



State of Wisconsin

DEPARTMENT OF NATURAL RESOURCES

Carroll D. Besadny
Secretary

BOX 7921
MADISON, WISCONSIN 53707

November 18, 1986

IN REPLY REFER TO: 4430

Mr. Russell L. Cerk
Vice President-Manufacturing
Freeman Chemical Corporation
P.O. Box 247
Port Washington, WI 53074

SUBJECT: Remediation of Potential Contamination Sources

Dear Mr. Cerk:

We have reviewed your October 29, 1986 submittal regarding remediation of several potential contaminant sources on the Freeman plant grounds. We agree with the proposed actions to locate and grout the old farm house well, excavate and backfill the old "dry well" area, inspect buried tanks and remove any leaking tanks.

Recommendations

1. Old farm house well. It is possible that the farm house well will not be found or may be located in an area that would make remedial impractical. If the farm well can not be grouted closed, we suggest that a monitoring well be installed adjacent to Building 45 near the farm well. The monitoring well should be placed such that it monitors the water quality of the shallow bedrock, and the screen should be sealed from the soil overburden. This monitoring well should be sampled for volatile organic chemicals (VOCs) for 2 or 3 quarters. If high quantities of contaminants are found, consideration should be given to installing a shallow dolomite extraction well in this area and treating the discharged groundwater.
2. Old "dry well". If the dry well and drainage lines can be located, soil samples from the auger holes and backhoe pits should be field tested for VOC concentration. If areas of highly contaminated soil is encountered, consideration should be given to excavating and treating the soil or installing additional shallow large diameter dewatering wells. Free draining, contaminated water should be treated and then managed like other contaminated water from the site.

Mr. Russell L. Cerk - November 18, 1986

2.

3. Documentation. All remedial actions should be documented in the Annual Report required in the Department's May 12, 1986 letter.

If you have any questions about this letter, please call Terry Evanson at (608) 266-0941.

Sincerely,

Richard E. O'Hara

Richard E. O'Hara, Chief
Hazardous Waste Management Section
Bureau of Solid Waste Management

REO:TE:cn/9924Q

cc: Cindy Slavik/John Krahling - SED
George Bain/Roger Hatcher - Hatcher, Inc.
Rick Karl - EPA Region V - 5HE/JCK/12
Chuck Slaustas - EPA Region V - 5HS/JCK/12