



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

Re: Marion County  
General Mills  
NPDES Permit

November 1, 2012

Mr. Ben Willis  
General Mills  
4136 Martel Road  
Caledonia, Ohio 43314

Dear Mr. Willis:

On October 18, 2012, 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 to evaluate compliance with your facility's National Pollutant Discharge Elimination System (NPDES) permit No. 2IH00106\*ED.

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.

Our review of your discharge monitoring reports (1/1/2011 to 10/1/2012) 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

/jlm  
Enclosures  
pc: Marion County Health Department  
ec: Tracking

OHIO ENVIRONMENTAL PROTECTION AGENCY  
OPERATION AND MAINTENANCE INSPECTION

NPDES Permit No. 2IH00106

Facility Name: General Mills Expiration Date: February 29, 2016

Facility Address: 4136 Martel Road Date: 10/18/2012 Time: 1:45 pm

City: Caledonia County: Marion Township: Tully

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

Person Contacted: Ben Willis & Larry Hanes (WW Operator) Owner Phone: (419) 845-3751

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

Trib. Pop. 200 (estimated) Weather at time of inspection: Temp 55°F - cloudy

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

- |    | Yes      | No    |                                   | Yes                 | No                             | Parameters: |
|----|----------|-------|-----------------------------------|---------------------|--------------------------------|-------------|
| 4. | <u>X</u> | _____ | Compliance with NPDES Permit      | Periodic Violations | _____                          | _____       |
| 5. | <u>X</u> | _____ | Adequate Plant Safety             | Chronic Violation   | _____                          | _____       |
| 6. | <u>X</u> | _____ | Operation and Maintenance Service | Name :              | <u>Hanes Environmental Inc</u> |             |
|    |          |       |                                   | Frequency of Visits | <u>2/week</u>                  |             |

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; 15 min "ON" & 15 min "OFF"
Aeration Equipment	2	Plant Timer <u>X</u> <u>Y</u> <u>N</u> Motor/ Blower Unit	Cycle Time: 1 <sup>st</sup> blower "ON" 24 hours ; 2 <sup>nd</sup> blower "ON" 12 hours
Secondary Treatment	2	Aeration Tank	Color : Brown; good roll Adequate Aeration: Y <u>X</u> N <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 New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2IH00106*ED	May 2011	001	31648	E. coli	7D Conc	2318	3400.	5/8/2011