



**Environmental
Protection Agency**

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

Re: Sandusky County
Martin Marietta Materials, Inc.
Industrial Wastewater

March 28, 2012

Mr. Shannon Wheeler
Martin Marietta Materials, Inc.
755 Lime Road
Woodville, Ohio 43469

Dear Mr. Wheeler:

On March 21, 2012, an inspection was conducted of the wastewater discharge at Martin Marietta Magnesia Specialties, LLC. Mr. Shannon Wheeler, Process Engineer, was present and provided information regarding wastewater treatment. Ground water, plant wash water, wastewater treatment plant (WWTP) effluent and storm water flow to the sedimentation pond(s) prior to discharge.

There are two onsite wastewater treatment plants (WWTP). Both discharge internally to retention ponds within the quarry operation. It was indicated that Clean Water Services, Inc., is contracted to assist in the operations of the two WWTP's. Observations and recommendations of the existing WWTP's are as follows:

1. Both plants were operating and had adequate aeration at the time of the inspection.
2. The sludge return and skimmer were operating in both plants.
3. North WWTP - It was indicated that the pumps, pipes and rails were all recently replaced in the influent lift station.
4. North WWTP - The covered sand filters were clean.
5. South WWTP - One side of the covered sand filter was in use and the other was observed to have a slight buildup of residual solids.
6. The clarifier hopper walls should be scraped down at a minimum of one or two times per week.

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7. Heat lamps are available in both of the sand filter buildings.
8. Disinfection is required from May through October. Both of these plants are equipped with tablet chlorination disinfection, which was out for the season.

We have received your NPDES permit renewal application. The permit renewal is currently being drafted and will be available shortly for your review.

A compliance review of your discharge monitoring reports (DMRs) was conducted. A list of permit violations (January 2007 thru February 2012) is enclosed.

If there are any questions, please advise.

Yours truly,



Mary Beth Cohen
Division of Surface Water

/jlm

Enclosure

pc: Sandusky County Health Department

ec: Inspection Tracking

Martin Marietta
21J00040 (January 2007 thru February 2012)

Effluent Violations

Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
June 2007	604	31616	Fecal Coliform	1D Conc	2000	3400.	6/7/2007
June 2009	603	31616	Fecal Coliform	30D Conc	1000	1500.	6/1/2009

Sampling Frequency Violations

Reporting Period	Station	Reporting Code	Parameter	Sample Frequency	Expected	Reported	Violation Date
July 2007	603	00530	Total Suspended Solids	1/Quarter	1	0	07/01/2007
July 2007	603	80082	CBOD 5 day	1/Quarter	1	0	07/01/2007
September 2007	603	80082	CBOD 5 day	1/Quarter	1	0	09/01/2007
September 2007	603	00530	Total Suspended Solids	1/Quarter	1	0	09/01/2007
October 2007	603	00530	Total Suspended Solids	1/Quarter	1	0	10/01/2007
October 2007	603	80082	CBOD 5 day	1/Quarter	1	0	10/01/2007
November 2007	603	00530	Total Suspended Solids	1/Quarter	1	0	11/01/2007
November 2007	603	80082	CBOD 5 day	1/Quarter	1	0	11/01/2007
January 2008	603	80082	CBOD 5 day	1/Quarter	1	0	01/01/2008
January 2008	603	00530	Total Suspended Solids	1/Quarter	1	0	01/01/2008
February 2008	603	80082	CBOD 5 day	1/Quarter	1	0	02/01/2008
February 2008	603	00530	Total Suspended Solids	1/Quarter	1	0	02/01/2008