



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

May 6, 2013

Certified Mail

Mr. Daniel Crago
Enon Sand and Gravel, LLC
11641 Mosteller Rd.
Cincinnati, OH 45241

RE: Enon Sand and Gravel, NPDES Reconnaissance Inspection and Notice of Violation

Dear Mr. Crago:

On April 5th I met with Mr. Ed Muhlenkamp to conduct a site inspection at Enon Sand and Gravel's operations in preparation for the renewal of NPDES permit application 11J00062*AD. In addition to Enon Sand and Gravel's operations, there are several other businesses operating at the site, but none of them appeared to generate wastewater discharged to waters of the state.

Enon Sand and Gravel's mining operation occurs on the east side of Enon Road with all storm water from that operation draining into the quarry lake. Mined sand and gravel is conveyed over Enon Road for processing which includes washing, sorting, storage and loading. Wash water is pumped to one of the lakes to the west of Minich Ditch and fresh water is drawn from a subsequent lake. You indicated that none of the lakes on Enon Sand and Gravel's property have an outlet to Minich Ditch.

Storm water runoff from Enon Sand and Gravel's washing and storage areas flow into a sedimentation pond. You have previously indicated that this pond would only discharge under extraordinary conditions and a review of Discharge Monitoring Reports (DMRs) since the NPDES permit was effective on March 1, 2008, revealed that you have reported there has never been a discharge from the sedimentation basin.

There are two issues that require your attention. The first is that, based on my observations, the sedimentation basin apparently does discharge and this discharge has not been monitored for the parameters and at the frequency called for by your NPDES permit. Enon Sand and Gravel's failure to sample discharges from the sedimentation basin is a violation of the terms and conditions of the NPDES permit and subjects you to the penalty provisions of Ohio Revised Code 6111.99 which includes penalties of up to \$25,000 per day and/or imprisonment for up to a year. Discharge monitoring must occur to satisfy the requirements of your NPDES permit.

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The second issue involves the storage of erodible material along the conveyance channel and the significant amounts of sediment I observed washed into the channel from these storage piles. It is necessary to move these piles so that storm water does not wash sediment into the conveyance channel and, subsequently, Minich Ditch.

I believe the portion of the basin that appears to have been relatively recently replaced with rock needs to be replaced with suitable soil material to allow the basin to retain water and sediment. Installing an outlet pipe (with appropriate weep collars) through the wall of the basin would facilitate discharge sample collection. A rock spillway could be provided above the outlet pipe to protect the basin wall from washout during high flow conditions.

With this work, I encourage you to consider constructing forebays at the inlets to the sedimentation basin. Forebays can make the sedimentation basin much more effective and make sediment removal easier as a significant amount of the sediment load is captured in a smaller, more easily accessible area.

Please provide plans showing how the sedimentation basin will be reconstructed to provide effective sediment capture and removal, stable embankments and a suitable outlet. Please submit these plans to this office by June 3, 2013.

Finally, because the sedimentation basin does not discharge directly into Minich Ditch but instead to the channel that conveys storm water from the roadside channel across Enon Sand and Gravel's property, I plan to change the description of the discharge location in the NPDES permit to indicate that the discharge is to a ditch tributary to Minich Ditch.

With your response to this letter, I will be able to continue my review of your NPDES permit application. If you have any questions concerning this letter, the enclosed pictures or the inspection form, please call me at (937) 285-6095.

Sincerely,



Matt Walbridge
Environmental Specialist
Division of Surface Water

MW/kb

Enclosures

cc: Ed Muhlenkamp – Aggregate Management



NPDES COMPLIANCE INSPECTION REPORT

Section A: National Data System Coding

Permit Number 11J00062*AD	NPDES Number OH0137740	Inspection Date 4-5-13	Inspection Type R	Inspector S	Facility Type 2
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Section B: Facility Data

Name and Location of Facility Inspected:	Entry Time	Permit Effective Date
Enon Sand and Gravel, LLC 1665 Enon Road Springfield, OH 45323	1000	March 1, 2008
	Exit Time	Permit Expiration Date
	1115	February 28, 2013
Name(s) and Titles of On-Site Representative(s)	Phone Number(s)	
Mr. Ed Muhlenkamp - Superintendent	(937) 417-2203 (cell)	
Name, Title and Address of Responsible Official:	Phone Number	
Mr. Daniel T. Crago, PE – Environmental and Quality Control Manager Enon Sand & Gravel, LLC 11641 Mosteller Rd. Cincinnati, OH 45241	(513) 771-0820 ext. 3661	

Section C: Areas Evaluated During Inspection

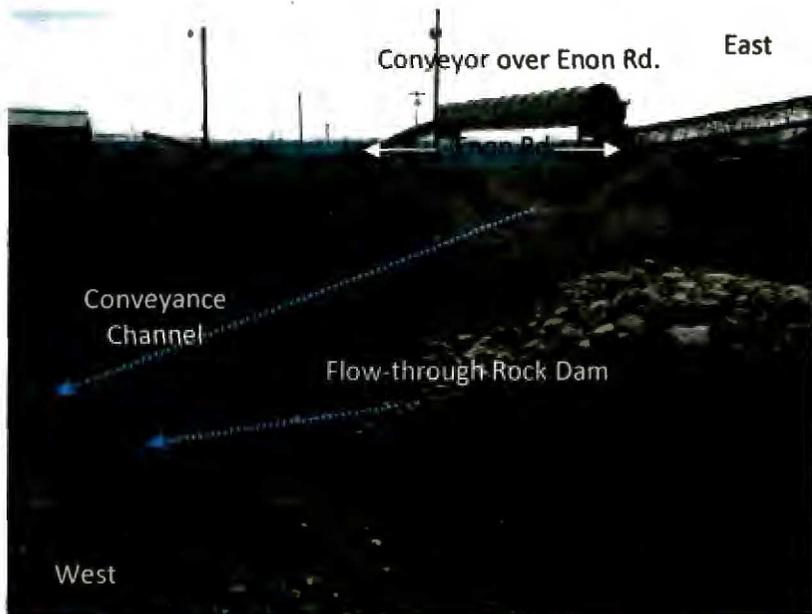
(S = Satisfactory, M = Marginal, U = Unsatisfactory, NA = Not Applicable, NE = Not Evaluated)

U Permit	NA Flow Measurement	NA Pretreatment
U Records/Reports	NA Laboratory	NA Compliance Schedules
Operations & Maintenance	S Effluent/Receiving Waters	NA Collection System
U Facility Site Review	NE Sludge Storage/Disposal	NA Other
U Self-monitoring Program		

Section D: Summary of Findings/Comments (Attach additional sheets if necessary)

- See pictures showing the state of the sedimentation basin.
- The NPDES permit application does not reflect the conditions at the site.
- Sediment from storage piles adjacent to the channel that cuts through the facility to Minich Ditch was washed into the channel.
- Discharge Monitoring Reports state that there have been no discharges since the permit first became effective.
- The sedimentation pond has two inlets with an outlet that appears to be a rock filter on the outlet. The water level was shallow.
- If they were in compliance, this facility would appear to qualify for coverage under Multi-Sector General Permit OHR000005 – Storm Water Associated with Industrial Activity. Sector J1 - Non-Metallic Mineral Mining and Dressing would apply.

Name and Signature of Inspector(s) Matt Walbridge	Agency / Office / Telephone Ohio EPA / Southwest District Office / (937) 285-6095	Date 5-6-13
Name and Signature of Reviewer(s) Martyn G. Burt	Agency / Office / Telephone Ohio EPA / Southwest District Office / (937) 285-6034	Date 5/6/13



SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
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<p>1. Article Addressed to:</p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p>MR. DANIEL CRAGO ENON SAND AND GRAVEL, LLC 11641 MOSTELLER RD. CINCINNATI, OHIO 45241</p> </div>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p> <p>3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input checked="" 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) 7010 1060 0002 4250 4309</p>	
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Sent To

Street, Apt. No., or PO Box No. MR. DANIEL CRAGO
ENON SAND AND GRAVEL, LLC

City, State, ZIP+4 11641 MOSTELLER RD.
CINCINNATI, OHIO 45241

PS Form 3800, August 2006 See Reverse for Instructions

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