



State of Ohio Environmental Protection Agency

**Southeast District Office**

2195 Front Street  
Logan, Ohio 43138

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

January 15, 2010

**Re:** Vinton County  
Austin Powder Company  
Compliance Inspection  
NPDES Permit 01F00003\*ED  
Correspondence (IWW)

Ms. Jennifer Squires  
Austin Powder Company  
P.O. Box 317  
McArthur, Ohio 45651

Dear Ms. Squires:

On December 7, 2009, I conducted a compliance inspection of the wastewater treatment systems serving Austin Powder Company. Vicki German of the Division of Hazardous Waste Management accompanied me on the inspection. You and Mark Walker accompanied me and represented Austin Powder during the inspection. The purpose of the inspection was to determine if the wastewater treatment systems were meeting the terms and conditions set forth in the NPDES permit. Results of the inspection are summarized below.

1. At the time of the inspection, the sewage treatment plants serving the A-Line Change House (outfall 003), Dope House (outfall 004), The Fuse Line (outfall 005), and Emulsion Plant (outfall 006) sanitary wastewater aeration basins appeared light in color. Effluent from these plants was clear. The sanitary treatment plants have an average daily flow that is lower than their design flow. It appears these plants are oversized; when upgrades or significant repair becomes necessary you should consider on-site treatment instead of the traditional package plant.
2. The Bangalore WWTP (outfall 001) had clear effluent. However, the clarifier in the plant had reddish colored sludge floating in it. It is a bad sign to have material floating in your clarifier; it may plug up the sand filters and cause violations. This plant needs to be managed more closely since it has low sludge input, low flow, and industrial wastewater. Please contact me if you still have problems, I may be able to help brainstorm some solutions.
3. The stormwater pond (outfall 007) appears to be functioning properly.
4. The new WWTP (outfall 010) is installed and beginning to receive sewage, though it currently has minimal flow.

5. The lab building currently has all waste going to the septic system. Under Ohio Administrative Code Chapter 3745-34-01, (see [http://www.epa.ohio.gov/portals/28/documents/rules/Final/3745-34-01\\_effective\\_04-23-09.pdf](http://www.epa.ohio.gov/portals/28/documents/rules/Final/3745-34-01_effective_04-23-09.pdf)) lab waste is classified as industrial waste and cannot go into the septic system without a permit to drill and a permit to operate from Ohio EPA's Underground Injection Well Program. See their webpage Class V Injection Wells at [http://www.epa.ohio.gov/ddagw/uic\\_class5.aspx](http://www.epa.ohio.gov/ddagw/uic_class5.aspx). To be in compliance with the regulations I suggest disconnecting the any lab waste and lab waste sinks from the septic system and pumping to your Bangalore Plant (outfall 001). If you need a new tank, you must submit a Permit to Install for the holding tank. Please call this office for further details.
6. At the time of the inspection, Mark Fox stated that NPDES permit station number OIF00003006 had the fecal coliform for all monitoring months instead of summer. You should have received a letter stating that this has been corrected. Please let me know if you have any additional questions.
7. At the time of the inspection, you inquired what waste streams were permitted into the new plant (outfall 010). I am currently evaluating 40 CFR 457 to answer your questions. I will need additional information from you and will contact you shortly.

Please feel free to contact me at (740) 380-5266.

Sincerely,



Cynthia Yandrich  
District Representative  
Division of Surface Water

CY/dh

Enclosure

c: Vicky German, Ohio EPA, DHWM, SEDO

**NPDES**  
Compliance Inspection Report

**A. NATIONAL DATA SYSTEM CODING**

Permit No.	NPDES No.	Date	Inspection Type	Inspector	Facility Type
OIF00003*ED	OH0006173	December 7, 2009	C	S	2

**B. FACILITY DATA**

Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Austin Powder Company -Red Diamond Plant 430 Powder Plant Road, P.O. Box 317 McArthur, Ohio 45651 Vinton County	9:30 a.m.	March 12, 2008
	Exit Time	Permit Expiration Date
	12:30 p.m.	March 31, 2013

Name(s) and Title(s) of On-Site Representative(s)	Phone Number(s)
Jennifer Squires, Environmental Manager	740-596-5286
Name, Address and Title of Responsible Official	Phone Number
Jennifer Squires P.O. Box 317 McArthur, Ohio 45651	740-596-5286

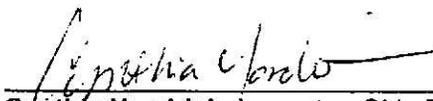
**C. AREAS EVALUATED DURING INSPECTION**

<u>S</u> Permit	<u>N</u> Flow Measurement	<u>N</u> Pretreatment
<u>S</u> Records/Reports	<u>S</u> Laboratory	<u>S</u> Compliance Schedules
<u>M</u> Operations & Maintenance	<u>S</u> Effluent/Receiving Waters	<u>S</u> Self-Monitoring Program
<u>S</u> Facility Site Review	<u>S</u> Sludge Storage/Disposal	<u>N</u> Other
<u>N</u> Collection System		

(S = Satisfactory; M = Marginal; U = Unsatisfactory; N = Not Evaluated)

**D. SUMMARY OF FINDINGS/COMMENTS (attach additional sheets if necessary)**

See letter.

  
Cynthia Yandrich, Inspector, Ohio EPA, Southeast District Office

1-13-10  
Date

  
Timothy Campbell, Reviewer, Ohio EPA, Southeast District Office

1/15/10  
Date