

## Delwiche, Jim C - DNR

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**From:** Delwiche, Jim C - DNR  
**Sent:** Thursday, August 18, 2016 5:02 PM  
**To:** Bob Cigale (bob@endpointcorporation.com)  
**Subject:** Krystal Kleeners (02-68-576741)

Bob,

Below are vapor issue comments from Central Office regarding Krystal Kleeners:

- Subslab sampling:
  - Additional subslab sampling recommended will be for the purpose of defining the extent of the area requiring mitigation.
  - Additional subslab vapor sampling at Joeys is recommended during the heating season (Nov – Mar), to verify the spring sampling results (especially in light of high concentrations in vapor in the adjoining section of the building)
  - Is there a building feature (e.g. footing) between Krystal Kleeners and Embroid Me? Please explain why no vapor exceedences in this section of the building which is right next to the presumed source area.
    - If there is not a building feature or other explanation, collect another sub-slab vapor sample at Embroid Me.
    - If there is an explanation, the current data is okay.
  - Do you plan to mitigate (depressurize) the full extent of the 143 and 145 section?
    - If so, subslab sampling in this section of the property is ok.
    - If you feel only a portion needs to be depressurized, you will need to complete additional sampling on the north half to define the limits of the subslab vapor concentrations.
- Soil sampling:
  - Additional soil sampling in and around the source area that was identified through vapor sampling is needed to complete the SI. These samples
    - will allow better delineation of residual contamination
    - will provide data that is representative of the source area concentrations
  - Completing the SI will provide basis for whether remedial action is needed to address the source area. The vapor mitigation, is technically only an interim action.

Also as sent previously:

- Additional groundwater monitoring will be necessary in order to establish a stable or receding plume.
- Exterior soil impacts have been delineated, however based on the sub-slab vapor results, there appears to be a source under the building (see vapor comments above).
- You should proceed with the design of the sub-slab depressurization and venting system, then submit the plans for review (under this review fee) for concurrence before installation.

A hard copy letter will follow confirming the above, after you and I have had a chance to discuss. Please reply or call with any questions.

Thank you,

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James C. Delwiche

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**From:** Robert Cigale [<mailto:bob@endpointcorporation.com>]

**Sent:** Thursday, July 28, 2016 2:58 PM

**To:** Delwiche, Jim C - DNR

**Subject:** Krystal Kleeners (02-68-576741)

I hate to keep bothering you, but the lender and property owner are bugging me. Any update on the review of the Site Investigation report?

Thanks, Bob

**Robert A. Cigale, P.G.**

Principal Consultant

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