

RICHARD B. OGILVIE  
Governor



William L. Blaser  
Director

STATE OF ILLINOIS  
**ENVIRONMENTAL PROTECTION AGENCY**

June 9, 1971

WINNEBAGO COUNTY - Land Pollution Control  
Rockford/Department of Public Works

City of Rockford  
Public Works Department  
425 East State Street  
Rockford, Illinois 61104

ATTENTION: Mr. Clifford Wendell  
Commissioner of Public Works

Dear Mr. Wendell:

This is in reply to your phone request of June 3, 1971, for our evaluation of the test borings you submitted for the Gleasman Road-Old River Road area and the C. L. Vance property (Pecatonica Road-Brick School Road).

1. Gleasman Road-Old River Road

Two holes drilled with 8" diameter flight augers; one to -42', refuse, (limestone); the other to -30'. The light brown gravelly, sandy, silty clay which is dominant in both borings appears to be a glacial till, suitable for landfill purposes. As you know the following conditions are equally important.

- a. depth of glacial till
- b. permeability of the till
- c. surface water control
- d. ground water table control
- e. aquifers protected
- f. rock strata isolated
- g. engineered site plan drawn
- h. final contours shown
- i. end use of the site delineated

In the New Illinois, we accommodate!

2200 CHURCHILL ROAD  
AT 2400 WEST JEFFERSON  
SPRINGFIELD, ILLINOIS 62706  
AREA CODE 217-525-3397

EXHIBIT

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June 9, 1971

In other words it appears from the most preliminary data that the site has possibilities for use as a sanitary landfill.

2. C. L. Vance Property-Pecatonica Road and Brick School Road

Seven holes drilled, one by a well drilling rig, six with 8" diameter flight augers. Depths varied from -7 feet to -48 feet. The silty clays and greenish-gray clays which are dominant in the borings are generally very good protective soils and are suitable for landfill purpose.

It appears that the depths of clay over the rock strata are sufficient in the East 60 A. keeping in mind the above mentioned nine conditions, which have equal importance to proper soil types in site investigations.

So it appears from preliminary borings, that both sites could be engineered to serve as acceptable sanitary landfill sites if all of the stated conditions can be met.

Very truly yours,

ENVIRONMENTAL PROTECTION AGENCY

*C. E. Clark*

C. E. Clark, Manager  
Bureau of Land Pollution Control

*Thomas Vance*