

From: Brand, Jeff <Jeff.Brand@stantec.com>
Sent: Friday, May 14, 2021 1:03 PM
To: Reif, Maizie L - DNR
Cc: Caine, Lynelle
Subject: Former Wausaukee Laundromat, Wausaukee, WI (WDNR BRRTS Case #02-38-549224)

Maizie,

Hope all is well with you. Since submitting the proposed vapor investigation workplan for the former Wausaukee Laundromat, Stantec was able to conduct a brief site visit to verify sampling conditions at each of the three building locations in which sampling would take place. I wanted to relay our findings to you and provide any revisions we see to the original submitted workplan.

Siem Residential Property

Upon acquiring access to the home, Stantec discovered that the northern half of the house was built directly on the ground surface with no foundation. Conversely, the southern half of the house did have a narrow basement with extended crawlspace with dirt floor on the eastern half. No sump pit was present within the basement/crawlspace under the southern half of the house. Stantec would move forward with conducting the proposed ambient air sample on the first floor of the house positioning it near the northern half of the house. However, Stantec would revise the original workplan by conducting a second ambient air sample within the basement seeing that a dirt floor was present. Samples would be collected once during the cooling season and once during the heating season. No sub slab or sump vapor samples would be collected at this location.

Ranger Family Restaurant

Upon inspection, the restaurant did have a basement on the southern half of the building with a concrete floor. The northern half of the building was noted as being built slab-on-grade. No sump pit was present within the basement, however, two open sanitary floor drains were noted. Stantec would move forward with conducting the proposed ambient air sample on the main floor of the restaurant and the sub-slab sample within the basement. In addition, Stantec would also collect an ambient air sample within the basement, positioning the sample between the two floor drains that were present. No sump samples would be collected since a sump was not present at the property.

Former Wausaukee Laundromat

Stantec will move forward with the proposed ambient air sample to be collected from the main room of the laundromat. Stantec will also continue with the proposed sub-slab vapor sampling within the laundromat. The sub-slab vapor point will be positioned near the location of the former vapor sampling point V-2. This, we believe, would help provide insight as to where concentrations are now compared to the previous vapor sampling conducted in October of 2010. No additional samples will be collected at this location at this time.

Sanitary Sewer

Upon inspection, it was noted that a sanitary sewer line runs north-south along the western edge of Division Street with manhole covers present on the corner of Division Street and North Avenue and north of the Ranger Family Restaurant. Stantec will proceed with the sampling of headspace air within the southern manhole on the corner of Division Street and North Avenue.

Finally, to clarify, Stantec would analyze each air sample collected for the following VOCs: PCE, TCE, DCE, and vinyl chloride. Please let me know if you would have any questions about the vapor workplan we submitted or the suggested revisions provided within. Thanks!

Jeff Brand

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