



State of Ohio Environmental Protection Agency

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I certify this to be a true and accurate copy of the
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Environmental Protection Agency

By [Signature] Date 8/6/02

AUG 06 2002

OHIO E.P.A.
AUG-6 2002
ENTERED DIRECTOR'S JOURNAL

Knox County Commissioners
117 East High Street
Mount Vernon, Ohio 43050

RE: KNOX COUNTY: KNOX COUNTY LANDFILL, OAC 3745-27-10(D)(7)(c)
GROUND WATER DEMONSTRATION

Dear Commissioners:

During April 2002, a ground water sampling event was conducted at the Knox County
Landfill. The results of that sampling were submitted to this agency on July 3, 2002,
along with a notification of a statistically significant change for chloride in wells CW6
and CW8a.

Ohio Administrative Code (OAC) 3745-27-10(D)(7)(c) requires facilities who have
identified statistically significant increases in ground water monitoring parameters to
receive approval from the Director, in order to remain in detection monitoring. If a
facility does not receive approval within 180 days of ground water sampling the facility is
required to initiate their assessment monitoring program.

In the July 3, 2002, submittal, we also received a demonstration pursuant to Ohio
Administrative Code (OAC) 3745-27-10(D)(7)(c) for chloride in well CW6 and chloride in
well CW8A. The chloride in well CW6 exceeded it's tolerance limit of 40 mg/l with a
concentration of 55.5 mg/L. Upon resampling the result was 24.8 mg/l. The
requirements of OAC 3745-27-10(D)(7)(c) have been fulfilled as the initial chloride
result is determined to be a false positive.

The chloride in well CW8A, when retested, came back as 53.1 mg/l, still above the
constituents tolerance limit. However, CW8A should remain in detection monitoring
with regard to the April 2002 sampling event because of the following information:

- The history of CW8A is such that from the Fall 1993 sampling round until the
present time, CW8A has shown a slight decreasing trend for Chloride.
-Several Appendix II analyses have been performed at monitoring well CW8
(which is adjacent to CW8A).

Bob Taft, Governor
Maureen O'Connor, Lieutenant Governor
Christopher Jones, Director

Knox County Commissioners
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-Detection monitoring well CW16 is directly down gradient of CW8A and shows no problem with chloride.

Representatives from the Division of Drinking and Ground Waters (DDAGW) and the Division of Solid and Infectious Waste Management (DSIWM) have reviewed the aforementioned document to determine the facility's compliance with OAC 3745-27-10. The submitted information confirms that the statistically significant increases were not a result of a release from the landfill. As such, this demonstration is hereby approved and the Knox County Commissioners may continue with the detection monitoring program in accordance with OAC Rule 3745-27-10(D)(7)(c) at the Knox County Landfill for the next ground water sampling event. The attached interoffice communication (IOC) dated July 19, 2002, discusses the findings of Central District Office DDAGWs review.

You are hereby notified, that this action of the Director of Environmental Protection is final and may be appealed to the Environmental Review Appeals Commission pursuant to Ohio Revised Code Section 3745.04. The appeal must be in writing and set forth the action complained of and the ground upon which the appeal is based. It must be filed with the Commission within thirty (30) days after notice of the Director's action. A copy of the appeal must be served on the Director within three (3) days of filing with the Commission.

An appeal may be filed with the Commission at the following address:

Environmental Review Appeals Commission
236 East Town Street, Room 300
Columbus, OH 43215

If you should have any comments or questions on the above, feel free to contact Laura Parkinson in the Central District Office at (614) 728-3889.

Sincerely,



R. Bruce Coleman, Chief, Central District Office
for Christopher Jones, Director
Ohio Environmental Protection Agency

pc: Bennett & Williams, w/attachment
Knox County Health Dept., w/attachment
DDAGW/CDO w/o attachment
CDO file w/attachment