



**Environmental
Protection Agency**

Director, Governor
Lt. Governor
Director

Re: Marion County
General Mills
NPDES Permit

October 26, 2010

Mr. Rich Hollerauer
General Mills
4136 Martel Road
Caledonia, Ohio 43314

Dear Mr. Hollerauer:

On October 21, 2010, an operation and maintenance inspection was made of the wastewater treatment plant serving General Mills. The facility is located at 4136 Main Street, Martel, Marion County. This inspection was conducted as part of the renewal process of your facility's National Pollutant Discharge Elimination System (NPDES) permit No. 2IH00106*DD.

At the time of the inspection, the treatment facility was in operation. The contents of the aeration tanks were brown with good roll. The final discharge from the plant was visually clear. However, we did not collect effluent samples to determine the water quality of the discharge during our visit.

Also, we are in the process of renewing your existing NPDES permit which expired on August 31, 2010. Please continue to monitor your facility per your expired permit. Our review of your discharge monitoring reports (11/2009 to 9/2010) for this facility indicated one effluent violation. Please refer to the enclosed violation table and share it with your operator of record.

Our completed inspection form is enclosed for your review. Should you have any questions, please contact me at 419-373-3021.

Yours truly,

Jason Ko
Division of Surface Water

/llr

Enclosures

pc: Marion County Health Department
DSW-NWDO File

OHIO ENVIRONMENTAL PROTECTION AGENCY
OPERATION AND MAINTENANCE INSPECTION

NPDES Permit No. 2IH00106

Facility Name: General Mills Expiration Date: August 31, 2010

Facility Address: 4136 Martel Road Date: 10/21/2010 Time: 11:45 am

City: Caledonia County: Marion Township: Tully

Name and Address of Owner: General Mills, 4136 Main Street, Martel, Ohio

Person Contacted: Rich Hollerauer (Env. Coordinator) & Larry Hanes (WW Operator) Owner Phone: (419) 845-3751

Flow Design: 15,000 GPD Present 7,000 GPD (estimated)

Trib. Pop. 220 (estimated) Weather at time of inspection: Temp 50°F - clear

OEPA Personnel: Jason Ko District: NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None	X	Clear	X	None	X	Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

Effect of effluent on Receiving Stream Name: Not Observed

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None		Clear		None		Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

3. a. Plant has _____ excellent X good _____ fair _____ poor operation
 b. Plant has _____ excellent X good _____ fair _____ poor maintenance
 c. Sand filters have _____ excellent _____ good X fair _____ poor maintenance

d. Not operating at expected efficiency due to:

- (1) _____ hydraulic overload
 (2) _____ organic/ solids underload
 (3) _____ personnel inefficiency
 (4) _____ equipment failure
 (5) _____ wastes
 (6) _____

Disinfection: (Required May 1 thru Oct.31.)

IN	OUT	
<u>X</u>	_____	Chlorination Tablets
<u>X</u>	_____	Dechlorination Tablets
_____	_____	U.V

4. Yes X No _____ Compliance with NPDES Permit Periodic Violations X No _____ Parameters: see violation table
5. X _____ Adequate Plant Safety Chronic Violation _____
6. X _____ Operation and Maintenance Service Name : Hanes Environmental Inc

Frequency of Visits 3/week

Facility Name: General Mills

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	3	Trash Trap	Pumping Frequency: 1/week
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
	1	Flow Equalization	Aerated
Aeration Equipment		Plant Timer <u>X</u> <u>Y</u> <u> </u> <u>N</u>	Cycle Time: "ON" 24 hours
	2	Motor/ Blower Unit	
Secondary Treatment	2	Aeration Tank	Color: Brown; good roll Adequate Aeration: <u>Y</u> <u>X</u> <u> </u> <u>N</u> <u> </u>
Final Settling	1	Clarifier	w/ 2 hoppers
	2	Sludge Return	In <u>X</u> Out <u> </u>
	1	Surface Skimmer	In <u>X</u> Out <u> </u>
	2	Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	
		Polishing Pond	
		Other	
Disinfection	IN	Chlorine Tube Feeder	
	IN	Dechlorination Tube Feeder	
		Ultraviolet (UV)	
Flow Metering	IN	Elapsed Pump Time	At raw pumps (hour meters)
		Recorder (continuous total)	
Pumps	2	Raw Wastewater (type)	
	2	Sand Filter Effluent Dosing	
Sludge Handling	OUT	Aerated Storage Tank	2 units
		Sludge Drying Bed	
Sludge Disposal	IN	Municipal POTW	Haul to City of Marion
		Landfill	
		Land Application	
Advanced Treatment	IN	Post Aeration	
		Spray Irrigation	
		Other	

Get More Data

Permit No.	Reporting Period	Station	Reporting Code	Parameter	Unit/Type	Limit	Reported Value	Violation Date
21H00106*DD	May 2010	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.5	1.84	5/1/2010