



October 8, 2020

Ann Polzean
Herriges Oil, Inc.
1245 Fond du Lac Ave.
Kewaskum, WI 53040

Subject: Site Investigation Not Approved - Additional Info. Needed for Case Closure
consideration under Wis. Adm. Code chs. NR 700-754
Herriges Oil Bulk Plant South, 215 Railroad St., Kewaskum, WI, 53040
DNR BRRTS Activity # 02-67-111819 FID # 267158760

Dear Mrs. Polzean:

On June 11, 2020, the Department of Natural Resources (DNR) received a Site Investigation Report and a Request for Closure for the case referenced above. Shortly after receiving the request, the consultant for the off-site affected property asked for additional time to evaluate the information and the proposed continuing obligations that would potentially be their client's responsibility. A 30-day review extension (until August 10, 2020) was requested and allowed. Recognizing the upcoming sunset of the PECFA program, the case file and information submitted were preliminarily reviewed on June 18, 2020. It was determined that the existing groundwater monitoring well network was no longer needed and that the wells could be scheduled for abandonment. That determination facilitated PECFA reimbursement eligibility for the monitoring well abandonment work.

On August 10, 2020, the off-site affected party indicated that they were satisfied with their review and would not submit any formal comments contesting the closure request. The Site Investigation and Closure Request review were performed, and some additional information requirements were identified and relayed to your consultant, METCO, via email on August 19, 2020. This letter serves as the official response to review of the site investigation and closure request. Additional information regarding the degree and extent of the Polycyclic Aromatic Hydrocarbons (PAHs) PAH soil impacts is necessary to consider this case for closure. The DNR is going to pause the closure review, pending the response and timeframe required to collect the additional information needed.

Degree and Extent of Soil Impacts

Elevated concentrations of PAHs were found in near-surface samples, including at some off-site locations. The concentrations were at levels that exceed both industrial and non-industrial residual direct contact levels. It is unclear, based on the submittals, whether there is a distinction between the petroleum contamination from the historic bulk plant operations at the site and any imported soil fill material. In either case, more soil sampling is warranted to define the degree and extent, including off-site to the north and the west.

Please discuss if there is a difference between the petroleum contamination from the AST's and possible PAH, fill-related contamination? While a structural impediment is not needed, the proposed cap of grass and 2-3 inches of gravel is not necessarily adequate, based on the concentrations of the impact.

Proposed Continuing Obligations

While a structural impediment does not appear to be warranted based on samples that were able to be collected beneath the pole barn, the proposed cap of grass and 2-3 inches of gravel on other areas of the site is not necessarily adequate. The adequacy of the cap, both on and off-site, must be evaluated and shown to be protective.

Documentation

Documentation-wise, the soil delineation should include the area below the pole barn and G-10 should not be isolated. In addition, discussion regarding the difference between the petroleum contamination from the bulk plant operations and possible PAH fill should be addressed.

Within 30 day, please submit a plan to address the issues identified and provide the additional information requested. We appreciate your efforts to investigate the environment at this site. If you have any questions regarding this letter, please contact me at 262-202-3838 or lee.delcore@wisconsin.gov.

Sincerely,

A handwritten signature in cursive script that reads "Lee R. Delcore".

Lee R. Delcore
Hydrogeologist
Remediation & Redevelopment Program

cc: Jason Powell, METCO (via email)