



Environmental
Protection Agency

John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

Re: Seneca County
Sunny Farms Landfill
Premise # 0374010199
High Priority Facility
Notice of Violation (non-HPV)

September 30, 2011

Mr. Ed Brdicka, Vice President
WCA, LLC
12500 County Road 18
Fostoria, Ohio 44830

Dear Mr. Brdicka:

This letter shall serve as follow-up to the inspection conducted at the above-referenced facility on July 14, 2011. Attending this inspection were Mr. Joe Frola and Mr. John Walker as representatives of the facility. The reason for the inspection was to determine the compliance status of the emission units that are operating at the above-referenced facility with the rules and regulations of Division of Air Pollution Control (DAPC). Subsequently, a meeting was conducted at the Northwest District Office (NWDO) to discuss the inspection and the current permitting issues. This meeting was on August 2 and was attended by Mr. Kyle Nay, Mr. Joe Frola, Mr. John Frola and you representing the facility and Ms. Andrea Odendahl, Mr. Jan Tredway, Ms. Jennifer Jolliff and myself representing the agency.

Based on the observations during the inspection, a review of the facility records and the discussions during the inspection and subsequent meeting, the findings are summarized as follows:

1. The rail car unloading and subsequent truck loading of construction and demolition debris and other materials, identified as emissions unit F003 and most recently permitted under PTI #P0107155 issued on March 11, 2011, was viewed during the inspection. Visible emission observations in accordance with US EPA Method 22 were taken at 9:07 AM for 9 minutes and 32 seconds. During that observation period, 3 minutes and 53 seconds of visible emissions were observed from the north egress point of the emissions unit. This represents a violation of the visible emission restriction in the PTI of no visible emissions for more than three minutes during any sixty minute observation period. This is also a violation of Ohio Revised Code (ORC) 3704.05.

A second Method 22 was conducted starting at 11:03 a.m. and lasting for 14 minutes and 33 seconds. During that observation period, 3 minutes and 43 seconds of visible emissions were observed exiting from the north egress point. There was a stoppage of work that began at 11:08 a.m. and lasted until 11:12 a.m. This was the second recorded violation of the visible emission standard in the PTI as well as a violation of ORC 3704.05.

As noted during the meeting, the spray nozzles that were initially installed as Best Available Technology (BAT) under PTI #03-17030 issued on August 15, 2006, have not been used. Instead, the facility operates spray bars that emit water into the railcars in place of the one hose that was pumping water into railcars. The existing control equipment appears inadequate to the extent that the visible emission limitation is not complied with.

During our meeting, the facility requested a re-examination of the initial BAT determination. After careful review, the company should be advised that this determination has not changed; therefore, a compliance plan is necessary for this emissions unit so that the visible emissions limitation can be achieved.\

2. The unpaved roadway leading up to the landfill face, identified currently as emissions unit F002 and most recently permitted under PTI #P0107155 issued on March 11, 2011, was viewed during the inspection. Visible emission observations in accordance with US EPA Method 22 were taken at 9:24 AM for 7 minutes and 49 seconds. During that observation period, 3 minutes and 55 seconds of visible emissions were observed from the hill leading to the landfill face. This represents a violation of the visible emission restriction in the PTI of no visible emissions for more than three minutes during any sixty minute observation period. This is also a violation of Ohio Revised Code (ORC) 3704.05.

As indicated during the meeting by Mr. Jan Tredway, permitting of this moving roadway will no longer be subject to this stringent visible emission limitation and moving roadways associated with the landfill operations will be included as part of emissions unit F001 (landfill operations). As such, this violation will be considered resolved once a new permit reconciles this issue. In addition, it was noted during the inspection that the main roadway traveled by all of the trucks prior to travel on the moving roadway was in good shape and emissions were minimized by good housekeeping practices.

3. NSPS Subpart WWW initially required Tier II sampling to be conducted at Sunny Farms Landfill (SFL) by October 16, 2000, with subsequent sampling to be conducted in accordance with the rule every five years. SFL conducted the initial test on September 21, 2000, and its second test on June 6, 2006. In the time leading up to the third Tier II sampling event, the company was actively working on the installation of a gas collection and control system (GCCS) to address nuisance odors.
4. On October 7, 2010, SFL submitted notification to postpone the Tier II sampling evaluation. At that time, the utility flare had not been installed so the landfill was passively venting NMOC emissions. Overall, SFL rationalized the postponement as a more accurate representation of NMOC emissions moving forward because the utility flare would be in place and operational thereby applying vacuum to the GCCS and its passive vents. It should be noted that this request was not formally submitted or forwarded to US EPA for concurrence on the issue.

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5. SFL went on to complete the required Tier II testing in February 2011, after the GCCS and utility flare installations were complete. Based on a preliminary review of those results, the NMOC emission rate for 2011-2015 will be below the 50 Mg/yr threshold that requires the installation of GCCS.

The information requested above should be submitted to my attention by no later than October 15, 2011. Please be advised that the submission of the requested information to respond to this letter does not constitute waiver of the Ohio EPA's authority to seek civil penalties pursuant to ORC section 3704.06. The Ohio EPA will make a decision on whether to pursue or decline to pursue such penalties regarding this matter at a later date.

If you have any questions and/or concerns regarding this letter, please feel free to call me at (419) 373-3118 or e-mail at mohammad.smidi@epa.state.oh.us.

Sincerely,



Mohammad Smidi
Environmental Specialist
Division of Air Pollution Control

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~~pc: DAPC-NWDO-Facility-File~~

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