



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

January 14, 2013

RE: TRUMBULL COUNTY
VILLAGE OF YANKEE LAKE
YANKEE LAKE
NPDES PERMIT NO: OHC000003
OHIO EPA PERMIT NO: 3GC04773*AG
CONSTRUCTION STORM WATER INSPECTION

John Jurko
1820 State Route 7 NE
Brookfield, Ohio 44403

Dear Mr. Jurko:

On December 19, 2012, Ohio EPA performed an inspection of Yankee Lake, located at 1800 State Route 7 in the Village of Yankee Lake, Trumbull County (site). I was accompanied by Tomas Parry of Ohio EPA and Steven Kramer of the Trumbull County Health Department. The facility was represented by you, Gary Bauer, and Sean Morgan. Ohio EPA records indicate that the site is covered by General National Pollutant Discharge Elimination System Permit for Storm Water Associated with Construction Activity (General Storm Water Permit), permit No. 3GC04773*AG.

Storm Water Inspection

The inspection documented the following:

- The outlets on sediment basins 1, 5, and 6 have not been constructed in accordance with the details depicted within the "sediment basin data" table provided on page 4 of the storm water pollution prevention plan (SWP3). The table details the following information:

Sediment Basin No.	Standpipe Diameter (inches)	No. of Standpipe Holes	Diameter of Standpipe Holes (inches)
1	6.0	4.0	0.75
5	6.0	4.0	0.75
6	6.0	4.0	0.75

The riser pipes (i.e. standpipes) that have been installed exceed both the six-inch diameter and the number of holes. The riser pipes must be repaired in accordance with the Storm Water Pollution Prevention Plan (SWP3) to satisfy the minimum 48-hour drain time for sediment basins serving a drainage area over five acres. During the inspection, Mr. Bauer committed to modifying the outlet structures to be reflective of the SWP3 by December 21, 2012. On December 20, 2012, Mr. Morgan contacted Ohio EPA to notify Ohio EPA that the appropriate parts were not available and had to be ordered. Mr. Morgan explained that appropriate parts would be available for installation on December 28, 2012. On January 14, 2013, Ohio EPA contacted Mr. Morgan to obtain a status of the outlet modifications. Mr. Morgan explained that appropriate parts have been obtained and due to high stream flow (i.e. water flowing into the site from the stream) and saturated soil

conditions from previous precipitation events, the outlet modifications could not yet be performed. Mr. Morgan anticipates that the outlet modifications may be completed by January 17, 2013 assuming site conditions improve. Removal of accumulated sediment from within the sediment basins is also expected at that time.

- Item 10 under the "Specifications Disturbed Area Entrance" on Page 3 of the SWP3 states that "construction entrances shall not be relied upon to remove mud from vehicles and prevent off-site tracking. Vehicles that enter and leave the construction-site shall be restricted from muddy areas." The current BMPs implemented to prevent offsite tracking of sediment is not effective and must be replaced by a more effective BMP, such as installing a wheel wash.

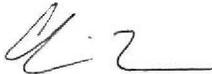
Since the site promotes the mudding of vehicles, the SWP3 detail for offsite tracking must be updated to address how offsite tracking of sediment will be minimized or eliminated. Mr. Bauer explained that he has been reviewing various gravel and landfill facilities to determine the most effective method for preventing sediment (i.e. mud) from being tracked offsite. Mr. Bauer committed to submitting Ohio EPA a formalized plan to prevent tracking of sediment into State Route 7 by February 28, 2013. Examples of possible methods provided by you and Mr. Bauer included a recirculation wheel wash, a recirculation wheel and undercarriage wash, rumble strips, and closing the exit located within the northern parking area. The site's current method of street sweeping is expected to continue.

Corrective Action

As soon as site conditions improve, the outlet structures must be modified to be reflective of the SWP3. Ohio EPA must be notified as soon as the outlet structures have been installed. In addition, information must be also submitted to Ohio EPA by **February 28, 2013** that details the method(s) selected to prevent the offsite tracking of sediment.

Should you have any questions regarding this matter, please contact me at your earliest convenience at (330) 963-1118 or via email at chris.moody@epa.ohio.gov.

Sincerely,



Chris Moody
Environmental Specialist II
Division of Surface Water

CM/cs

cc: Gary Bauer

ec: Tomas Parry, Ohio EPA, DSW, NEDO