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NCBC GULFPORT
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LETTER REGARDING RECOMMENDED ANALYSES FOR SOIL AND LONG TERM
MONITORING IN GROUNDWATER FOR SITE CLOSURE INITIATIVE NCBC GULFPORT MS
5/2/1990
IDAHO NATIONAL ENGINEERING LABORATORY



J. A. Cook
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WAP-07-90
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situation. What is of concern is decomposition of material located in the subsurface followed by mobilization of the degradation products into the ground water. There is no reported evidence to support such a nonphotolytically induced degradation process. If it occurs at all, the rate would be anticipated to be very slow, producing extremely low levels of decomposition products. However, constituents typical of such degradation have been identified and included in the list to monitor for the release of these products in the remote chance that such degradation does occur. This class of analytes includes chlorinated phenols and chlorobenzene.

Finally, there have been certain deletions and inclusions on the list at the specific request of the client (USAF). Thus octachlorodibenzo-p-dioxin has been deleted from the list even though it was found in some samples. Its deletion was based upon its wide prevalence throughout the environment. Likewise, analysis for total organic carbon (TOC) has been added both because of the potential that high TOC levels will provide a mechanism for mobilizing organic contaminants into the ground water by preferential adsorption and its potential as a screening technique to evaluate overall levels of organic contaminants.

If you have questions or need additional information, do not hesitate to contact me. I can be reached at 6-0734.

rdm

Attachment:
As Stated

cc: G. S. Groenewold 
D. J. Haley
Central Files
W. A. Propp File (2)