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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
230 SOUTH DEARBORN ST.
CHICAGO, ILLINOIS 60604

REPLY TO ATTENTION OF: 5HS-11

September 12, 1990

Peter Vagt
Warzyn Engineering Inc.
2100 Corporate Drive
Addison, Illinois 60101

RE: Additional Residential Well Sampling - American Chemical Services (ACS) NPL Site - Griffith, Indiana

Dear Dr. Vagt:

Enclosed, is a copy of a telefax which was sent by the Indiana Department of Environmental Management, Project Manager, Paul Courtney. In his correspondence, Mr. Courtney requests the sampling of two additional residential wells near the ACS site. These two wells are deep aquifer wells used for private drinking water supplies and which are in a close enough proximity to the site to warrant investigation. Apparently, when Warzyn investigated the site area for the location of deep aquifer private wells, these two wells were overlooked.

As you can see from the enclosure, one deep well is near Tracer Research Corporation's sample "GW-31". This location showed detectable quantities of benzene in a headspace analysis which would correlate to even higher levels in the groundwater. This well is also located across from the Kapica/Pazmey area and the eastern side of the Griffith Sanitary Landfill. Both of these areas are known to contain significant contamination. The second well is located west of the wetlands which border the western portion of the Griffith Sanitary Landfill. During the residential well survey, Warzyn surveyed the area west of the landfill for the locations of any deep aquifer wells, but at the time couldn't locate any. It is believed, based upon information provided by the well owner to Mr. Courtney, that this well would be classified as a deep well.

Accordingly, I am requesting that Warzyn sample the two wells listed in the enclosure for the VOC portion of the TCL. Warzyn is to use the SOPs in the RI/FS QAPP, pertaining to the analysis of groundwater for low-level detection limits.

This request is not believed to be unreasonable, since these wells would have most probably been sampled had they been located during the residential well survey conducted by Warzyn. Additionally, the original number of residential wells targeted for sampling during Phase II in the RI/FS work plan was ten and only seven wells were sampled in Phase II. Finally, EPA

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has reduced the analytical parameter list to the most mobile and common substances associated with the ACS site.

The results of this additional sampling are not required in the forthcoming draft of the RI Report or risk assessment. However, they are expected to be incorporated into subsequent drafts of the RI report and risk assessment.

If you have any questions concerning this letter or the enclosure please contact me (312) 886-5116.

Yours sincerely,



Robert E. Swale
Remedial Project Manager

cc: Andrew Perellis, Esquire
Paul Courtney, IDEM