



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Rd.
Bowling Green, OH 43402-9398

TELE: (419) 352-8461 FAX: (419) 352-8468
www.epa.ohio.gov

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

Re: Erie County
BMP Industries, LLC
Sewerage

November 30, 2009

Mr. Ron Hibbard, Plant Manager
12609 State Route 113
P.O. Box 57
Birmingham, Ohio 44816-0057

Dear Mr. Hibbard:

On October 29, 2009, an inspection was made of the wastewater treatment facilities serving BMP Industries. In general, both operation and maintenance were fair. At the time of my visit, the plant's timer was in the "off" mode, however, a clear final effluent was observed in the chlorine contact tank. Both surface sand filters were ponded, with the north one leaking at the seam. I also noted that the dechlorination tube feeder was missing. You stated that these deficiencies would be addressed. Please notify me when these improvements are made. A review of the quarterly NPDES reports indicates some periodic violations with final effluent permit limits. A copy of the violations is enclosed for your review.

Please find enclosed a copy of our inspection report. If there are any errors, or if you have any questions, please call me at (419) 373-3020 or email at rick.zuzik@epa.state.oh.us.

Sincerely,

Richard A. Zuzik, MSE
Division of Surface Water

pc: DSW-NWDO File
Cleanwater Services

OHIO ENVIRONMENTAL PROTECTION AGENCY

OPERATION AND MAINTENANCE INSPECTION
 WWTP'S LESS THAN 25,000 GPD

NPDES Permit No. 2PRO0144

Facility Name Birmingham Metal Products Expiration Date 5-31-11

Facility Address 12609 SR 113 Date 10/29/09 Time 1:30 am pm

City _____ County Erie Township Florence

Name and Address of Owner BMP, LLC, P.O. Box 57, Birmingham 44816

Person Contacted Bon Hibbard, Plant Mgr Owner Phone (440)

Flow: Design 1500 GPD Present _____ GPD (metered - estimated)

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 65° Clear

OEPA Personnel Rick Zuzik District NWDO

1. Plant Effluent - Mark Severity No.

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

2. Effect of effluent on Receiving Stream Name: Sugar Creek - 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 good _____ fair _____ poor operation
 b. Plant has _____ excellent good _____ fair _____ poor maintenance
 c. Sand filters have _____ excellent _____ good _____ fair poor maintenance

d. Not operating at expected efficiency due to:

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

Disinfection: (Required May 1 thru Oct. 31)	
IN	OUT
_____	_____
_____	_____
_____	_____

Chlorination Tablets
 Dechlorination Tablets
 Ultraviolet (U.V.)

Yes No 1/08 - 10/09

4. _____ Compliance with NPDES Permit
 Periodic Violations Y N Parameters: Ammonia
 Chronic Violations _____

5. Adequate plant safety

6. Operation and Maintenance Service
 Name Cleanwater
 Frequency of Visits 1/3 months

Facility Name: BMP

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	/	Trash Trap	Pumping Frequency
		Grease Trap	Pumping Frequency
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment	2	Plant Timer <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Motor / Blower Unit	Cycle Time: $\frac{1}{2}$ hr on / off
Secondary Treatment	/	Aeration Tank	Color: Adequate Aeration <input type="checkbox"/> Y <input type="checkbox"/> N
Final Settling	/	Clarifier	
		Sludge Return	In Out
		Surface Skimmer	In Out
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	Both ponds North - leaking
		Polishing Pond	
		Other	
Disinfection	/	Contact Tank	
		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	MISSING
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
		Recorder (continuous total)	
Pumps		Raw Wastewater (type)	
		Sand Filter Effluent Dosing	
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal		Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	

1/08- 10/09

Get New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PR00144*BD	March 2008	001	80082	CBOD 5 day	30D Conc	10	12.	3/1/2008
2PR00144*BD	August 2009	001	00610	Nitrogen, Ammonia (NH3	1D Conc	1.5	1.94	8/20/2009
2PR00144*BD	August 2009	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	1.94	8/1/2009
2PR00144*BD	August 2009	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.006	.00606	8/1/2009
2PR00144*BD	March 2009	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	3.1	3/1/2009