

Pfeiffer, Jane K - DNR

From: Sameer Neve <sneve@ksinghengineering.com>
Sent: Tuesday, October 10, 2023 8:11 AM
To: Pfeiffer, Jane K - DNR
Cc: Shane LaFave; Que El-Amin; Angy Singh
Subject: RE: Response to DNR - SVP 11 PFE Measurements at CWC- West Block Buildings 6 to 8B
Attachments: SVP Locations with Extraction Points.pdf

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Good Morning Jane,

Apologies on the attachment issue. Please let me know if it came through this time around or I will try alternatively.

Thank you,

Sameer Neve, Ph.D., ENV SP

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From: Sameer Neve
Sent: Monday, October 9, 2023 5:11 PM
To: Pfeiffer, Jane K - DNR <jane.pfeiffer@wisconsin.gov>
Cc: Shane LaFave <Shane@roerscompanies.com>; Que El-Amin <que@scott-crawford.com>; Angy Singh <angy.singh@ksinghengineering.com>
Subject: Response to DNR - SVP 11 PFE Measurements at CWC- West Block Buildings 6 to 8B

Hi Jane,

Thank you for your Technical Review Response letter of October 6, 2023, for the referenced project. This response includes a status update of progress made to date as well as response to WDNR's feedback.

WDNR Comment

On June 5 and June 29, 2023, PFE measurements collected from vapor pin SVP-11 identified 0 inches H₂O. In June 2023, adequate PFE was demonstrated at SVP-13, which is approximately 70 ft south of SVP-11, and at SVP-7, which is approximately 40 ft northwest of SVP-11. In the Report, K. Singh states that the lack of depressurization (i.e., PFE) at SVP-11 is due its proximity to the building's outer walls. The DNR's May 23, 2022, Technical Assistance Provided letter provided approval of CWC's commissioning plan, which included demonstration that PFE is achieved throughout the entire building footprint. PFE must be documented across the entire building footprint prior to commissioning approval by the DNR. Given the gap in PFE measurements collected in proximity to SVP-11, the DNR requests additional PFE measurement(s) be collected using newly installed monitoring point(s) near SVP-11 to demonstrate that PFE is achieved in this area of the building footprint. Given the information presented to the DNR at this time, once PFE is

demonstrated near SVP-11, no further PFE measurements appear necessary as a part of VMS commissioning for Buildings 6—8B of CWC West Block.

Response: Following PFE measurements on June 29, 2023, a vapor extraction point was placed in the vestibule area near SVP-11 and connected to the Obar Fan HA-89 blower. On October 9, 2023, KSingh conducted PFE measurements at newly installed vapor pins SVP-11 and SVP-11A. SVP-11A was installed on the other side of the wall from SVP-11. PFE measurements at SVP-11 and SVP-11A were noted to be -0.621 and -0.106 inches of H₂O respectively. In addition to this, previously existing vapor pin SVP-10A was measured and vacuum of -0.021 inches of H₂O was observed. With this, it is concluded that there is adequate vacuum in all the areas in Buildings 6 – 8B. As per instructions by WDNR, since these areas demonstrated sufficient vacuum, no further PFE measurements are recommended as part of the VMS commissioning for Buildings 6—8B of CWC West Block.

Should you have any questions or require any additional information, please feel free to contact us at 262-821-1171. We appreciate your cooperation and support in moving this project forward.

Thank you,

Sameer Neve, Ph.D., ENV SP

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SVP - 11 Vapor Pin



SVP - 11A Vapor Pin



SVP – 10A Vapor Pin

