

**From:** Laube-Anderson, Shanna L - DNR  
**Sent:** Friday, October 1, 2021 8:30 AM  
**To:** Steve Newlin  
**Subject:** Greentree Cleaners Vapor Investigation Workplan

Steve,

The Department has reviewed the "Additional Site Investigation Work Plan" submitted to address the requested vapor concerns at the Greentree Cleaners site in Racine.

1. When collecting your additional vapor samples from your proposed locations please include SV-2 and SV-3. The workplan indicates that 2 rounds have been collected from those points already, however, the first round was before the system was run. In order to determine the effectiveness of the SVE system 2 rounds are required post system shut down. Department guidance actually suggests 3 rounds but we did only ask for 2 in our closure not approved letter.
2. Please confirm that the dry cleaner does not currently use chlorinated solvents in its operations.
3. Indoor air sampling should also be completed in the areas of the building that previously had sub-slab VRSL exceedences. This means exceedences of ANY of the established standards for TCE and/or PCE. SV-2, SV-4, SV-5, SV-6, SV-7, SV-8 and SV-11. Sample analysis for the indoor air samples should be limited to the contaminants of concern and one sample per unit placed closest to the highest vapor results. If more than one of the above noted vapor points are in the unit you can just collect one indoor air sample. Indoor air samples were requested in the closure not approved letter.
4. As the recent publication RR649 suggests for evaluating utilities, sewer vapor sampling should also be completed. This sampling should occur in the closet sewer access point to the dry cleaner location.
5. It is recommended that the SVE system be capped for a minimum of 2 weeks prior to collection of your next round of samples to limit any potential passive venting from occurring, thus diluting the actual sample results.
6. Remember to submit your sample results within 10 days after receipt.
7. If any of the samples exceed ANY of the established standards, the SVE system needs to be re-activated immediately.

I am also including a link to RR649 for your information regarding the investigation of utilities for vapor migration. <https://dnr.wi.gov/files/PDF/pubs/rr/RR649.pdf>

Please proceed with completing this work and if you have any questions please contact me to discuss them.

Shanna

<https://dnr.wi.gov/files/PDF/pubs/rr/RR986.pdf>

<https://dnr.wi.gov/files/PDF/pubs/rr/RR800.pdf>

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**Shanna L. Laube-Anderson**

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