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**FERNALD ENVIRONMENTAL MANAGEMENT
PROJECT HAMILTON COUNTY COMMUNITY
WATER SUPPLY**

10/23/91

OEPA/DOE-FO

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LETTER

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State of Ohio Environmental Protection Agency

Southwest District Office

40 South Main Street
Dayton, Ohio 45402-2086
(513) 285-6357
FAX (513) 285-6249



Original File Copy

2380

George V. Voinovich
Governor

October 23, 1991

Re: FERNALD ENVIRONMENTAL MANAGEMENT PROJECT
HAMILTON COUNTY
COMMUNITY WATER SUPPLY

Mr. Carlos Fermaintt
Department of Energy
Fernald Environmental Management Project
P.O. Box 398705
Cincinnati, Ohio 45239-8705

Dear Mr. Fermaintt:

I met with Mr. Tom Crawford to inspect the proposed sites of three proposed new wells to supply drinking water to Albright & Wilson and Delta Steel Companies.

The site is located at 300' north of Wiley Road at the intersection of Wiley and Crosby Roads. A drawing of the proposed well locations is attached.

The proposed well site appears to comply with the recommended physical isolation from any known sources of contamination and conforms to the Ohio EPA Guidelines. However, this letter does not constitute your final approval. In order to receive final approval, it will be necessary to proceed with construction of the wells, conduct pumping tests, conduct sampling, and submit plans and specifications to Ohio EPA for approval. These procedures are further outlined below. Please note that the well cannot be considered an approved water source for a public water system until formal plan approval is issued.

As a condition to the approval of the water system, the owner of the water supply system shall maintain ownership and control of all land use within a 300 foot radius of any permanent production well installed on the site.

The use of all land within the 300 foot isolation radius must conform to Ohio EPA Guidelines. This land shall be maintained in such a way that no new possible sources of contamination be established within the prescribed area. Possible sources of groundwater contamination include septic tanks, leaching beds or wells, sewers, sewage force mains, livestock holding areas, industrial or agricultural activities, underground tanks and other such sources. The proximity to public roads and property lines must also be considered.

Date Rec'd OCT 25 1991

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A pumping test of at least 24 hours duration shall be performed at the time the well is drilled. At the end of these tests, water samples shall be collected and analyzed at an Ohio EPA approved laboratory. Sample containers can be obtained through this office for submitting the samples to the Ohio Department of Health Laboratories. Normally, the Ohio EPA will bear the cost of new well analyses performed at the Ohio Department of Health Laboratories. However, sometimes near the end of the State fiscal year (May and June) budgetary problems arise, so please check with us when proceeding with new well sampling. Other approved labs may be used at the water purveyors discretion and expense.

Detailed plans of well construction, water lines, and any water treatment facilities must be submitted to this office for final approval before the well or water system is placed in service. It will be necessary to submit along with the plans a copy of any deed or other document showing the ownership and land use control of the prescribed isolation area and also copies of the well logs, the 24 hour pump tests, and the results of the chemical analyses.

Copies of well logs must be included with the plans and must also be submitted to the Ohio Department of Natural Resources, Division of Water, Fountain Square, Columbus, Ohio 43224.

A fee is required to be submitted with the plans when applying for plan approval. It will be necessary to submit a check or money order, payable to the Treasurer of the State of Ohio, in an amount equal to \$100.00 plus 0.2% of the construction cost of the project.

The well site acceptance shall become void one year from the date of this letter unless formal plan approval has been issued.

If you have any questions, feel free to call me at (513) 285-6357.

Sincerely,



Kurt A. Messer
Public Drinking Water Unit

KAM/ycr

cc: Division of Public Drinking Water, Engineering Section, CO
Jesse Lacefield
Dave Brettschneider