



State of Ohio Environmental Protection Agency

Northwest District Office

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www.epa.state.oh.us

Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

Re: Closed Solid Waste Landfill
Inspection Results

August 11, 2008

Putnam County Commissioners
245 East Main Street
Ottawa, Ohio 45875

Dear Commissioners:

On July 29, 2008, I, representing the Ohio Environmental Protection Agency (Ohio EPA), conducted an inspection of the closed Putnam County Landfill (Landfill). The inspection was conducted in accordance with Ohio Administrative Code (OAC) Chapter 3745-37. The purpose of the inspection was to verify compliance with OAC Chapter 3745-27, and the Director's Final Findings and Orders (DFF&Os) effective January 22, 2001. The Landfill was not represented during the inspection; however, the findings of the inspection were discussed with Mr. Jim Siefker upon completion. The weather at the time of inspection was sunny, hot, and dry.

The inspection included the landfill cap and roads. Following are the findings of the inspection:

A large portion of the cap lacks vegetation. The areas lacking vegetation were in similar locations to areas noted as a violation during a July 20, 2007 inspection. Minor erosion was observed in many of the bare areas. Larger erosion rills were also noted in several areas, including areas along a drainage berm located around the top portion of the landfill. Erosion of the soil will continue to be an issue until vegetation is established in areas that are lacking vegetation. See attached drawing for bare areas and erosion noted during the inspection.

OAC Rule 3745-27-14(A)(2) states:

- (A) . . . the owner, operator, or permittee shall conduct post-closure care activities at the sanitary landfill facility for a minimum of thirty years. . . Post-closure care activities for a sanitary landfill facility shall include, but are not limited to the following: . . .
 - (2) Maintaining the integrity and effectiveness of the cap system, including making repairs to the cap system as necessary to correct the effects of settling, dead vegetation, subsidence, ponding, erosion, leachate outbreaks, or other events, and preventing run-on and runoff from eroding or otherwise damaging the cap system.

The owner/operator continues to be violation of OAC Rule 3745-27-14(A)(2) for failing to conduct adequate post-closure care activities at the landfill, i.e. failing to establish adequate vegetation on the cap system so as to prevent erosion or other damage to the cap.

Ohio EPA understands that an attempt to establish vegetation was made in 2007 without success. It is Ohio EPA's expectation that a more aggressive approach will be made to successfully establishing vegetation in areas lacking vegetation. Additionally, it is Ohio EPA's expectation that areas of erosion that were noted during the inspection are repaired as soon as possible.

Please respond in writing within 30 days of receiving this letter with details of how areas of erosion will be address along with how an acceptable level of vegetation will be established. Please include a detailed timeline outlining when the above mentioned issues will be corrected.

The following items were also noted:

- The areas with established vegetation have not been mowed. Ohio EPA recommends that the owner/operator mow the landfill cap at least annually for several reasons: to help the areas with established grass grow thicker and spread, to discourage or prevent the growth of woody stemmed vegetation (bushes or trees) that may damage the landfill cap, and to make identification of problems (erosion, ponding, etc.) easier when they are smaller and easiest to repair.
- On August 7, 2008 Ohio EPA received a quarterly inspection report dated July 29, 2008. The inspection, completed by Mr. Jim Siefker, indicated issues similar to what was observed by Ohio EPA during the July 29, 2008 inspection; however, no recommendations for remedial action or maintenance were made on the inspection form. In this instance the response requested above will serve as the recommendations for remedial action or maintenance; however, in the future when issues are noted on an inspection please include recommendations on the inspection form.

This correspondence addresses specific observations only for the areas of the Putnam County Landfill that were inspected. Nothing present in, nor absent from this correspondence is intended to mean that no other violations existed at the facility at the time of inspection.

Compliance with the requirements outlined in this letter, or the solid and infectious waste provisions contained in the Ohio Revised Code Chapter 3734. and the rules promulgated thereunder, does not relieve the owner/operator of the Putnam County Landfill from their obligations to comply with other applicable state and federal laws and regulations.

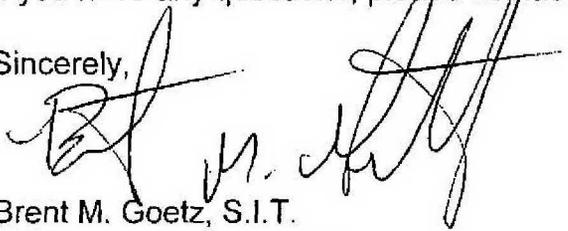
Putnam County Commissioners

August 11, 2008

Page 3

If you have any questions, please contact me at (419) 373-4114.

Sincerely,



Brent M. Goetz, S.I.T.

Environmental Specialist

Division of Solid and Infectious Waste Management

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pc: ~~DSIWM-NWDO:File:Putnam County; Putnam County Landfill, inspections -~~
(w/attachment)

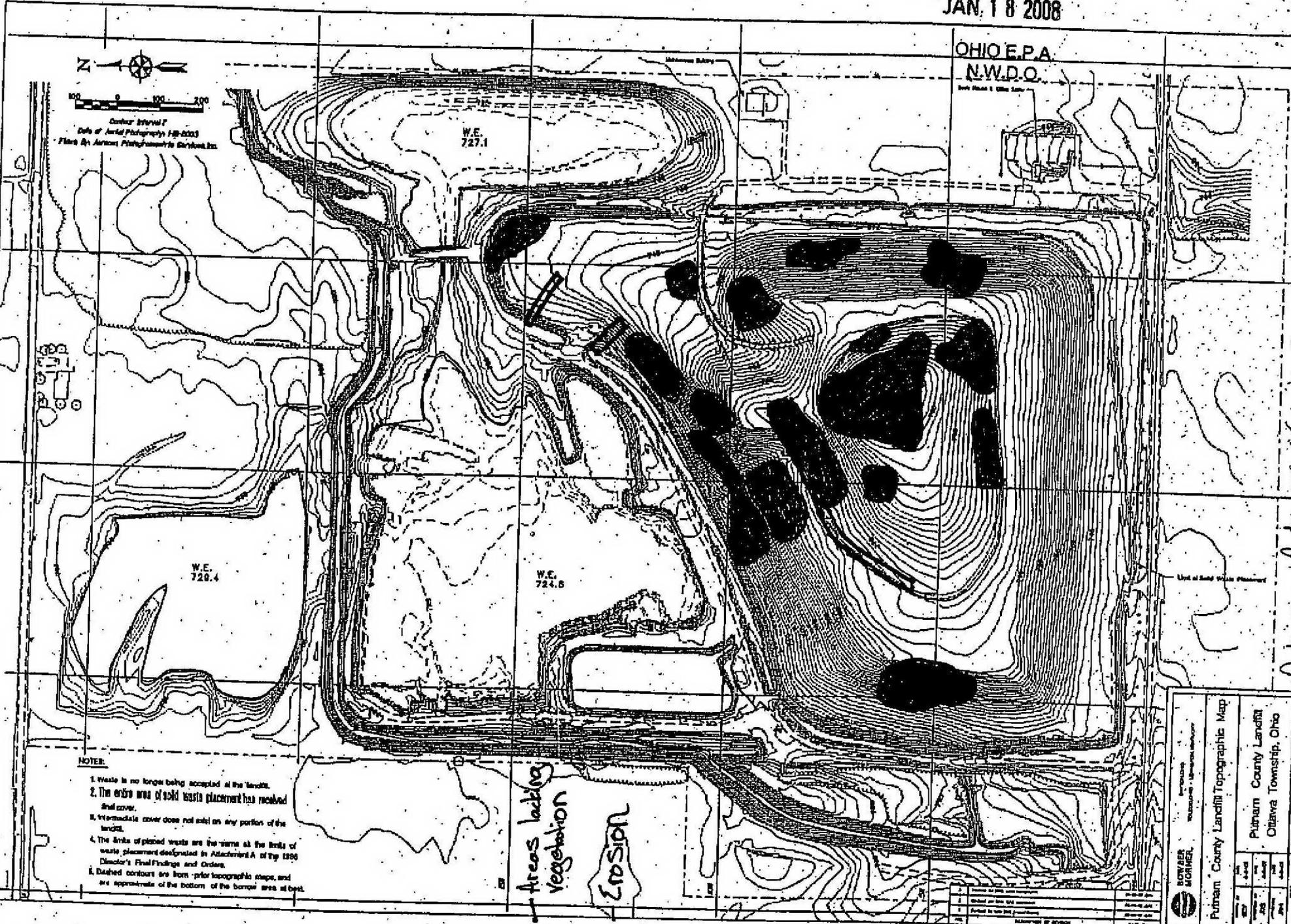
Lorna L. Snyder, Bowser-Morner, Inc. (w/attachment)

ec: Mike Reiser, DSWIM, NWDO

JAN 18 2008

OHIO E.P.A.
N.W.D.O.

North Arrow
Scale 1" = 200'
Contour Interval 7'
Date of Aerial Photography 10-8-2003
Photo By Aerial Photography Services, Inc.



NOTES:

1. Waste is no longer being accepted at the landfill.
2. The entire area of solid waste placement has received final cover.
3. Intermediate cover does not exist on any portion of the landfill.
4. The limits of placed waste are the same as the limits of waste placement designated in Attachment A of the 1996 Director's Final Findings and Orders.
5. Dashed contours are from prior topographic maps, and are approximate of the bottom of the borrow area at best.

Areas lacking Vegetation

Erosion

Native area distribution of map

BOYER SCHMIDT
Engineering & Construction

Putnam County Landfill Topographic Map

Putnam County Landfill
Ottawa Township, Ohio

DATE	BY	APP'D	DATE
2008	JOS		
2008	JOS		
2008	JOS		

Scale: 1" = 200'