



State of Ohio Environmental Protection Agency

Southwest District Office

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Ted Strickland, Governor  
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CERTIFIED MAIL

October 9, 2009

Waste Management  
Mr. Frank Fello  
3415 Twp. Rd #447  
Glenford, Ohio 43739

Re: **Stony Hollow Landfill, Montgomery Coun**  
**Notice of Violation**

Dear Mr. Fello:

On October 1, 2009, Michelle Ackenhausen and Betty Arthungal of the Ohio Environmental Protection Agency (Ohio EPA), Division of Solid and Infectious Waste Management (DSIWM), Southwest District Office (SWDO), made a site visit to the Stony Hollow Landfill (Facility). Upon arrival, we spoke with the Site Manager, Frank Dockery, who informed us that the leachate pump had shut off the previous night due to leachate tanks 1 and 2 not equalizing. He also informed us that the direct connect to the sanitary sewer was not yet completed but could be done that day or the next. The following compliance issues were observed by Ohio EPA staff during the visit to the Facility.

**Violation**

Ponding leachate was observed in Cell 4 at the time of inspection (see photo in figure 1). The pump readout at the time was seventy-eight inches. The leachate level exceeded the maximum allowable depth of twelve inches which is a violation of Ohio Administrative Code (OAC) 3745-27-08(C)(3)(c) which states in part:

*"The leachate collection and management system shall be designed to limit the level of leachate in areas other than the sumps to a maximum of one foot throughout the operation and post closure of the facility."*

0349 6430  
7005 1620 0006 2219 6430

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Street, Apt. No., or PO Box No.: Frank Fello  
City, State, ZIP+4:

PS Form 3800, June 2002 See Reverse for Instructions



Figure 1: Leachate Southeast corner of cell 4

Later the same day in a conference call between this office and Mr. Dockery, we discussed the issue of leachate exceeding twelve inches and the probable contributing factors to this situation that could compromise the integrity of the liner system. Based on this conversation, it is our understanding that tanks 1 and 2 were not equalizing due to a maintenance problem with the bypass tube. Additionally, the delay in completion of the direct-connect also contributed to the inadequate availability of functional conveyance structures to remove leachate from cell 4.

This office was informed by the Facility that the following repairs and measures have been taken to respond to the situation: on October 1, 2009 the bypass tube was repaired, however this did not abate the ponding leachate as expected. On October 2, 2009 the tie-in to the sanitary sewer was completed. A pump was placed in the former dewatering sump of cell 4 and leachate was removed to the facility leachate truck for transport to the leachate storage tanks. The facility also decided to resume leachate recirculation to cells 2 and 3. Further investigation on October 3, 2009 determined that the cell 4 sump pump was clogged with hay; the pump was removed and a bigger pump installed. In a phone message left over the weekend, on October 4, 2009, Mr. Dockery informed this office that the leachate level in cell 4 no longer exceeds twelve inches.

It is our expectation that the leachate volume totals are inspected at least daily by the Facility staff and documented as well as the volume of leachate hauled off (as required by OAC 3745-27-19 (E)(11)). Furthermore, it is our request that the bypass tube between tanks 1 and 2 be put on a routine inspection schedule.

Please revise the contingency plan to address how this situation will be prevented through daily inspections, regular maintenance of the engineered components, and, in

the event of any mechanical failures, how this will be corrected in a timely manner. Please provide a copy of the revised plan to this office.

Other compliance issues noted during this site visit are as follows:

1. Some blowing litter and flagging waste in Cell 4 were noted, see figures 2 and 3.



Figure 2: Blowing litter and flagging waste, looking southwest at cell 4



Figure 3: Blowing litter/flagging waste, looking west at cell

2. Some wet areas of ponding water were noted on top of Cells 1 and 2 and erosion on the side slope of Cell 2 (see figures 4, 5, 6 and 7). Please undertake actions as necessary to correct these conditions as required by OAC 3745-27-19 (J)(3).

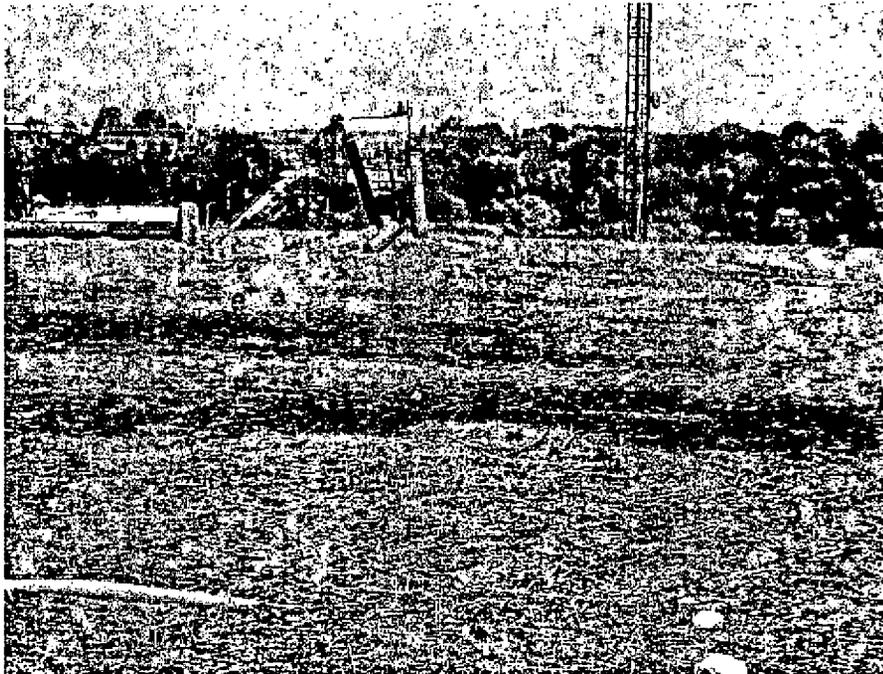


Figure 4: Ponding water , looking north across facility

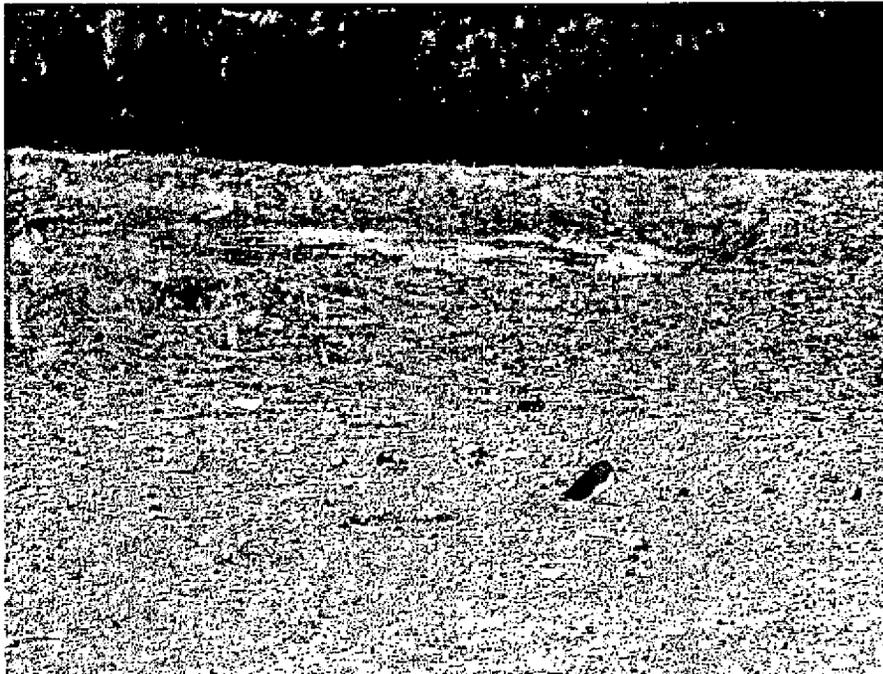


Figure 5: Ponding water, looking southwest at top of facility

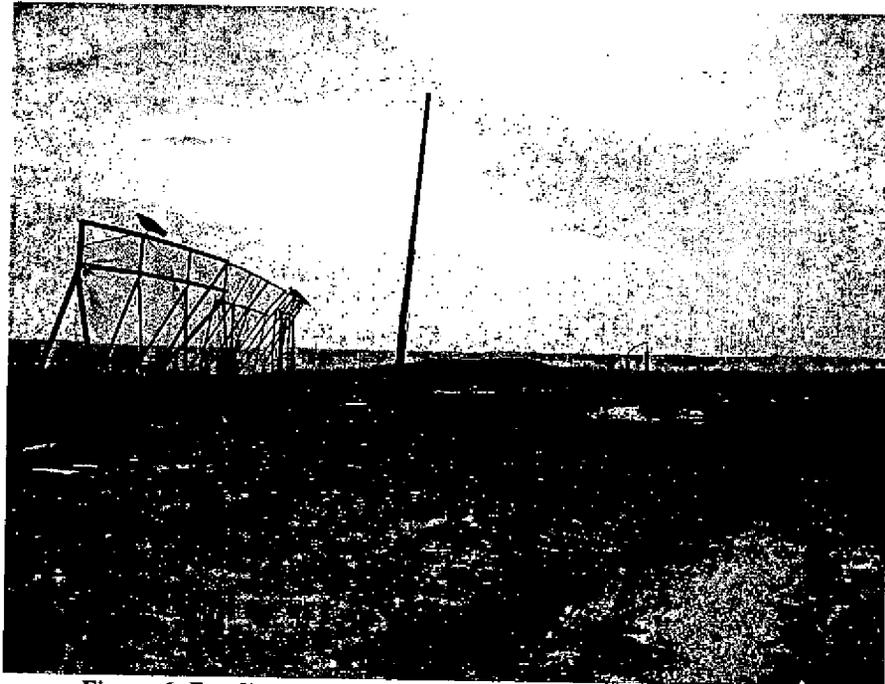


Figure 6: Ponding water, looking south across cell 3

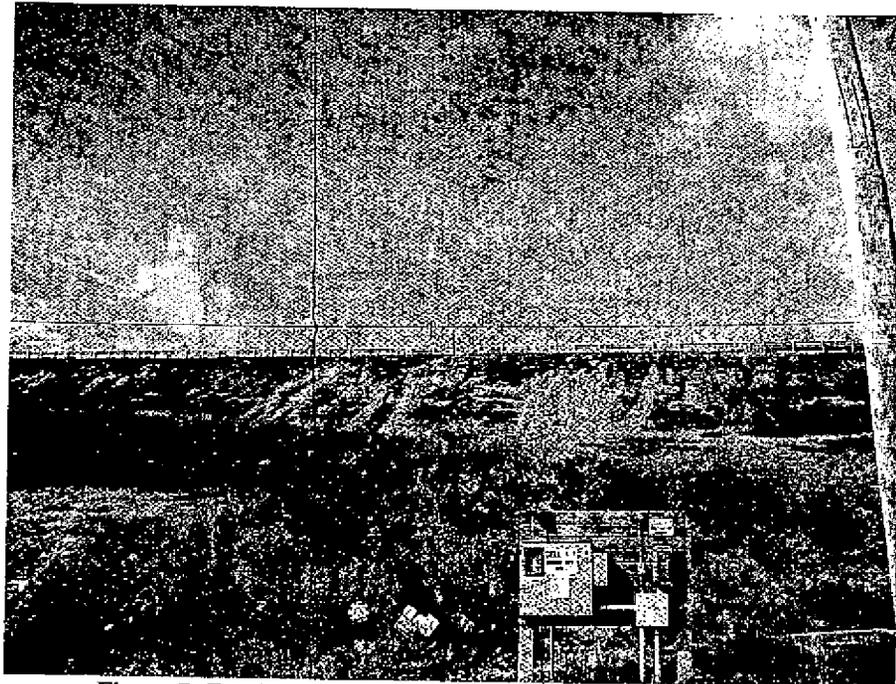
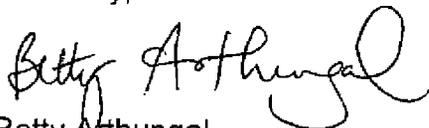


Figure 7: Erosion on east slope from the haul road

Mr. Frank Fello  
October 9, 2009  
Page 6

This office appreciates the cooperation we have received from Mr. Dockery and the timely response to the concerns raised by this office following the October 1, 2009 site visit. Please call us if you have any questions. Please respond to this office within 30 days with a description of corrective actions taken.

Sincerely,



Betty Arthungal  
Division of Solid and Infectious Waste Management

cc: Paul Stuart, PHDMC  
Frank Dockery, Stony Hollow Landfill

BA/rif

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