



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

November 5, 2012

RE: NPDES PERMIT NO: 3IJ00021
CARMEUSE LIME AND STONE INC.
GRAND RIVER
LAKE COUNTY
INDUSTRIAL

NOTICE OF VIOLATION

Brian Horvath, Plant Manager
Carmeuse Lime and Stone Inc.
15 Williams Street
Grand River, OH 44045

Dear Mr. Horvath:

On October 30, 2012, this writer conducted a pre-permit inspection of the process water treatment system serving the Carmeuse Lime and Stone Grand River facility. The inspection was prompted by the anticipated renewal of the National Pollutant Discharge Elimination System (NPDES) permit. Mr. Mark Reider accompanied this writer during the inspection.

The Grand River facility produces high calcium and dolomite lime. Limestone is calcinated in two rotary kilns. The final product is primarily used in blast furnaces for the production of iron.

Sanitary wastewater, non-contact cooling water and storm water associated with industrial activity are generated at this facility. Sanitary wastewater is treated by a publicly owned treatment works. Water is withdrawn from the Grand River and used as non-contact cooling water for the cooling tower and for cooling the equipment. The non-contact cooling water used in the cooling tower is consumed. The non-contact cooling water used to cool the equipment is recycled. There is no discharge of non-contact cooling water to waters-of-the-state. Storm water is discharged directly to the Grand River through Outfall 001. Prior to discharge, the storm water is treated in a sedimentation basin.

On the day of inspection, the following observations/discussions were noted:

1. Construction of the sedimentation basin was completed in October 2012.
2. Sediment was noticeable around several of the storm drains. In April 2010, the storm water filters were inserted into the 19 storm water drains to keep out oil, sediment and debris. According to Mr. Reider, the filters are emptied on a monthly basis. Consideration should be given to increasing the frequency of removing the sediment and debris from the filters.
3. Outfall 001 was overflowing at the time of inspection due to the heavy rains associated with the impacts of Hurricane Sandy.
4. The Storm Water Pollution Prevention Plan (SWP3) is dated in 2009. As stated in Part IV, D, 4 of the NPDES permit the Storm Water Pollution Plan must require annual site inspections. A report must be generated as described in Part IV, D, 4, c of the permit and

retained in the SWP3 for at least three years. The report must be signed by a responsible corporate officer, as described in Chapter 40, Section 122.22 of the Federal Code of Regulations.

5. An updated NPDES permit application reflecting changes associated with the newly constructed sedimentation basin and new effluent outfall location must be submitted to this office.

A review of the Discharge Monitoring Reports from February 2010 through September 2012 revealed the following permit limitation violations:

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00530	Total Suspended Solids	1D Conc	30	281.	2/1/2010
001	00530	Total Suspended Solids	30D Conc	45	71.	2/1/2010
001	00530	Total Suspended Solids	1D Conc	30	78.	2/2/2010
001	00530	Total Suspended Solids	1D Conc	30	75.	3/9/2010
001	00530	Total Suspended Solids	1D Conc	30	49.	6/15/2010
001	00530	Total Suspended Solids	1D Conc	30	36.	7/9/2010
001	00530	Total Suspended Solids	1D Conc	30	85.	1/18/2011
001	00530	Total Suspended Solids	1D Conc	30	111.	12/7/2011
001	00530	Total Suspended Solids	1D Conc	30	38.	4/3/2012

Be advised that failure to comply with the effluent limitations or to satisfy the monitoring or reporting requirements of your NPDES permit may be cause for enforcement pursuant to the Ohio Revised Code, Chapter 6111.

Once this office receives a complete NPDES permit application, the permit will be drafted. When the draft permit is public noticed, please review it carefully. A thirty-day comment period will be provided. Any questions, comments or concerns regarding the draft permit must be submitted to this district office in writing.

Should you have questions regarding this letter, please contact the undersigned at (330) 963-1183.

Sincerely,



Marie Underwood, P.E.
Environmental Engineer
Division of Surface Water

MU/cs