



State of Ohio Environmental Protection Agency

Northeast District Office

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

August 25, 2009

RE: MAHONING COUNTY  
CENTRAL WASTE, INC.  
NPDES PERMIT NO. 3IN00313

Mr. Tom Johnson  
Central Waste, Inc.  
12003 Oyster Road  
Alliance, OH 44601

Dear Mr. Johnson:

On July 7, 2009 this writer, along with Katharina Snyder (DSIWM), conducted a Compliance Evaluation Inspection (CEI) of the Central Waste, Inc. facility. The intent of the inspection was to evaluate the site for compliance with the NPDES Permit and the SWP3. Following are observations made during the inspection.

Site Observations

*Sedimentation Basins for the Limits of Waste Placement*

During the inspection, two sedimentation basins were used to control the discharge of sediment from the areas inside the limits of waste placement; the south sedimentation basin (Outfall 003) and the new north sedimentation basin (Outfall 004). No discharge through Outfall 003 was occurring at the time of the inspection. The north sedimentation basin was receiving water pumped from an existing mining pit. The pit is located in the area of Phase 7 and must be dewatered in order to eventually construct a cell. Discharge of water to Boot Lake from Outfall 004 was occurring at the time of the inspection.

*Areas Outside the Limits of Waste Placement*

A new silt trap (Silt Trap A) was in place near the south sedimentation basin. The new basin is intended to receive storm water runoff from areas west and south of the landfill. Previous to construction of the new basin, runoff from those areas discharged directly to Boot Lake or through a small pond. The discharge from the new silt trap is identified as Outfall 005 in the NPDES Permit. A very slight discharge was occurring at the time of the inspection.

The eastern borrow area east of Boot Lake was inspected for runoff control. It was observed that a large area was disturbed and that sediment control was dependent on silt fence only. An inspection of the silt fence determined that the fence was not properly installed or maintained. This was discussed with you and Brent Clafin during the inspection. It was agreed that Central Waste would modify the sediment control

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plan for the area and provide a design for installation of diversion ditches and silt traps. A subsequent discussion with Dwayne Lanoue of CEC Inc. and review of a concept plan demonstrated that development of a final design was in the preliminary stages. The final plan should be submitted to this office by September 4, 2009.

### *Transfer Station*

The transfer station was inspected to check the progress of the constructed wetland used to treat storm water runoff prior to discharge into the natural wetland adjacent to the transfer building. Some wetland species were previously planted in the wetland and will spread over the summer growing season. Future inspections of the constructed wetland will be made in order to monitor the progress of establishing a healthy community of wetland plants.

The transfer station was not operating at the time of the inspection. Central Waste is currently going through the process of converting the station over to a solid waste transfer facility.

### Compliance Review

#### *Permit Limits*

The compliance record for the Central Waste Inc. landfill was reviewed for the period covering August 2008 through July 2009. Following are violations reported during the review period.

Outfall	Parameter	Frequency	Date	Reported Value	Permit Limit
005	TSS	1-Day Conc.	2/1/09	49 mg/l	45 mg/l
005	TSS	30-Day Conc.	2/1/09	49 mg/l	30 mg/l
003	pH	1-Day Conc.	7/22/09	9.25 su	9.0 su

This writer talked to Brent Claflin regarding the 7/22/09 pH violation. It is possible that the violation was instrument error. A new calibration procedure has been adopted by Central Waste to ensure accuracy of the instrument.

#### *Storm Water Pollution Prevention Plan*

Part II of the NPDES Permit requires that Central Waste keep the SWP3 current. The SWP3 presented during the inspection was current. The plan will require modification to address the anticipated changes to the east borrow area.

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Conclusion

Based on the results of the inspection, compliance with the NPDES Permit was satisfactory except for the east borrow area. Central Waste must take any actions necessary to temporarily control the runoff of sediment from the east borrow area until the plan of diversion ditches and silt traps are in place. Per the SWP3, temporary controls include, but are not limited to, temporary seeding and mulching of areas that will not be further disturbed for at least 21 days and maintaining the silt fence as described in the SWP3. Proper implementation of the SWP3 in order to control sediment runoff is a requirement of Part II,G of the NPDES Permit.

You may contact this office at (330) 963-1251 to discuss any questions you may have regarding this inspection report.

Respectfully,



John Kwolek  
District Engineer  
Division of Surface Water

JK/mt

cc: Jessica Veitz, Sanitarian, Mahoning County Department of Health

ec: John Schmidt, Ohio EPA, DSIWM, NEDO  
Katharina Snyder, Ohio EPA, DSIWM, NEDO