



**Environmental
Protection Agency**

Ted Strickland, Governor
Lee Fisher, Lt. Governor
Chris Korleski, Director

Re: Hardin County
Green Hills Coach Park
NPDES Permit

October 5, 2010

Mr. Robert E. Gossard
Green Hills Coach Park
16244 State Route 68 South
Kenton, Ohio 43326

Dear Mr. Gossard:

On September 22, 2010, a National Pollutant Discharge Elimination System (NPDES) permit compliance inspection was conducted on the wastewater treatment plant serving Green Hills Coach Park. You were present and provided information regarding operation of the treatment plant.

During our visit, all treatment units were in service. The contents of the aeration tank were dark brown to gray in color. The contents of the clarifier were turbid. The discharge was also turbid. We recommend that you increase aeration in the treatment system. This may be accomplished by installation of new diffusers, cleaning existing diffusers and/or running the blowers for longer periods of time.

Our review of your discharge monitoring reports indicates numerous fecal coliform violations. We recommend increasing the chlorine contact time to provide better disinfection prior to de-chlorination. The enclosed detail plans provided with the Permit to Install application approved in March 2004, show the de-chlorination unit further downstream of the chlorination unit, which would provide a longer chlorine contact time. We recommend you consider arranging the chlorination/de-chlorination units as shown in the approved plans and/or installing a tank (between the chlorination and de-chlorination units) to provide increased chlorine contact time prior to de-chlorination.

Record keeping and documentation at the facility need some attention. A log book should be developed to keep an up to date record for wastewater system operations and maintenance, which contains at a minimum, the following information: identification of the sewerage system, or treatment works; date and times of arrival and departure for the operator of record, specific operation and maintenance activities that affect or have the potential to affect the quality or quantity of sewage received and/or effluent produced; results of tests performed and samples taken, unless documented on a laboratory sheet; performance of preventative maintenance and repairs of the equipment that affect or have the potential to affect the quality or quantity of sewage conveyed, effluent produced; and identification of the persons making entries.

Mr. Robert Gossard
October 5, 2010
Page Two

Our completed inspection report is enclosed for your records. If you have any questions, please call me at (419)373-3008.

Sincerely,



Thomas Poffenbarger, P.E.
District Engineer
Division of Surface Water

/lb

Enclosures

pc: ~~DSW-NWDO-File~~

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2PY00041

Facility Name GREEN HILLS COACH PARK Expiration Date MAY 31, 2011

Facility Address 16244 STATE ROUTE 68 SOUTH Date 9/22/2010 Time 1:30 am / (pm)

City KENTON County HARDIN Township BUCK

Name and Address of Owner ROBERT GOSSARD, GREEN HILLS COACH PARK, 16244 SR 68 SOUTH, KENTON, OH 43326

Person Contacted ROBERT GOSSARD Owner Phone 419-675-2460 HOME 937-354-3701 HARDWARE STORE

Flow: Design 2000 GPD Present 1200 GPD (metered (estimated))

Trib. Pop. 14 MOBILE HOMES (actual - estimated) Weather at time of inspection: Temp 80 ° CLOUDY

OEPA Personnel THOMAS POFFENBARGER, PE. District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None		Clear		None		Colorless
1	Mild						
2	Moderate	X	Light Solids	X	Musty	X	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 _____ poor maintenance

d. Not operating at expected efficiency due to:

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

Disinfection: (Required May 1 thru Oct.31.)	
IN	OUT
<u>X</u>	_____ Chlorination Tablets
<u>X</u>	_____ Dechlorination Tablets
_____	_____ U.V.

Yes No

4. X Compliance with NPDES Permit

Periodic Violations Y N Parameters: AMMONIA, DISSOLVED OXYGEN
 Chronic Violations X _____ FECAL COLIFORM

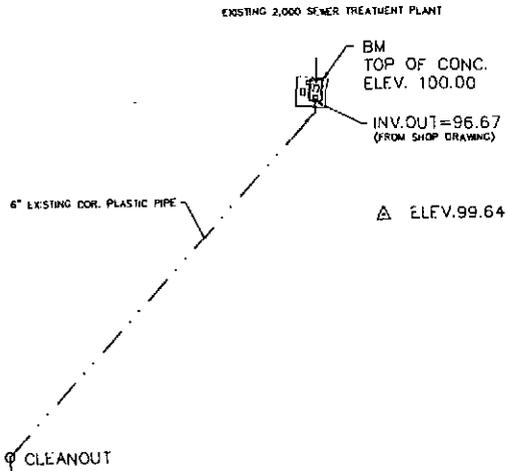
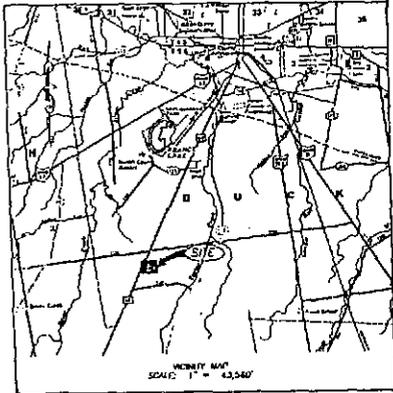
5. X Adequate plant safety

6. X Operation and Maintenance Service Name NA

Frequency of Visits NA

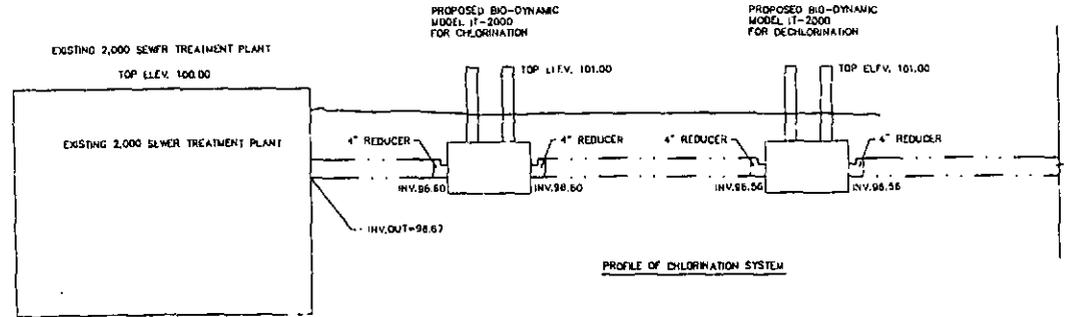
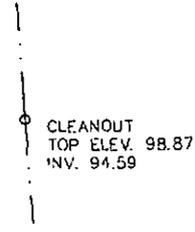
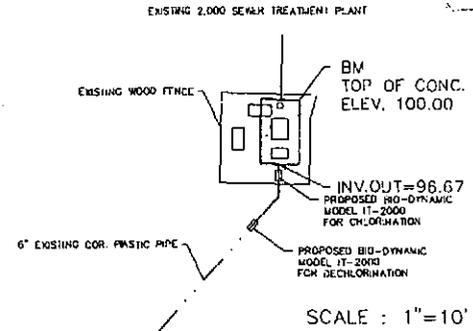
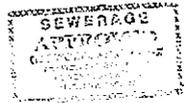
Facility Name: GREEN HILLS COACH PARK

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency: ONCE PER YEAR
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment	2	Plant Timer <u>X</u> Y ___ N Motor/ Blower Unit	Cycle Time: ON 14 HOURS PER DAY
Secondary Treatment	1	Aeration Tank	Color: GRAY BROWN Adequate Aeration: Y ___ N <u>X</u>
Final Settling	1	Clarifier	GRAY
	1	Sludge Return	In <u>X</u> Out CLEAR
	1	Surface Skimmer	In Out <u>X</u> CLEAR
		Fixed Media Clarifier	
Tertiary Treatment		Surface Sand Filter	
		Polishing Pond	
		Other	
Disinfection		Contact Tank	
	1	Chlorine Tube Feeder	IN OPERATION
	1	Dechlorination Tube Feeder	IN OPERATION
		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	



CHLORINATION/DECHLORINATION FOR GREEN HILLS COACH PARK
 16244 STATE ROUTE 68 SOUTH
 KENTON, OHIO 43326

BIO-DYNAMIC MODEL 17-2000



OUTFALL 90.46

PREPARED BY:
 SHELDON ENGINEERING & SURVEYING
 1330 W. 30th ST. OHIO 43001
 TEL: (614) 878-1171
 JAMES D. SHELDON, P.E. & P.S.

DATE: 10/16/04
 James D. Shelton, P.E. & P.S.
 Ohio Surveyor # 4589
 Ohio Engineer # 24779



NOTE: MUST VERIFY PIPE SIZE & LOCATION

NO.	DATE	DESCRIPTION	BY
1	11/24/04	CHANGES	MS

03-14197
 Paid
 10/27/04
 10/27/04

SHELDON ENGINEERING & SURVEYING
 LMA, OHIO
 1330 W. 30th ST.
 OHIO 43001
 TEL: (614) 878-1171
 FAX: (614) 878-1172