requested sampling near this piping and it appears that this sampling has not occurred. The DNR recommends that this sampling occur to investigate this potential migration pathway.
- No VMS commissioning has occurred in the southern site buildings (i.e., buildings 4 and 5) because the VMS in these buildings has not yet been activated. It is unknown whether indoor air contamination in the southern buildings is migrating to the northern buildings. The commissioning information for the southern portion of the building is necessary to understand the conditions throughout all of the site buildings.
- Concurrent commissioning activities should be conducted for the southern and northern VMS when the southern VMS is operational. This should occur as soon as possible.

The DNR requests that a work plan be submitted within 30-days of the date of this email, by February 24, 2023, in response to the above comments. This work plan should include a schedule of the additional commissioning plans for the entire site and should specifically call out the anticipated start-up for the VMS for buildings 4 and 5. A technical assistance fee must be included if you want a DNR review and response to this work plan. Please reach out with any questions you might have.

Thank you, Jane

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**Jane K. Pfeiffer**

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