



**Environmental
Protection Agency**

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

Re: Seneca County
Church & Dwight Company, Inc.
Industrial Wastewater

December 14, 2011

Mr. Jason Trausch
Environmental Safety Specialist
Church & Dwight Company, Inc.
2501 East County Road 34
Old Fort, Ohio 44861

Dear Mr. Trausch:

On July 7, 2011, an NPDES permit inspection was conducted at Church & Dwight Company, Inc. In addition to yourself, Mr. Kevin Woleab, Technical Manager, was also present at the time of inspection. Observations and recommendations noted during the inspection are as follows:

- It was indicated that other than storm water, all water is directed to the large pond prior to being pumped to the Sandusky River discharge.
- Storm water flows through onsite ditches prior to discharge to Indian Creek. The ditches provide onsite settling and need to be cleaned periodically.
- It was indicated that there are currently 200 full time employees at this facility.

Wastewater Treatment Plant (WWTP)

- The aeration tank appeared to have adequate aeration at the time of the inspection.
- Timers are in place to cycle the aeration, sludge returns and skimmers on and off.
- The original sludge return (air lift) pumps no longer exist and the sludge and skimmer return pipes are rusted off and no longer exist.
- Individual sludge pumps (on timers) are in place to operate the sludge returns and skimmer, but were not operational at the time of the inspection.
- The contents of the clarifier tanks were observed to be dark grey in color with bulking sludge and septic odor. The sludge return and skimmer were not in operation. The skimmer was able to be operated with a manual start; but, you were unable to start the sludge returns at the time of the inspection.
- It was recommended that the sludge returns be returned to operation as soon as possible. Additionally, the clarifier hopper walls should be scraped down once per day to increase the amount of solids returned and prevent sludge from bulking and floating to the surface of the tank.
- It was indicated that the surface sand filter sand had been replaced.

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- Flow was being directed to the west filter at the time of inspection. Ponding water was observed on the east sand filter.
- Chlorination and dechlorination were provided at the time of inspection. Disinfection is required to be provided from May through October.
- The WWTP (outfall 601) discharges to the large pond prior to the final discharge (outfall 001).

A follow up inspection was conducted on November 1, 2011. Mr. Kevin Woleab was present. Observations noted during the inspection are as follows:

- It was indicated that the timers had been adjusted in regard to operation of the aerators, sludge return and skimmer run times.
- The contents of the clarifier had improved (no longer grey and septic).
- The east sand filter was in use and the west filter was observed to contain an accumulation of solids. The west filter bed should be allowed to dry and solids should be removed before putting it back in use.

A review of your discharge monitoring reports (02/01/2010 through 11/30/2011) shows the following permit violations:

Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
August 2010	601	80082	CBOD 5 day	1D Conc	40	68	8/3/2010
August 2010	601	80082	CBOD 5 day	30D Conc	25	34	8/1/2010
August 2010	601	50060	Chlorine, Total Resid	1D Conc	0.019	1.41	8/3/2010

If there are any questions, please advise.

Yours truly,


Mary Beth Cohen
Division of Surface Water

/jlm

pc: Seneca County Health Department

ec: Inspection Tracking