



March 14, 2011

Mr. Thomas Grimm
One Hour Martinizing
12527 W. Hampton Ave.
Butler, WI 53007

Subject: Request for additional work
One Hour Martinizing, 12527 W. Hampton Avenue, Butler, WI
WDNR FID#268147990 BRRTS#02-68-539238

Dear Mr. Grimm:

The Department has reviewed Arcadis' recently submitted report, *Summary of Additional 2010 Remediation Activities*, for the above-referenced site. Based on review of the report, the Department has determined that the site does not meet closure criteria at this time. Additional work, as described below, is necessary in order to meet the requirements for site closure.

Groundwater monitoring

Additional groundwater monitoring is required based on increasing contaminant concentrations in the downgradient monitoring well MW-4. Please conduct a minimum of two additional rounds of groundwater monitoring at wells MW-1, MW-4 and MW-6 to assess stability of the groundwater plume. Groundwater elevation must be measured at all site wells prior to sampling.

Indoor air sampling

Indoor air collected from the dog groomer store exceeded target indoor air levels during the sampling event conducted in August 2010. Since this space is currently occupied only three days/week, Arcadis has proposed a site specific indoor air action level for the dog groomer based on a reduced exposure frequency. Although the proposed target indoor air level may be appropriate based on current use, it is not an acceptable level for long-term or closure purposes.

Indoor air results suggest that the elevated concentration of PCE detected in the dog groomer office could be the result of the air conditioner pulling in air vented from the sub-slab depressurization system (SSDS). The Department requests that you evaluate the possible source(s) of the PCE in the dog groomer indoor air. Your assessment should evaluate air exchange, identify (and show on a site map) the location of all air intakes on the dry cleaner building, the SPI building, the location of the dry cleaning machine vent and the location of the SSDS vent. Also please describe the type of dry cleaning machine currently in use and discuss the potential level of PCE vapors venting from the machine. Your consultant should consider what actions can be taken to reduce potential re-entrainment of vapors from the SSDS exhaust (i.e. by raising the SSDS vent height or moving its location farther from fresh air intakes). A minimum of one additional indoor air sample from the dog groomer space must be collected during the summer when the air conditioning unit is operating and after any adjustments have been made to the SSDS vent height or location. Concurrent with indoor air sampling, an outdoor air sample should be collected, barometric pressure and wind direction reported. At this time we will not require additional indoor air sampling at the SPI Building.

Please ask your consultant to submit a brief scope of work and a cost estimate to conduct this work for

Department review and approval. Do not hesitate to contact me at (414) 263-8533 with any questions or concerns regarding this letter or to discuss the vapor/indoor air assessment strategy. The Department appreciates your ongoing efforts to protect and restore the environment at this site.

Sincerely,



Nancy D. Ryan, Hydrogeologist
Remediation and Redevelopment

Cc: SER case file
Brian Maillet, Arcadis – electronic copy