



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Road
Bowling Green, OH 43402-9398

TELE: (419) 352-8461 FAX: (419) 352-8468
www.epa.state.oh.us

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

Re: Hancock County
Pilot # 360
NPDES Permit

June 30, 2008

Mr. Bill Mulligan, Vice President of Development
Pilot Corporation
5508 Lonas Drive
P. O. Box 10146
Knoxville, Tennessee 37939-0146

Dear Mr. Mulligan:

On April 10, 2008, an operation and maintenance inspection was made of the wastewater treatment facilities serving Pilot #360. The facility is located at State Route 613 and Interstate I-75, Allen Township, Hancock County. Ann Scott from Industrial Fluid Management, Inc. showed me the plant and answered questions. At the time of inspection the plant appeared to be in fair condition. Our observations and recommendations are as follows:

1. The aeration tanks were a chocolate brown color, indicating a good microbial growth in the tanks. The tanks were receiving an adequate amount of aeration. Ann Scott indicated that baking soda is added to the aeration tanks to keep them operating properly.
2. Ann Scott indicated that the sand filters were to be replaced in the near future. Please note that a permit to install must be issued when you change any wastewater treatment system, unless it is an exact swap out of equipment. You should ensure that your sand filters are maintained properly, including removal of weeds and redistributing the sand so that it is even for proper operation.
3. To ensure proper plant safety the fence around the plant should be maintained and locked. The store manager indicated that a new fence was to be installed in the near future.
4. The plant's effluent was clear.
5. The old wastewater treatment facilities need to be properly abandoned. All liquids should be removed and put through the wastewater treatment plant or hauled to a publicly owned treatment works by a licensed hauler.

Mr. Bill Mulligan, Vice President of Development
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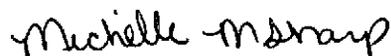
All metal piping and grating should be removed. The tanks can either be abandoned in place by filling with dirt or removed.

We are in receipt of the discharge monitoring reports from July 2006, through April 2008. Our review has indicated violations of the terms and conditions of your NPDES permit. The specific instances of noncompliance are enclosed. Although improvements have been made to the effluent quality, you still have not achieved compliance with your permit.

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 Part III of your NPDES 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.

A copy of our completed inspection report is enclosed for your review. If you have any questions, please feel free to call me at (419) 373-3019.

Sincerely,


Michelle M. Sharp
Division of Surface Water

//lr

pc: Hancock County Health Department w/enclosures
Ms. Ann Scott, IFM w/ enclosures
DSW-NWDO File w/ enclosures
bc: Lauren Angel, AGO



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Sincerely,


Michelle M. Sharp
Division of Surface Water

/llr

pc: Hancock County Health Department w/enclosures
Ms. Ann Scott, IFM w/ enclosures
~~DSW-NWDO File w/ enclosures~~

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2PR00095

Facility Name Pilot Travel Centers LLC #360 Expiration Date 7-31-13

Facility Address 11471 SR 613 West Date 4-10-08 Time 10:00 am/pm

City Van Buren County Hancock Township _____

Name and Address of Owner _____

Person Contacted Ann Scott Owner Phone 1-800-562-6210

Flow: Design 10,000 GPD Present 8,000 GPD (metered - estimated)

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 50 ° Sunny

OEPA Personnel Michelle Sharp District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None	0	Clear	0	None	0	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 X fair _____ poor operation
 b. Plant has _____ excellent _____ good X fair _____ poor maintenance
 c. Sand filters have _____ excellent _____ good _____ fair X 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
_____	_____ U.V.

Yes No

4. X Compliance with NPDES Permit

Periodic Violations X N Parameters: pH, TSS, CBOD
 Chronic Violations X N Ammonia

5. X Adequate plant safety Fence needs repaired

6. _____ Operation and Maintenance Service Name IFM

Frequency of Visits Daily Mon - Fri

Facility Name: Pilot Travel Centers LLC #360

Process	# Units	Unit	If Needed - Description and Comments
Preliminary		Trash Trap	Pumping Frequency:
	X	Grease Trap NAT	Pumping Frequency: <i>Once every 4-6 weeks</i>
		Bar Screen	
		Comminutor	
	X	Flow Equalization	
Aeration Equipment		Plant Timer <u>X</u> Y ___ N	Cycle Time:
	X	Motor/ Blower Unit	<i>1 hour on ; 1 hour off</i>
Secondary Treatment	X	Aeration Tank <i>Baking soda added</i>	Color: <i>Good</i> Adequate Aeration: Y <u>X</u> N ___
Final Settling	X	Clarifier	
	X	Sludge Return	In <u>X</u> Out
	X	Surface Skimmer	In <u>X</u> Out
		Fixed Media Clarifier	
Tertiary Treatment		Surface Sand Filter	<i>1+2 were fixed don't use the other 2</i>
		Polishing Pond	
		Other	
Disinfection		Contact Tank	
	X	Chlorine Tube Feeder	
	X	Dechlorination Tube Feeder	
		Ultraviolet (UV)	
Flow Metering	X	Elapsed Pump Time	<i>Effluent pump + pump to clarifier</i>
		Recorder (continuous total)	
Pumps	X	Raw Wastewater (type)	
	X	Sand Filter Effluent Dosing	
Sludge Handling	X	Aerated Storage Tank	NAT
		Sludge Drying Bed	
Sludge Disposal		Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	X	Post Aeration	
		Spray Irrigation	
		Other	

Violation Date	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value
9/26/2006	001	00300	Dissolved Oxygen	1D Conc	6.0	5.94
10/1/2006	001	00530	Total Suspended Solids	30D Conc	12	30.
10/1/2006	001	00530	Total Suspended Solids	7D Conc	18	30.
10/1/2006	001	00530	Total Suspended Solids	30D Qty	0.45	.91976
10/1/2006	001	00530	Total Suspended Solids	7D Qty	0.68	.91976
10/1/2006	001	80082	CBOD 5 day	30D Conc	10	14.2
10/1/2006	001	80082	CBOD 5 day	30D Qty	0.38	.43535
11/1/2006	001	00530	Total Suspended Solids	30D Conc	12	23.4
11/1/2006	001	00530	Total Suspended Solids	30D Qty	0.45	.68543
11/1/2006	001	80082	CBOD 5 day	30D Conc	10	14.15
11/1/2006	001	80082	CBOD 5 day	30D Qty	0.38	.4168
11/15/2006	001	00530	Total Suspended Solids	7D Conc	18	31.
11/15/2006	001	00530	Total Suspended Solids	7D Qty	0.68	.85655
11/15/2006	001	80082	CBOD 5 day	7D Conc	15	17.8
11/21/2006	001	00400	pH	1D Conc	6.5	5.11
12/1/2006	001	80082	CBOD 5 day	30D Conc	10	23.9
12/1/2006	001	80082	CBOD 5 day	30D Qty	0.38	.43693
12/7/2006	001	00400	pH	1D Conc	9.0	11.07
12/15/2006	001	80082	CBOD 5 day	7D Conc	15	23.9
2/1/2007	001	00530	Total Suspended Solids	30D Conc	12	48.9
2/1/2007	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	22.2
2/1/2007	001	80082	CBOD 5 day	30D Conc	10	49.9
2/22/2007	001	00530	Total Suspended Solids	7D Conc	18	48.9
2/22/2007	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	22.2
2/22/2007	001	80082	CBOD 5 day	7D Conc	15	49.9
3/1/2007	001	00530	Total Suspended Solids	30D Conc	12	12.5
3/19/2007	001	00300	Dissolved Oxygen	1D Conc	6.0	5.7
3/26/2007	001	00300	Dissolved Oxygen	1D Conc	6.0	3.8
4/1/2007	001	00530	Total Suspended Solids	30D Conc	12	24.
4/1/2007	001	00530	Total Suspended Solids	30D Qty	0.45	.4542
4/2/2007	001	00300	Dissolved Oxygen	1D Conc	6.0	4.4
4/16/2007	001	00300	Dissolved Oxygen	1D Conc	6.0	5.9
4/22/2007	001	00530	Total Suspended Solids	7D Conc	18	24.
5/1/2007	001	00530	Total Suspended Solids	30D Conc	12	14.7
5/14/2007	001	00300	Dissolved Oxygen	1D Conc	6.0	1.3
5/18/2007	001	00300	Dissolved Oxygen	1D Conc	6.0	5.5
6/1/2007	001	00530	Total Suspended Solids	30D Conc	12	32.
6/1/2007	001	00530	Total Suspended Solids	30D Qty	0.45	1.09008
6/1/2007	001	80082	CBOD 5 day	30D Conc	10	12.1
6/1/2007	001	80082	CBOD 5 day	30D Qty	0.38	.41219
6/8/2007	001	00530	Total Suspended Solids	7D Conc	18	32.
6/8/2007	001	00530	Total Suspended Solids	7D Qty	0.68	1.09008
7/1/2007	001	00530	Total Suspended Solids	30D Conc	12	44.
7/1/2007	001	00530	Total Suspended Solids	30D Qty	0.45	1.34897
7/15/2007	001	00530	Total Suspended Solids	7D Conc	18	44.
7/15/2007	001	00530	Total Suspended Solids	7D Qty	0.68	1.34897
8/1/2007	001	31616	Fecal Coliform	30D Conc	1000	1097.04
8/15/2007	001	31616	Fecal Coliform	7D Conc	2000	2900.
9/1/2007	001	00530	Total Suspended Solids	30D Conc	12	16.

Violation Date	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value
9/8/2007	001	00530	Total Suspended Solids	7D Conc	18	27.
9/8/2007	001	00530	Total Suspended Solids	7D Qty	0.68	.71537
11/1/2007	001	00530	Total Suspended Solids	30D Conc	12	61.4
11/1/2007	001	00530	Total Suspended Solids	30D Qty	0.45	1.71975
11/1/2007	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	6.79
11/1/2007	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.11	.13621
11/1/2007	001	80082	CBOD 5 day	30D Conc	10	15.5
11/1/2007	001	80082	CBOD 5 day	30D Qty	0.38	.43414
11/22/2007	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	6.79
2/1/2008	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	33.2
2/1/2008	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.11	.87084
2/15/2008	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	33.2
2/15/2008	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.17	.87084
3/1/2008	001	00530	Total Suspended Solids	30D Conc	12	18.7
3/1/2008	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	33.8
3/1/2008	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.11	.74329
3/8/2008	001	00530	Total Suspended Solids	7D Conc	18	18.7
3/8/2008	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	33.8
3/8/2008	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.17	.74329
4/1/2008	001	00530	Total Suspended Solids	30D Conc	12	12.4
4/25/2008	001	00400	pH	1D Conc	6.5	5.78