

From: Grittner, Paul V - DNR
Sent: Thursday, February 11, 2021 4:37 PM
To: 'bob@endpointcorporation.com'
Subject: Klinke Cleaners Fox Run Soil Management Plan

Subject: Soil Management Plan
Klinke Cleaners Fox Run at 2346 W St. Paul Avenue, Waukesha
DNR BRRTS Activity #: 02-68-535535; FID #: 268188910

Bob,

Management of contaminated soil on the site requires a written exemption from the solid waste rules under Wis. Admin. Code Ch. NR 718. A technical review fee (\$700) and database fee (\$300) must be provided to obtain this exemption. A request for an exemption under NR 718 also requires the signature of a professional engineer to comply with the requirements of NR 712.

The following information must be provided before the department can provide a review of the Plan.

- An explanation as to how the sampling and characterization of the contaminated soil that will be excavated and reused on-site meets the requirements of 718.12(1)(e);
- the volume of contaminated soil to be managed (718.12(2)(b)2);
- the schedule for implementation, basically when the project is scheduled to start and when it is expected to be complete (718.12(2)(b)5);
- the specific area where excavated contaminated soil will be reused onsite identified on a site figure (718.12(2)(b)7);
- justification as to how the reuse of contaminated soil will meet the requirements of 726.13(1)(b) 1 to 5 (718.12(2)(b)8). Providing this justification is especially important as the reuse of material contaminated with chlorinated volatile organic compounds (CVOCs) is being considered. The DNR does not often approve the reuse of CVOC impacted soil because of the continuous risk it can pose to on- and offsite properties.
 - o Soil contamination within a portion of the cut area exceeds the direct contact RCL. What steps will be taken to ensure that the material will not pose direct contact risk once it is reused; discuss whether an effort will be made to segregate contamination from this location to a certain portion of the berm.
 - o What specific steps will be taken, such as capping or berm construction techniques, to prevent contaminated soil from impacting groundwater.
 - o Why the reused material is not expected to pose a vapor intrusion risk to current and future buildings located on- or offsite.
 - o Identify what continuing obligations will need to be imposed where soil is reused to ensure conditions will remain protective. Provide the documentation required by 726.11 including a draft cap maintenance plan, if needed.

Unless additional information is provided to indicate otherwise, any soil excavated within the area identified as exceeding the soil-to-groundwater pathway residual contaminant levels on Figure B.2.b must be managed as contaminated. It is recommended the area be extended to run straight from GP-13

to GP-17 then northeast to the building corner near GP-19 to ensure that material managed as 'clean soil' is not impacted.

In the future it is recommended that DNR form 4400-315 be used to request exemptions under NR 718 to ensure that all required information and documentation is provided with the request. DNR form 4400-315A is only intended to be used when an exemption from the location criteria is needed to conduct an immediate action that would otherwise not require DNR approval. Form 4400-315 does not need to be completed as part of this request but can be referenced for guidance.

While it does not impact the DNR's review of the Soil Management Plan, removal of impervious surface cover over residual soil contamination may result, at a minimum, in the need for additional groundwater assessment to confirm that additional infiltration will not result in increased contamination or a change in groundwater flow that would require the cap to be replaced or a remedial action to be conducted.

Please contact me at the number or email listed below if you have any questions regarding this project.

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Paul Grittner

Hydrogeologist - Remediation and Redevelopment Program

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