



State of Ohio Environmental Protection Agency

Northeast District Office

2110 East Aurora Rd.  
Twinsburg, Ohio 44087

TELE: (330) 963-1200 FAX: (330) 487-0769  
www.epa.state.oh.us

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

March 25, 2010

RE: CARMEUSE LIME INC.  
GRAND RIVER PLANT  
PERMIT NO: 3IJ00021  
LAKE COUNTY

**CERTIFIED MAIL**

Ms. Carol A. Hudak  
Carmeuse Lime Inc.  
Grand River Operations  
3 Clear Spring Road  
Annville, PA 17003

Dear Ms. Hudak:

On February 19, 2010, an inspection of the above referenced facility's wastewater treatment system was conducted. The facility was represented Mr. Gary Eckelberry, Maintenance Supervisor and Mr. Brian Horvath. The purpose of the inspection was to evaluate the validity of the facility's application to modify its NPDES permit along with the facility's compliance status with respect to the terms and conditions of the above referenced National Pollutant Discharge Elimination System (NPDES) permit.

During the inspection, the following items were noted/discussed:

1. The plant was recently shut down for 14 months due to the economic environment.
2. The facility started back up on January 25, 2010.
3. The concrete sedimentation was observed. It appeared to be operational.
4. All storm water, ground water, and non contact cooling water from the facility discharges through station 3IJ000211001.
5. Sampling station 3IJ000211001 was observed. The effluent was clear. However, sediment was visible from the sample location down to the Grand River.
6. The ditch running along the southern end of the property should be dredged to prevent the existing sediment from entering the Grand River. The dredging material should be properly disposed.
7. It appears that the storm water falling on the southern end of the property is not receiving any treatment prior to discharging into the ditch which runs along the southern end of the property. Although the application to modify the facility's permit indicates that the permitted outfall discharges to an internal ditch within Carmeuse's property, this ditch is classified as Waters of the State.

8. **This office is not able to process your request to relocate sampling station 31J00021001 to where the ditch meets the Grand River.** This would allow the ditch to act as a sedimentation basin. As indicated above, the ditch running along the southern end of the facility's property is classified as Waters of the State. The NPDES permit limits must be met where the discharge flows into the ditch. Since this office was unable to favorably process your modification, we requested that Carmeuse Lime withdraw the application so it could be formally taken off the Agency records. This office is in receipt of your e-mail dated March 24, 2010 requesting to withdraw the NPDES permit modification. The modification request was withdrawn from the Agency records on March 25, 2010.
9. Carmeuse is directed to delineate the storm water flows and determine which areas drain to the cement settling pond on the northern end of the property and what portion flows untreated directly to the ditch on the southern end of the property. Based on the above findings, a Permit-to-Install shall be submitted to the Northeast District Office which addresses both the untreated storm water entering Waters of the State and the ongoing NPDES permit violations.
10. Correspondence from this office dated January 25, 2007 requested that this office be notified within 30 days receipt of the letter what actions were proposed for the unbermed area on the southeast corner of the property. Mr. Lindon Pierce, Regional Environmental Manager, indicated that this would be discussed internally. This office has no record of any response addressing this issue.

This office has recently reviewed your self-monitoring reports covering the period January 1, 2007 through January 31, 2010 for the referenced facility. Our review indicates violations of the terms and conditions of your NPDES permit. The specific instances of noncompliance are as follows:

### Limit Violations

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00530	Total Suspended Solids	1D Conc	30	33.	8/14/2007
001	00530	Total Suspended Solids	1D Conc	30	34.	9/7/2007
001	00530	Total Suspended Solids	1D Conc	30	271.	2/1/2008
001	00530	Total Suspended Solids	1D Conc	30	190.	2/6/2008
001	00530	Total Suspended Solids	30D Conc	45	159.	2/1/2008
001	00400	pH	1D Conc	9.0	11.13	2/1/2008
001	00530	Total Suspended Solids	1D Conc	30	93.	3/7/2008
001	00530	Total Suspended Solids	1D Conc	30	73.	3/14/2008

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Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00530	Total Suspended Solids	1D Conc	30	77.	3/20/2008
001	00530	Total Suspended Solids	30D Conc	45	81.	3/1/2008
001	00530	Total Suspended Solids	1D Conc	30	36.	4/4/2008
001	00400	pH	1D Conc	9.0	9.18	4/4/2008
001	00400	pH	1D Conc	9.0	9.17	4/7/2008
001	00530	Total Suspended Solids	1D Conc	30	581.	6/13/2008
001	00530	Total Suspended Solids	30D Conc	45	293.5	6/1/2008
001	00530	Total Suspended Solids	1D Conc	30	35.	11/10/2008
001	00400	pH	1D Conc	9.0	9.48	10/21/2009
001	00400	pH	1D Conc	9.0	9.06	10/22/2009
001	00400	pH	1D Conc	9.0	9.42	10/26/2009
001	00530	Total Suspended Solids	1D Conc	30	286.	1/25/2010
001	00530	Total Suspended Solids	30D Conc	45	286.	1/1/2010

No frequency violations were noted.

**Please inform this office in writing, within 21 days receipt of this letter, of your intentions to address items 6, 7, 9, and 10. The letter should include dates either actual or proposed for completion of the actions. A follow-up inspection will be conducted subsequent to the completion date.**

Please be advised that such instances of noncompliance may be cause for enforcement actions pursuant to the Ohio Revised Code, Chapter 6111.

Should you have any comments or questions concerning this letter, please feel free to call me at (330) 963-1143.

Respectfully,



Michael W. Stevens  
Environmental Engineer  
Division of Surface Water

MWS/mt

pc: Mr. Brian Horvath

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> <li>Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	<p>A. Signature  <input checked="" type="checkbox"/> <i>Michael</i> <input type="checkbox"/> Agent  <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name)  <i>Mike Mihajlov</i></p> <p>C. Date of Delivery  <i>3-30-200</i></p>
<p>1. Article Addressed to:</p> <p><i>Carol A. Hudak  Carmeuse Lime Inc.  Grand River Operations  3 Clear Spring Road  Annville PA 17003</i></p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes  <input type="checkbox"/> No  If YES, enter delivery address below:</p> <p>3. Service Type  <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail  <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise  <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>2. Article Number  (Transfer from service label) <i>7009 1680 0000 6381 4092 (Stevens 3/25/10)</i></p>	

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

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PS Form 3800, August 2006 See Reverse for Instructions

7009 1680 0000 6381 4092