

From: mike@compasswi.com
Sent: Friday, January 22, 2021 1:50 PM
To: Schultz, Josie M - DNR; 'qefli neziri'
Cc: 'Matthew Bookter'
Subject: RE: DNR's 4/17/2020 Response to Interim Action Plan for One Hour Martinizing 02-05-217270
Attachments: IMG_4354.jpg; IMG_4356.jpg; IMG_4356.jpg; IMG_4357.jpg; IMG_4359.jpg; IMG_4360.jpg
Follow Up Flag: Follow up
Flag Status: Flagged

I meet with the guys to install this today and they were already there. I attached photos.

Mike Hubert
920-499-5500
Mike@Compasswi.com
www.Compasswi.com



From: Schultz, Josie M - DNR <josie.schultz@wisconsin.gov>
Sent: Thursday, January 14, 2021 8:27 AM
To: mike@compasswi.com; 'qefli neziri' <qefnez@yahoo.com>
Cc: 'Matthew Bookter' <mbookter@bankfirstwi.bank>
Subject: RE: DNR's 4/17/2020 Response to Interim Action Plan for One Hour Martinizing 02-05-217270

Hi Mike - Each fan requires a U-tube manometer be permanently mounted on the conveyance pipe on the vacuum side of the fan (i.e. between the suction point and fan).

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Josie M. Schultz

Hydrogeologist – Northeast Region Remediation and Redevelopment Team
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From: mike@compasswi.com <mike@compasswi.com>
Sent: Thursday, January 14, 2021 8:21 AM
To: Schultz, Josie M - DNR <josie.schultz@wisconsin.gov>; 'qefli neziri' <gefnez@yahoo.com>
Cc: 'Matthew Bookter' <mbookter@bankfirstwi.bank>
Subject: RE: DNR's 4/17/2020 Response to Interim Action Plan for One Hour Martinizing 02-05-217270

It sounds like the system dose not have the meters but they can be added. How many meters would be required?

Mike Hubert
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From: Schultz, Josie M - DNR <josie.schultz@wisconsin.gov>
Sent: Wednesday, January 13, 2021 4:31 PM
To: mike@compasswi.com; 'qefli neziri' <gefnez@yahoo.com>
Cc: 'Matthew Bookter' <mbookter@bankfirstwi.bank>
Subject: RE: DNR's 4/17/2020 Response to Interim Action Plan for One Hour Martinizing 02-05-217270

Unfortunately, due to COVID, DNR employees aren't allowed to perform site visits, otherwise I would for sure have been there multiple times this year to see the system and be present during the state-funded response. This is why DNR is *strongly* recommending that an NRPP-certified radon mitigation installer inspect the system, as they will have the most knowledge of industry standards.

If the blower fan is mounted exterior of the building, there should be no issues with it. However, there is the issue that there are no manometers present on any of the blower fans. Manometers measure air movement/vacuum beneath the slab, and is another gage of system effectiveness.

I've also contacted EPA for an update since COVID cases have been decreasing. They've tentatively scheduled sampling for the week of January 25th, however this may change.

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From: mike@compasswi.com <mike@compasswi.com>

Sent: Wednesday, January 13, 2021 3:33 PM

To: Schultz, Josie M - DNR <josie.schultz@wisconsin.gov>; 'qefli neziri' <gefnez@yahoo.com>

Cc: 'Matthew Booker' <mbookter@bankfirstwi.bank>

Subject: RE: DNR's 4/17/2020 Response to Interim Action Plan for One Hour Martinizing 02-05-217270

Thanks for the letter and just to let you know I think I understood about 1/3 of what was in hear. But two questions for you. Is sounds like the power vents are on exhaust in the basement of Jim's. Have you been to the site since the outside blower system was installed behind the Martinizing space? Also are there fans other than the power vents in Jim's?

Would you be available for a walk threw in the next week or two. I think that may help provide us with some direction as to what is there and what is still needed. I would go look myself but I would not have the knowledge to know what I am looking at in all these cases.

Mike Hubert

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From: Schultz, Josie M - DNR <josie.schultz@wisconsin.gov>
Sent: Wednesday, January 13, 2021 2:24 PM
To: mike@compasswi.com; 'qefli neziri' <qefnez@yahoo.com>
Cc: 'Matthew Booker' <mbookter@bankfirstwi.bank>
Subject: RE: DNR's 4/17/2020 Response to Interim Action Plan for One Hour Martinizing 02-05-217270

Mike,

Attached to this email is the workplan and memo that was submitted for the vapor mitigation system. Nowhere in this workplan does it state that fans would be installed in the interior of the building, nor is there a layout for fan locations.

DNR requires that the mitigation system be effective in reducing vapors to below vapor action levels (VAL) in indoor air; this has yet to be proven. After system was installed, vapors continued to be detected above the VAL, and this is another indicator that the current system is not effective. From ANSI/AARST standards, the concern with an indoor fan in an occupied space, especially with CVOCs, is that over time the fans leak and may cause an exceedance of the VAL without notice to the occupants (no odor or other indication) and can result in occupants being exposed without knowing. Future exposure above the VAL due to an aging system cannot be accepted per NR 700 Rule Series. Nor can a passive system when VRSLs are exceeded for CVOCs. Since there are standards exceedances for vapors in all sumps, they require active venting.

Josie

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From: mike@compasswi.com <mike@compasswi.com>
Sent: Wednesday, January 13, 2021 7:50 AM
To: Schultz, Josie M - DNR <josie.schultz@wisconsin.gov>; 'qefli neziri' <qefnez@yahoo.com>
Cc: 'Matthew Booker' <mbookter@bankfirstwi.bank>
Subject: RE: DNR's 4/17/2020 Response to Interim Action Plan for One Hour Martinizing 02-05-217270

Josie

This is the response we received from the group that installed the current system. I know I am coming into this after this all has taken place but were are just trying to get clarification.

Let me know your thoughts on their response/remedies options at this point?

Thanks
Mike

From: Killian, Paul <pkillian@geiconsultants.com>
Sent: Tuesday, January 12, 2021 3:17 PM
To: Matthew Bookter <mbookter@bankfirstwi.bank>
Subject: [External] RE: DNR's 4/17/2020 Response to Interim Action Plan for One Hour Martinizing 02-05-217270

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Matthew

We had submitted the plans for the vapor mitigation system to WDNR prior to installation. They reviewed those plans, including the interior location of the interior fans. They provided the notice to proceed, which you referenced in your email below.

We would not have proceeded with the installation if they had objected to the interior blowers, which they did not. I find their current position to be disingenuous.

From a practical perspective, the blower units are sealed and if they are inspected as recommended in our documentation report, they should be safe and effective. If the main blower system has been installed, these interior blowers may no longer be necessary. Their primary function is to vent the sealed sumps which may be accomplished passively. Simply removing the blowers and passively venting the sealed sumps may satisfy the WDNR.

GEI PAUL J. KILLIAN, P.E.
Vice President/Senior Project Manager
920.455.8200 cell: 920.737.5468
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From: Schultz, Josie M - DNR <josie.schultz@wisconsin.gov>
Sent: Monday, December 21, 2020 8:28 AM
To: qefli neziri <gefnez@yahoo.com>
Cc: Matthew Bookter <mbookter@bankfirstwi.bank>; mike@compasswi.com
Subject: DNR's 4/17/2020 Response to Interim Action Plan for One Hour Martinizing 02-05-217270

Qefli,

Attached to this email, please find the DNR's April 17, 2020 response to the Conceptual Vapor Mitigation Approach (the "interim action plan") that was submitted to the DNR by Paul Killian of GEI on April 15, 2020.

DNR's response to the interim action plan, which you and Mr. Matt Bookter were copied on, stated that the plan did not meet the criteria for a design report per Wis. Admin. Code s. NR 724.09, however the DNR did not wish to delay this necessary work from being performed and provided a notice to proceed, which differs substantially from a written approval of a detailed design plan. DNR also provided comments to GEI in this response to reference Appendix C – Mitigation Design Guidelines of the DNR's Vapor Intrusion guidance document, RR-800, which states to *refer to the ANSI/AARST Standard SGM-SF-2017, Soil Gas Mitigation Standards for Existing Homes for design information*. Furthermore, DNR manages a public website including a section specific for environmental professionals with detailed guidance to assist with understanding rules.

ANSI/AARST standards are national standards, and explicitly state that they also apply to mitigation of chemical vapors and hazardous soil gases. Any chemical vapor mitigation system installed in the United States is expected to adhere to these standards-

Per Wis. Admin. Code s. NR 708.11(3) and NR 708.11(4)(b), DNR does not require responsible parties to prepare and submit all reports and plans required in ch. NR 724 for review and approval prior to proceeding to the next step in design, implementation, or operation of an interim action for vapor mitigation system that is a radon-type SSDS primarily due to existing ANSI/AARST Standards and the need to quickly interrupt the pathway causing exposure to chemical vapors. Based on DNR conversations with Paul Killian and the interim action plan, this was considered to be a radon-type SSDS that was planned to be installed, thus didn't require prior approval from the DNR.

The interim action plan contained few specifics and did not include details that divert from the ANSI/AARST Standards such as stating that blowers would be installed within the basement. Rather, the interim action plan stated that the slab-on grade portion's blower would be mounted to an exterior wall, which is acceptable. The interim action plan also did not mention the proposed pitch of the piping; it is expected that the installer follows ANSI/AARST standards and allow for proper drainage. The interim action plan also did not mention manometers; in DNR's response, it was mentioned to reference Commissioning and Operation, Maintenance and Monitoring (OM&M) sections of RR-800, which states that manometers are required. Furthermore, manometers are also included in the ANSI/AARST standard and a key component of the vapor mitigation system listed in s. NR 724.13(2).

As stated previously, DNR is requiring this system be brought to standards, proper commissioning be performed to achieve the important goal of protecting occupants from unacceptable levels of chemical vapors from vapor intrusion and required documentation be submitted. DNR will be moving forward with referral to environmental enforcement next month unless necessary modifications are implemented, the system properly commissioned and proper documentation submitted verifying the effectiveness of the system.

Sincerely,
Josie

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