



State of Ohio Environmental Protection Agency

Northwest District Office

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

Re: Auglaize County
The Dannon Company, Inc.
Pretreatment

November 4, 2009

Mr. Didier Menu, Plant Manager
The Dannon Company
P. O. Box 122
Minster, Ohio 45865-0122

Dear Mr. Menu:

On October 6, 2009, an industrial user inspection was conducted at The Dannon Company, Inc., 216 Southgate Drive, Minster, Auglaize County. Mr. Kevin Bock and Mr. Carl Bonifas were present and provided information on the operations and maintenance at the plant. The inspection also included a tour of the production facility. Our observations can be found on the enclosed inspection report.

Also enclosed is a list of violations, ending in June 2009, that have occurred since our last industrial user inspection. Please be advised that failure to comply with the effluent limitations and/or monitoring requirements, including adequate laboratory controls, appropriate quality assurance procedures, and records retention, as specified in your Part III-General conditions of your Indirect Discharge permit may be cause for enforcement action pursuant to Ohio Revised Code, Chapter 6111. If these violations continue to occur and if satisfactory progress is not made, it may be necessary to initiate enforcement action to achieve compliance.

The Ohio EPA strongly encourages pollution prevention as the preferred approach for waste management. The first priority of pollution prevention is to eliminate the generation of wastes and pollutants at the source (source reduction). For those wastes or pollutants that are generated, the second priority is to recycle or reuse them in an environmentally sound manner. You can benefit economically, help preserve the environment, and improve your public image by implementing pollution prevention programs. For more information about pollution prevention, including fact sheets or U. S. EPA's "Facility Pollution Prevention Guide" (EPA/600/R-92.008), please contact the Ohio EPA Pollution Prevention Section at (614) 644-3469.



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If there are any questions, please call me at (419) 373-3022.

Yours truly,



Justin A. Williams
Division of Surface Water

/lr

Enclosures

pc: Mr. Kevin Bock, Environmental Engineer, with enclosures
Mr. Daniel Haehn, WTP/WWTP Superintendent , with enclosures
[DSW-NWDO.File_]

INDUSTRIAL USER INSPECTION CHECKLIST

Facility: The Dannon Company, Inc.

Date of inspection: 10/06/2009

OH Number: OHP000154

IDP Number: 2DP00017

Facility Representative: Kevin Bock, Carl Bonifas

Inspector(s): Justin A. Williams

COMPLIANCE

1. Date of last pretreatment inspection: 10/22/2007

2. Has the facility been in compliance with its permit limits since the last inspection? No
If no, explain: See attached violation sheet.

3. Is the facility in compliance with all other requirements?
Sampling procedures Yes
Reporting (late reporting, failure to report, etc) Yes
Compliance schedules NA
Submitted BMR and 90 day compliance reports NA
Any other requirements NA

If any of the above five answers is no, explain:

4. Was the facility required to perform any actions as a result of the last inspection? No
Explain any unresolved actions:

None.

FACILITY OPERATIONAL CHARACTERISTICS

5. Number of Employees: 370

6. Shifts/Day: 2 and 3

7. Production Days/Year: 358

8. Hours/shift: 12 and 8

9. Any production changes since the last inspection? Yes
If yes, explain:

Increase.

10. General facility description and operations:

Yogurt manufacturer.

Notes:

Pretreatment Plant:

Rotary screen – in service.

EQ basin – in service, approximately 6 feet of material in tank.

DAF#1 – red/orange color with solids on top.

DAF#2 – white color with solids on top.

MBBR#1 – red/orange color, aerated, white foam, smaller media in tank.

MBBR#2 – red/orange color, aerated, white foam, larger media in tank.

Sludge holding tank – 10,000 to 14,000 gallons per day, MSI removes sludge.

Effluent – clear.

Chemicals (at pretreatment plant) – bleach, coagulant, and flocculant.

Production Plant:

Former raw milk pump station has had pumps removed. Flow goes by gravity to manhole in parking lot and then to main lift station to pretreatment plant.

Wastewater is generated by batching, fermentation tanks, and filling machines.

Chemicals used at production plant include: caustic, nitric acid, microlube, acid sanitizer, hydrogen peroxide, phosphoric acid, Du 90 DeLaval, 4 Quat sanitizer, and extract 2.

19. Is there an alarm system for the system? Yes
 Explain: D.O., pH, dry fault, and level alarms.
20. Is there an operations and maintenance manual? Yes
21. Is an inventory of critical spare parts maintained? Yes
 If yes, list:
 Most parts on site, rest are at production plant.
22. Are there any bypasses in the system? No
 If yes, describe the location: None that will lead to an untreated discharge to the POTW.
- Have bypasses occurred since the last inspection? NA
- Was the POTW notified? NA
23. Are residuals or sludges generated? Yes
- Method of disposal:
 Hauling to another facility.
- Frequency and amount of disposal:
 10,000 to 14,000 gallons per day.
- Name of hauler/landfill/disposal facility:
 Mike's Sanitation, Inc. – New Bremen, OH.
- Is any sludge generated subject to RCRA regulations? No
- If land applying sludge, is there a sludge management plan? NA

PROCESS AND WASTEWATER INFORMATION

24. List all processes generating wastewater, current wastewater flows, and where applicable, production rates as well as values on which the permit limits are based:

REGULATED PROCESS	SAMPLE LOCATION	WASTEWATER FLOW (GPD)		PRODUCTION DATA (SPECIFY UNITS)	
		Permit	Current	Permit	Current
WWTP		660,000	550,000		
Total Regulated Process Flow					
Non-contact Cooling					
Blowdown					
Reverse Osmosis Condensate					
Demineralizer Regeneration					
Filter Backwash					
Compressor Condensate					
Storm water					
Other Dilute Flows					
Unregulated Flows(provide list)					
Sanitary			<5,000 gallons		
TOTAL FLOW		660,000 gallons	550,000 gallons		

25. For the above flows not discharged to the POTW, list point of discharge and permit (if any).

Storm water to Village of Minster storm sewers – NPDES permit #21H00004

SELF MONITORING

26. Sample location(s) described in the facility's permit:
Samples shall be collected from the pretreatment plant drain sump attached to final clarifier.
27. Is the facility sampling at the location(s) described in the permit?
If no, describe the actual location: Yes
28. Is the location(s) where the facility is sampling representative?
If no, indicate a representative location: Yes
29. Is the flow measured or estimated? Flow for facility is measured. Measured
If measured, how often is the meter calibrated?
Factory calibrated magmeter.
30. Is pH monitored continuously? Yes
If yes, how often is the meter calibrated?
Quarterly.
31. Does the facility collect its own samples? Yes
If no, specify the sample collector:
32. Are appropriate sampling procedures followed? Yes
Monitoring frequencies Yes
Sample collection (grab for pH, O&G, CN, phenols, VOCs) Yes
Flow proportioned samples Yes
Proper preservation techniques Yes
Sample holding times Yes
Chain-of-custody forms Yes
33. Are samples analyzed in accordance with 40 CFR 136? Yes
34. Laboratory conducting analyses:
Brookside for sludge.

TOXICS MANAGEMENT

35. Are any listed toxic organics used in the facility? Yes
If yes, identify organics:
Nitric acid
36. Does the facility have a current toxic organic management plan(TOMP)? No
If yes, is it being implemented? NA
37. Has the facility had any uncontrolled releases or spills to the POTW since the previous inspection? If yes, please explain: No
38. Does the facility need a spill prevention plan or slug discharge control plan? Yes
If yes, does the facility have a written plan? Yes
Dannon's "One Plan"
39. Identify any potential slug load or spill areas: All flows go to pretreatment plant.

REQUIRED FOLLOW-UP ACTIONS

Effluent violations for The Dannon Company, Inc. - October 2007 to June 2009

Outfall	Date	Parameter	Reported	Units	Limit
001	6/13/2008	NH3	29.5	mg/l	17
001	6/14/2008	NH3	25.4	mg/l	17
001	6/15/2008	NH3	21.4	mg/l	17
001	6/16/2008	NH3	44.0452	kg/day	42.7
001	6/16/2008	NH3	22.4	mg/l	17
001	6/21/2008	NH3	20.5	mg/l	17
001	6/22/2008	NH3	25.8	mg/l	17
001	6/22/2008	NH3	55.0958	kg/day	42.7
001	6/23/2008	NH3	20.8	mg/l	17
001	6/23/2008	NH3	47.1738	kg/day	42.7
001	8/3/2008	TSS	148	mg/l	128
001	8/4/2008	TSS	148	mg/l	128
001	8/5/2008	TSS	162	mg/l	128
001	9/4/2008	TSS	200	mg/l	128
001	9/4/2008	TSS	382.057	kg/day	321
001	10/22/2008	TSS	153	mg/l	128
001	10/23/2008	TSS	140	mg/l	128
001	11/24/2008	Flow Rate	0.854	MGD	0.661
001	12/15/2008	TSS	373.74	kg/day	321
001	12/15/2008	TSS	198	mg/l	128
001	12/16/2008	TSS	400	mg/l	128
001	12/16/2008	TSS	591.217	kg/day	321
001	12/17/2008	TSS	362.512	kg/day	321
001	12/17/2008	TSS	234	mg/l	128
001	12/19/2008	TSS	392.784	kg/day	321
001	12/19/2008	TSS	178	mg/l	128
001	1/9/2009	TSS	170	mg/l	128
001	1/17/2009	NH3	45.6952	kg/day	42.7
001	1/17/2009	NH3	20.4	mg/l	17
001	2/1/2009	TSS	100.928	mg/l	85
001	2/4/2009	TSS	456.246	kg/day	321
001	2/4/2009	TSS	334	mg/l	128
001	2/5/2009	TSS	505.865	kg/day	321
001	2/5/2009	TSS	270	mg/l	128
001	2/27/2009	TSS	186	mg/l	128
001	2/27/2009	TSS	350.385	kg/day	321
001	3/11/2009	TSS	170	mg/l	128
001	4/17/2009	TSS	135	mg/l	128
001	6/25/2009	TSS	345.97	kg/day	321
001	6/25/2009	TSS	188	mg/l	128
001	6/30/2009	TSS	138	mg/l	128