



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 Korfeski, Director

Re: Huron County  
Big Lots #34  
NPDES Permit #2PR00053

June 30, 2010

Consolidated Stores  
Attn: Senior Property Coordinator  
300 Phillipi Road  
Columbus, Ohio 43228-5311

Dear Sir or Madam:

On June 22, 2010, I conducted an inspection of the wastewater treatment plant serving the Big Lots Store #34 which is currently operating under National Pollutant Discharge Elimination System Permit (NPDES) No. 2PR00053\*ED. At the time of our inspection the plant was operating, however no discharge was observed. No samples were taken to verify compliance with permit limits. Our observations and recommendations are as follows:

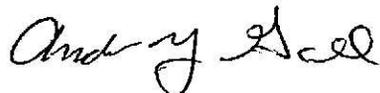
1. The contents of the aeration tank were very weak which is due to low loading at this plant. There was no noticeable odor. The rate of aeration was not evaluated due to the plant being off at the time of the inspection.
2. The contents of the south clarifier were mostly clear with very low solids. There was some algae build up and weed growth observed in the weir. It was noted that the clarifier effluent weir has been repaired and is no longer being held up by a rope.
3. Tablets were observed in both the chlorinator and de-chlorinator.
4. A one-page monthly operations sheet that is maintained by your operator was contained in the control box. In order to comply with record keeping requirements of OAC 3745-7-09 there should be a minimum of the previous three months of operation and maintenance records available for inspection by Ohio EPA at all times. In addition, the rule requires that your operator of record indicate dates and times of arrival and departure on the operations sheet. We request that the monthly operations sheet be updated to indicate arrival and departure times and that the previous three months of operations sheets be maintained at the plant.
5. Our review of the operations sheet indicates that your contract operator only visits the plant a few times per month. Please be aware that Part II.A.3 of your NPDES permit requires your operator of record to be physically present at the facility a minimum of 3 days per week for a minimum of 1.5 hours per week. The permit also requires daily inspections of the plant effluent for color, odor and turbidity. This daily visual inspection could be conducted by a Big Lots staff member and recorded on the operation sheet. The staff member completing the inspection should initial the entry and be sure to indicate the times of arrival and departure.

Senior Property Coordinator  
June 30, 2010  
Page Two

6. A review of the discharge monitoring reports (DMR) shows that overall the plant is in compliance with its NPDES permit limits. However, it was noted that samples were not taken in February 2010. This is a violation of your NPDES permit. Please work with your contract operator to make sure the required samples are taken and analyzed each month.

Our completed inspection form is enclosed for your review. If you have any questions, please contact me at (419) 373-3003 or via email at [andrew.gall@epa.state.oh.us](mailto:andrew.gall@epa.state.oh.us).

Sincerely,



Andrew Y. Gall  
Environmental Specialist II  
Division of Surface Water

/cs

Enclosures

pc: Eastwood Environmental (w/enc.)  
Huron County Health Department  
DSW, NWDO File

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2PR00053

Facility Name Big Lots, 1700 State Route 20 Expiration Date 3/31/2012

Facility Address N. Side of U.S. 20, West of Worwalk Date 6/22 Time 12:00 am  pm

City Norwalk County Huron Township Ridgefield

Name and Address of Owner Consolidated Stores, 300 Phillip Rd, Columbus, OH 43228

Person Contacted \_\_\_\_\_ Owner Phone \_\_\_\_\_

Flow: Design 17,500  GPD Present \_\_\_\_\_ GPD (metered - estimated)

Trib. Pop. \_\_\_\_\_ (actual - estimated) Weather at time of inspection: Temp 80 ° Sunny

OEPA Personnel Andrew Gall District NWDO

1. Plant Effluent - Mark Severity No. Plant Not Discharging - Disinfection Tank

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	<input checked="" type="radio"/> None	<input checked="" type="radio"/> X	<input checked="" type="radio"/> Clear	<input checked="" type="radio"/> X	<input checked="" type="radio"/> None	<input checked="" type="radio"/> X	<input checked="" type="radio"/> 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: 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.)		Chlorination Tablets } Tablets in place
IN	OUT	
<input checked="" type="checkbox"/>	_____	} in place
<input checked="" type="checkbox"/>	_____	
_____	_____	U.V. <u>na</u>

Yes No

4. \_\_\_\_\_ Compliance with NPDES Permit

Periodic Violations Y N Parameters: \_\_\_\_\_  
 Chronic Violations \_\_\_\_\_

5.  Adequate plant safety Locked Fence

6.  Operation and Maintenance Service Name Eastwood Environmental

- Need 3 months of log book Frequency of Visits 1/week June 1, 9, 15

- Need time out in log book

Facility Name: Big Lots #34

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency:
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment	1	Plant Timer <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Motor/ Blower Unit	Cycle Time: Plant off; Append to be on timer
Secondary Treatment	1	Aeration Tank	Color: Mostly Clear, Tree/wood Grains in Aeration Tank Adequate Aeration: Y <input type="checkbox"/> N <input checked="" type="checkbox"/> Plant off
Final Settling	1	Clarifier	Mostly Clear Sludge in Weir
		Sludge Return	In      Out <input checked="" type="checkbox"/>
		Surface Skimmer	In      Out <input checked="" type="checkbox"/>
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	No Sludge Buildup, Weed Free
		Polishing Pond	
		Other	
Disinfection	1	Contact Tank	
	1	Chlorine Tube Feeder	Tablets In
	1	Dechlorination Tube Feeder	Tablets In
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
		Recorder (continuous total)	
Pumps	2	Raw Wastewater (type)	
	2	Sand Filter Effluent Dosing	
Sludge Handling	✓	Aerated Storage Tank	not used
	✓	Sludge Drying Bed	Not used
Sludge Disposal		Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	NA	Post Aeration	
		Spray Irrigation	
		Other	