



June 16, 2020

--Sent by Email--

Mr. Andy Scheisl
Garnder Denver, Inc.
222 East Erie Street
Milwaukee, Wisconsin 53202

Subject: Conditional Approval of "Work Plan for Additional Environmental Services"
DB Oak Facility, 700-710 Oak Street, Fort Atkinson, WI DNR# 02-28-176509

Dear Mr. Scheisl:

The department received Friess Environmental Consulting's (FEC) "Work Plan for Additional Environmental Services for the DB Oak Property..." (the workplan), on May 6, 2020. The request was accompanied by the appropriate review fee, required under ch. NR 749, Wisconsin Administrative Code. Details of the proposed methodologies were clarified in two subsequent emails from FEC on June 8 and June 11, 2020.

The workplan, as clarified in the FEC emails, is approved with the following conditions:

1. All work performed must comply with DNR rules, and where no rules are promulgated the work shall be consistent with professionally accepted procedures. Reporting shall conform with chapter NR 716, Wis. Adm. Code requirements.
2. During monitoring well installation, samples for geologic characterization must be collected at least every five feet. This condition is consistent with the drilling and sampling methodology cited by FEC (ASTM D-1586), which typically calls for sampling at intervals of five feet or less in homogeneous deposits.
3. The hydraulic conductivity of the geologic units must be determined, and groundwater flow velocity and contaminant migration rates calculated, consistent with the requirements of chapter NR 716, Wis. Adm. Code.
4. DNR form 4400-089, "Groundwater Monitoring Well and Point Information" must be completed for all site wells, following installation of the new monitoring wells. A copy of the form will be emailed to FEC.
5. Monitoring well MW-3C should be evaluated for damage and for problems that may have occurred during installation. The well does not appear to be adequately hydraulically connected to the geologic formation and may not be representative of deeper conditions at the site. You and FEC should consider installing additional deep wells as part of the upcoming mobilization.
6. The groundwater data summary table should be updated. Headers should be included the top of each page. The reported concentrations should include the precision indicated by the laboratory; many entries appear to have defaulted to a two decimal place format. The numerous rows showing no data could be eliminated.

Please contact me if you have questions.

Sincerely,

Jeff Ackerman, P.G.
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Cc: John VanLieshout, Reinhart Boerner Van Deuren s.c.
Rick Frieseke and Trent Ott, FEC, and Greg Konicek