

Amungwafor, Binyoti - DNR

From: Langdon, Robert <RLangdon@scsengineers.com>
Sent: Friday, May 19, 2017 11:13 AM
To: Amungwafor, Binyoti - DNR
Subject: Request for Variance to NR 141 Well Construction Requirements, Highland Plaza, BRRRTS# 02-41-579065

RLangdon@scsengineers.com

Mr. Amungwafor, per our May 15th telephone conversation, SCS Engineers is requesting a variance to Wisc. Admin. Code, Chapter NR 141 for installation of one 1-inch diameter monitoring well inside the Ogden Cleaners, Highland Plaza, 8600 West Brown Deer Road, Milwaukee.

We are making this request because access within the cleaners is limited and drilling equipment capable of installing a standard 2-inch diameter will not fit inside the cleaners. We plan to install the well using a Geoprobe[®] 540-MT direct push rig.

We are requesting a variance to the following NR 141 requirements:

NR 141.07 (1) - well casing minimum inside diameter of 1.9 inches

The proposed PVC well casing will have an inside diameter of 1 inch

NR 141.19 (1) (c) –inside diameter of temporary (drill) casing shall be at least 4 inches greater than the inside diameter of the permanent well casing

The inside diameter of the temporary direct push casing is approximately 2 inches. The inside diameter of the proposed PVC well is approximately 1 inch, so the temporary casing is approximately 1 inch greater than the inside diameter of the proposed permanent well casing.

We plan to install the above noted well on June 1, 2017. Please feel free to contact me at (608) 216-7329 if you have any questions concerning this variance request.

-Rob

Robert Langdon
Senior Hydrogeologist/Project Manager

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