

**From:** Chris Rogers <Chris.Rogers@westwoodps.com>  
**Sent:** Friday, March 12, 2021 3:45 PM  
**To:** Schultz, Josie M - DNR  
**Cc:** Campoli, Karen L - DNR  
**Subject:** RE: BRRTS 02-31-564071 Site Status Update Allyns

**Follow Up Flag:** Follow up  
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Hello Josie and Karen,

Below are my responses to your questions:

Question 1. For Tests 1, 2, and 3 the surrogate vacuum was used and a vacuum of 10 inches of water was applied to the system.

Question 2. After communication testing the VMS was placed back into operation. The vacuum was not measured after the cracks were repaired. Our plan is to complete that at the next site visit. Reasoning – The fan/motor on the VMS operates on a much lower vacuum than the communication test via surrogate vacuum. We wanted to allow the system enough time to stabilize under vacuum.

Question 3. We were only able to cross reference two of the communication points with sampling points. I am fairly confident that North is up on Diagram 1. (reference 1/13/18 system schematic from A-1 Radon). Sampling point COMM 1 matches with V2 (Nov 2016 sampling) and COMM 4 Matches with V1 (Nov 2016 sampling). We could not find evidence of the initial system suction points other than the following: We believe that COMM 1 also matches with VP1 (reference 1/13/18 system schematic) and COMM 4 matches VP9 (reference 1/13/18 system schematic). Cross referencing these points/values may not be the most accurate representation though as we cannot confirm the equipment or units that the initial system was measured in.

I will work with Mr. Emery on securing an updated OM&M plan and get an inspection logged for 2021.

Please do not hesitate to reach out to me with any questions.

Very Respectfully,  
Chris

**Christopher J. Rogers, P.G.**

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**From:** Schultz, Josie M - DNR <[josie.schultz@wisconsin.gov](mailto:josie.schultz@wisconsin.gov)>  
**Sent:** Thursday, March 11, 2021 11:35 AM  
**To:** Chris Rogers <[Chris.Rogers@westwoodps.com](mailto:Chris.Rogers@westwoodps.com)>  
**Cc:** Campoli, Karen L - DNR <[karen.campoli@wisconsin.gov](mailto:karen.campoli@wisconsin.gov)>  
**Subject:** RE: BRRTS 02-31-564071 Site Status Update Allyns

Hi Chris,

I've reviewed the Site Status Update for Allyn Property with Karen and DNR's VI team leader, Jennifer Borski, and we have a few questions:

1. For Tests 1, 2, and 3, were these utilizing the VMS's vacuum, or a surrogate vacuum (e.g. a modified shop vac)?
2. After communication testing, was the VMS turned back on? Was vacuum measured and recorded from the vapor pins (Comm 1 through Comm 4) while the VMS was running after cracks were sealed?
3. Where are the system suction points located? The [VMS OM&M Plan](#) that was submitted to DNR via email from John Emery on 1/13/2018 includes a schematic of the system, however doesn't have a scale or north arrow, so it's hard to tell where exactly in the building the drop points are located.

After review of VMS documentation and the recent status update report, additional documentation may need to be submitted for the VMS, along with an updated OM&M plan. Please refer to [RR-981](#) for guidance on maintenance plans for vapor mitigation systems. DNR has recently published an updated inspection log specifically for vapor mitigation systems, which I've attached. Please fill out form 4400-321 as a site-specific inspection log for this system (this has replaced the Form 4400-305 that's linked on the last page of RR-981).

DNR agrees that another round of indoor air sampling should be obtained, but first needs clarification on the items listed above. Please don't hesitate to call me at 920-366-5685 if you would like to discuss.

Thank you,  
Josie

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**Josie M. Schultz**

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**From:** Chris Rogers <[Chris.Rogers@westwoodps.com](mailto:Chris.Rogers@westwoodps.com)>  
**Sent:** Wednesday, March 3, 2021 3:40 PM  
**To:** Schultz, Josie M - DNR <[josie.schultz@wisconsin.gov](mailto:josie.schultz@wisconsin.gov)>  
**Subject:** BRRTS 02-31-564071 Site Status Update Allyns

Good Afternoon Josie,

I am passing along this Site Status Update for the Allyns project. This goes over our most recent work and the recommendations. If you have any questions, please feel free to give me a call anytime.

I wanted to forward it on to you as I didn't know if Karen was back from leave yet and I know you had a role in the vapor side of it.

Hope all is well!

Chris

**Christopher J. Rogers, P.G.**

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