



State of Ohio Environmental Protection Agency

Northeast District Office

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

October 17, 2007

RE: MCCANN PLASTICS
3IQ00049
OH0107085
STARK COUNTY

Mr. Ray Sbardella
McCann Plastics Inc.
5600 Mayfair Rd.
North Canton, OH 44720

Dear Mr. Sbardella:

On October 11, 2007, this writer conducted a compliance evaluation inspection of your facility for the purpose of determining compliance with the above referenced National Pollutant Discharge Elimination System (NPDES) permit. Below is a summary of the inspection.

Process Description

McCann Plastics custom compounds thermoplastic resins. Raw material is brought in by rail car and unloaded inside the west wall of the building. This limits exposure of raw materials to the environment via storm water. The plastic resins are custom blended to meet individual customer specifications, heated, extruded in one of eight extruders, cut into pellets and packaged.

Wastewater Generated

As the plastic is extruded in strands, it is cooled in a water trough. This is contact cooling water. Heat exchangers cool the extrusion machines and are cooled by non-contact cooling water. The contact cooling water overflows the trough and is replaced continuously to keep the water at the desired temperature. Both the contact and non-contact cooling water enters the floor drains located under each line.

Process water is supplied by well water. Due to the high iron content of the water, it is first treated and filtered. Pressure sand filters are backwashed periodically. The backwash is discharged to the City of Canton sanitary sewers and is not included in your NPDES permit.

Sanitary wastewater is also discharged to the available sanitary sewers.

Treatment Provided

No treatment is provided prior to monitoring at internal station 601. This station is located inside the building under the second to the last extrusion line. There is one more extrusion line, which was added somewhere in 2003/2004, that discharges downstream of station 601. As such it does not represent the entire process wastewater flow. Currently the sampling is done by inserting the sample container inside a 6-inch hole on the floor. A picture is attached for reference. We discussed constructing a sample station which captures all process water before station 601. This should be done as soon as possible. The sampling station should be constructed to provide clear visual access to the water in order to ensure a good sample is obtained.

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Wastewater from station 601 flows outside the building wall to a pond located on the south side of the property. This pond also receives storm water from the building roof. The pond is approximately ¼ acre in size. The overflow is to an open grate catch basin located at the southeast corner of the pond. This is where sampling for outfall 001 occurs. The discharge then flows approximately 50 to 60 feet east to Zimber Ditch.

My previous inspection on July 14, 2006, found this pond and the discharge to Zimber Ditch orange in color. The color was affecting the color in Zimber Ditch. During this inspection the pond color was visually clear. Reportedly this orange color was the result of not treating the well water when the water treatment system was taken out of service for maintenance. Please be advised that this practice is not authorized and is a violation of your NPDES permit. In the future, actions such as scheduling the maintenance during plant shutdowns, only performing maintenance on one or two filters at a time, or obtaining authorization to discharge all waters from outfall 601 to the City of Canton sanitary sewers must be taken. Note that we have no record of your company responding to our request for a plan of action to be submitted by August 17, 2006, addressing the orange color issue. Again, we request that you provide a written plan to address this maintenance issue without causing a violation of the NPDES permit. This plan should be submitted to this office no later than November 17, 2007.

To date, your company is still having a problem submitting these forms using SWIMWARE. A compliance check still indicates even though you are using SWIMWARE that we are not receiving the reports. After consulting with our Central Office, it has been determined that we have not received a Monthly Operating Report (MOR) since August 2003, except for one recently submitted and received in August 2007. You did give me copies of the MOR's for the year 2007 and provided a receipt for August 2007. It appears that you may be submitting the data. In order to resolve this matter, we provide the following instructions:

You will need to backup your database and reinstall SWIMware.

TOPIC: Reinstalling SWIMware, saving DEMS.

Steps to Reinstall (in order)...

1. Find your dems.db file with current date in C:swimware, copy it out to your desktop. This is your database and is the only file from the SWIMware folder that you need to save.
2. Get the training slideshow in hand, download link below. This will step by step show you how to do the download and install.
3. Download software, download link below (or use a CD if you have one).
4. Reinstall SWIMware keeping everything default and overwriting ALL.
5. Once installed, Go to C:swimware and delete the DEMS.db file that was just put there by the new installation.
6. Copy the DEMS.db database file that you put on your desktop and paste it in C:swimware.
7. REBOOT.
8. Open SWIMware software and all should work fine.
9. Package and send in whatever you need to send in.

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Download Training Slideshow

<http://www.epa.state.oh.us/dsw/swims/swtraining.html>

Download Software and follow slideshow

<http://www.epa.state.oh.us/dsw/swims/Version2.html>

We request that you provide all MOR's since June 2003 so that your historical record can be captured. It is suggested that this be accomplished by copying all files onto a CD and then mailed to our Central Office for loading into SWIMS. This must be done as soon as possible and you must notify this writer when it has been done.

If you should have any questions concerning this letter, feel free to contact this writer at (330) 963-1136.

Sincerely,



Philip P. Rhodes, P.E.
Environmental Engineer
Division of Surface Water

PPR/mt

attachment

File: Industrial Permit/Compliance

Cann Plastics 10/11/2007 outfall 001

