Temporary Diamond Grinding Slurry Storage Structure Approval Form

To ensure there is not a discharge to the environment of liquid originating from diamond grinding slurry operations, the Department of Natural Resources (WDNR) requires that storage structures meet the intent of ch. NR 213, Wis. Adm. Code. This form represents the minimum requirements for such storage structures.

Instructions – Read and complete all parts of this form

Complete and submit this form electronically to the WDNR for diamond grinding slurry proposals. WDNR does NOT require a fee for plan review.

Please email this form to DNRHoldingTankReview@Wisconsin.gov.

Part I – Applicant Information

Owner or Business Name	(Area Code) Telephone Number		Email Address	
Street Address	City	State	ZIP Code	County
Address (where ponds will be installed, if different)	City	State	ZIP Code	County
Certification: I hearby certify to the best of my knowledge and belief that the information contained within this form is accurate.				
Submitter Name (print)		Title		
Submitter Signature		Date Signed		

Part II – Pond Information

A. Attached to this form is a site map showing locations of all proposed evaporation ponds.	Yes ☐No ☐
B. The pond location(s) does not impact wetlands or waterways. Note: View the location of waterways, mapped wetlands, or wetland indicators by visiting DNR's Surface Water Data Viewer. Waterways can be viewed by selecting "Surface Water" and opening the "24K Streams and Rivers" layer. Mapped wetlands can be viewed by selecting "Mapped Wetlands" and opening the "Wetland Inventory" layer. Wetland Indicators can be viewed by selecting "Wetlands - Additional Data" and opening the "Wetland Indicators" layer. If the project intersects with mapped wetlands or with wetland indicators, a wetland delineation may be needed to determine whether a permit is required.	Yes ☐No ☐
C. Construction of any pond will not disturb more than 1 acre.	Yes ☐No ☐
- Number of Ponds	
- Dimensions of the pond(s) (in feet):	L:____ W:____ H:____
- Containment volume of the pond(s) (in gallons):	
NOTE: To avoid the need for coverage under a stormwater construction WPDES permit, the construction of these ponds cannot disturb more than one acre of land. If more than one pond is being proposed, they must be at least ¼ mile apart.	
D. There is at least 2' of separation from the bottom of the pond(s) to groundwater or bedrock, whichever is highest.	Yes ☐No ☐
E. The pond(s) will be lined with at least 6" of compacted clay or a plastic liner with a minimum thickness of 10mil, and which is suitable for storing the material, such as HDPE or LLDPE.	Yes ☐No ☐
- Liner Type (C - Clay, Pl – Plastic)	
- If you answered 'Plastic' above, what is the liner material?	
- If you answered 'Plastic' above, what is the liner thickness?	
F. The pond(s) will have maximum 3:1 side slopes.	Yes ☐No ☐
G. The berm(s) surrounding the pond(s) is/are at least one foot high to prevent stormwater runoff from entering the structure.	Yes ☐No ☐
H. The pond(s) will be greater than 250' away from private potable wells.	Yes ☐No ☐
I. The pond(s) will be greater than 500' from the nearest inhabited dwelling.	Yes ☐No ☐
J. The pond(s) will be greater than 1,000' from the nearest community public water supply well.	Yes ☐No ☐
K. The pond(s) will not be located in a floodway.	Yes ☐No ☐
L. The pond will only be actively storing this waste for no more than one year.	Yes ☐No ☐
M. Please indicate how the slurry will be disposed of and how the pond will be abandoned.	

Part III – Plan Approval and Conditions

If you answered YES to all YES/NO questions in Part II – Pond Information, and all other information on this form is completed in full and has been submitted to the WDNR, then the proposed evaporation and storage pond installation is hereby approved by the WDNR, subject to the condition that the structure(s) approved are only used for the temporary storage of concrete slurry generated from diamond grinding operations.

If you answered NO to any of the YES/NO questions in Part II – Pond Information, or other information on this form is missing, this structure is NOT approved. Please reach out to Nate Willis, Wastewater Section Manager (nathaniel.willis@wisconsin.gov; (608) 535-2369) to discuss additional steps to getting the pond(s) approved.

These structures are subject of a review in accordance with s. 281.41, Wis. Stats. The WDNR Division of Environmental Management reserves the right to order changes or additions should conditions arise making this necessary.

This approval is not to be construed as a WDNR determination on the issuance of a Wisconsin Pollutant Discharge Elimination System (WPDES) permit or a determination as to the ability of the proposed structure(s) to comply with any terms or conditions in such permit. It is also not an approval of an Environmental Assessment that may be required for this project, or an approval for any activities requiring a permit under chs. 30, 31, or 281, Wis. Stats.

In case installation has not commenced within two years from the date of receipt of this application, this approval shall become void. Therefore, after two years, you must submit a new application for approval of these or other plans and specifications before any construction is undertaken.

FOR THE SECRETARY



Wastewater Section Manager
Bureau of Water Quality
Phone No. (608) 535-2369