



State of Ohio Environmental Protection Agency

STREET ADDRESS:

MAILING ADDRESS:

Lazarus Government Center
122 S. Front Street
Columbus, Ohio 43215

TELE: (614) 644-3020 FAX: (614) 644-3184
www.epa.state.oh.us

P.O. Box 1049
Columbus, Ohio 43216-1049

Mr. Tony Furgiuele
Republic Services, Inc.
5131 Drinkle Road
Amanda, Ohio 43102

RE: FAIRFIELD COUNTY; PINE GROVE REGIONAL FACILITY, OAC 3745-27-10(D)(7)(c), GROUND WATER DEMONSTRATION

Dear Mr. Furgiuele:

On September 20, 2005, Republic Services, Inc. submitted to the Ohio Environmental Protection Agency (Ohio EPA) a request, pursuant to Ohio Administrative Code (OAC) Rule 3745-27-10(D)(7)(c)(ii) to continue detection monitoring for 1,1-dichloroethene, cis-1,2-dichloroethene, sodium and ammonia at monitoring well MW-325R at the Pine Grove Regional Facility (PGRF) located in Fairfield County.

During April 2005, a ground water sampling event was conducted at PGRF. Monitoring well MW-325R showed traces of 1,1-dichloroethane, cis-1,2-dichloroethene and also statistically triggered for ammonia and sodium. This well was retested on June 23, 2005 and August 19, 2005. Resampling confirmed that the initial results for 1,1-dichloroethane, cis-1,2-dichloroethene and ammonia were false positives. However, sodium was confirmed on the resample.

Pursuant to OAC Rule 3745-27-10(D)(7)(c)(ii), the owner or operator may demonstrate that a source other than the sanitary landfill facility caused the contamination, or that the statistically significant increase over background resulted from error in the sampling analysis, or statistical evaluation or from natural variation in ground water quality. The September 19, 2005 report concludes that the statistically significant increase of sodium in monitoring well MW-325R was due to the inclusion of a supplemental sampling event from December 2004. The results from that event should not have been included when determining statistics for sodium.

Ohio EPA has reviewed the report, and we concur with the above conclusion. Therefore, pursuant to OAC rule 3745-27-10(D)(7)(c)(ii), I hereby approve keeping monitoring well MW-325R in the detection monitoring program for 1,1-dichloroethane, cis-1,2-dichloroethene, ammonia and sodium at the Pine Grove Regional Facility.

Should future or existing ground water sampling results indicate statistically significant changes in ground water monitoring parameters, the owner or operator will be required to either enter the assessment monitoring program in accordance with OAC Rule 3745-27-10(E) or obtain

Bob Taft, Governor
Jennette Bradley, Lieutenant Governor
Joseph P. Koncelik, Director

Mr. Tony Furgiuele
Republic Services, Inc.
Page 2 of 2

approval to remain in detection monitoring in accordance with OAC Rule 3745-27-10(D)(7)(c).

A detailed account of Ohio EPA's review of the request to remain in detection monitoring will be sent to you under separate cover.

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
309 S. Fourth St.
Room 222
Columbus, OH 43215

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

Sincerely,

Craig Butler, Chief, Central District Office
for Joseph Koncelik, Director
Ohio Environmental Protection Agency

pc: Jennifer Valentine, Fairfield Department of Health
Lisabeth Brown, Eagon and Associates
DDAGW/CDO
Duane Snyder DSIWM/CDO

CB/LP/jl

may2004-10D7c.wpd