



State of Ohio Environmental Protection Agency

Northeast District Office

2110 East Aurora Rd.
Twinsburg, Ohio 44087

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www.epa.state.oh.us

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

August 23, 2007

RE: BLACKBROOK VALLEY ESTATE
PORTAGE COUNTY
PERMIT NO. 3PG00093

Mr. George A. Waliga, Owner
Blackbrook Valley Estates
202 East Summit Street
Kent, OH 44240

Dear Mr. Waliga:

On August 14, 2007, an inspection of the above referenced facility was conducted to obtain and review information for drafting a renewal of the facility's National Pollutant Discharge Elimination System (NPDES) wastewater permit. No one was present during the inspection. The purpose of the inspection was to: (1) evaluate the facility's compliance status with respect to the terms and conditions of the above-referenced NPDES permit and (2) determine required additional actions to be undertaken as part of the permit renewal process.

During the inspection, the following items were noted:

1. The plant design of the wastewater treatment system is 0.030 MGD
2. Currently the plant has been averaging 0.020 MGD with a maximum of 0.140 MGD since April 1, 2002.
3. Both sludge return lines and the skimmer return line were functioning properly.
4. The blowers were running and the plant was receiving good aeration.
5. The weirs and the sidewalls in the settling tank had scum build-up. They should be scraped down, (see Figure 1).
6. Scum build-up was present behind the baffle in the settling tank, (see Figure 2). This scum should also be removed.
7. One of the pipes discharging from the distribution box leading to the center of the surface sand filter bed is leaking at the distribution box, (see Figure 3). This needs to be repaired.
8. Also, a pipe is protruding out of the side of the distribution box and discharging into the corner of the surface sand filter bed, (see Figure 4). This pipe needs to be eliminated immediately. The wastewater should be distributed through the pipes which lead to the center of the filter beds.
9. The surface sand filter beds are overgrown with vegetation, (see Figure 5). This vegetation needs to be removed immediately.
10. The wastewater is ponded on one side of the surface sand filter beds, (see Figure 6). This problem will be remedied once the pipe emanating from the side of the distribution box shown in figure 4 is removed.
11. Several gratings are missing and others are in a state of disrepair, (see Figures 7 & 8). These gratings pose a safety concern and need to be replaced immediately.
12. The chlorination and dechlorination units did not contain any tablets in the dispensing tubes. These units need to be replenished with the appropriate tablets.

This office has recently reviewed your self-monitoring reports covering the period April 1, 2002, through July 31, 2007, for the referenced facility. Our review indicates violations of the terms and conditions of your NPDES permit. The specific instances of noncompliance are as follows:

Limit Violations

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	31616	Fecal Coliform	30D Conc	1000	2233.29	7/1/2002
001	31616	Fecal Coliform	7D Conc	2000	2660.	7/8/2002
001	00300	Dissolved Oxygen	1D Conc	6.0	5.1	7/10/2002
001	31616	Fecal Coliform	7D Conc	2000	7400.	7/22/2002
001	31616	Fecal Coliform	7D Conc	2000	13760.	8/1/2002
001	00300	Dissolved Oxygen	1D Conc	6.0	4.3	1/15/2003
001	80082	CBOD 5 day	7D Conc	23	33.	1/22/2003
001	80082	CBOD 5 day	30D Conc	15	15.5	2/1/2003
001	80082	CBOD 5 day	7D Conc	23	43.	2/15/2003
001	00530	Total Suspended Solids	30D Conc	12	13.75	5/1/2003
001	00530	Total Suspended Solids	7D Qty	2.0	2.22558	5/15/2003
001	00530	Total Suspended Solids	30D Conc	12	12.5	6/1/2003
001	00530	Total Suspended Solids	7D Conc	18	44.	2/1/2004
001	00530	Total Suspended Solids	30D Qty	1.4	2.30365	2/1/2004
001	00530	Total Suspended Solids	7D Qty	2.0	8.99316	2/1/2004
001	00530	Total Suspended Solids	30D Qty	1.4	1.88985	3/1/2004
001	00530	Total Suspended Solids	30D Conc	12	28.25	4/1/2004
001	00530	Total Suspended Solids	30D Qty	1.4	2.25302	4/1/2004
001	00530	Total Suspended Solids	7D Qty	2.0	3.6336	4/8/2004
001	00530	Total Suspended Solids	7D Conc	18	56.	4/15/2004
001	00530	Total Suspended Solids	7D Qty	2.0	2.96744	4/15/2004
001	00530	Total Suspended Solids	7D Conc	18	32.	4/22/2004
001	00530	Total Suspended Solids	30D Conc	12	22.5	5/1/2004
001	00530	Total Suspended Solids	7D Conc	18	86.	5/1/2004
001	00530	Total Suspended Solids	7D Qty	2.0	4.55714	5/1/2004
001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.5	1.7	7/1/2004
001	00610	Nitrogen, Ammonia (NH3	7D Conc	2.3	3.95	7/1/2004
001	00530	Total Suspended Solids	30D Conc	12	13.5	8/1/2004
001	00530	Total Suspended Solids	7D Conc	18	26.	8/1/2004
001	00530	Total Suspended Solids	30D Conc	12	15.8	9/1/2004
001	00530	Total Suspended Solids	7D Conc	18	19.	9/8/2004
001	00530	Total Suspended Solids	7D Conc	18	34.	9/15/2004
001	00530	Total Suspended Solids	30D Conc	12	14.25	10/1/2004
001	00530	Total Suspended Solids	7D Conc	18	25.	10/15/2004
001	00530	Total Suspended Solids	7D Qty	2.0	2.271	10/15/2004
001	00530	Total Suspended Solids	30D Conc	12	15.	11/1/2004
001	00530	Total Suspended Solids	7D Conc	18	27.	11/8/2004
001	00400	pH	1D Conc	6.5	6.48	11/23/2004
001	00530	Total Suspended Solids	30D Qty	1.4	1.60711	12/1/2004
001	00530	Total Suspended Solids	7D Qty	2.0	2.92959	12/1/2004
001	00400	pH	1D Conc	6.5	6.48	1/26/2005
001	00400	pH	1D Conc	6.5	6.16	2/9/2005
001	00530	Total Suspended Solids	30D Conc	12	14.4	3/1/2005
001	00530	Total Suspended Solids	7D Conc	18	25.	3/1/2005

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Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00530	Total Suspended Solids	7D Conc	18	29.	3/15/2005
001	00530	Total Suspended Solids	7D Qty	2.0	2.41483	3/15/2005
001	00530	Total Suspended Solids	7D Conc	18	31.	4/8/2005
001	00530	Total Suspended Solids	7D Qty	2.0	2.11203	4/8/2005
001	00530	Total Suspended Solids	7D Conc	18	19.	5/8/2005
001	00530	Total Suspended Solids	7D Qty	2.0	2.51703	5/8/2005
001	31616	Fecal Coliform	7D Conc	2000	5000.	7/15/2005
001	00530	Total Suspended Solids	30D Conc	12	19.4	8/1/2005
001	00530	Total Suspended Solids	7D Conc	18	37.	8/1/2005
001	00530	Total Suspended Solids	30D Qty	1.4	1.73807	8/1/2005
001	00530	Total Suspended Solids	7D Conc	18	35.	8/22/2005
001	31616	Fecal Coliform	7D Conc	2000	2100.	9/15/2005
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.5	2.1675	10/1/2005
001	31616	Fecal Coliform	30D Conc	1000	1012.27	10/1/2005
001	31616	Fecal Coliform	7D Conc	2000	5000.	10/1/2005
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	2.3	5.6	10/8/2005
001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.26	.42392	10/8/2005
001	31616	Fecal Coliform	7D Conc	2000	5000.	10/22/2005
001	00530	Total Suspended Solids	7D Conc	18	27.	12/8/2006

Please be advised that such instances of noncompliance may be cause for enforcement actions pursuant to the Ohio Revised Code, Chapter 6111.

Please inform this office in writing, within 21 days receipt of this letter, the reasons for the above referenced violations as well as what actions are going to be taken to correct items 5-12. The letter should include dates either actual or proposed for completion of the actions.

The facility's renewal NPDES permit is currently being drafted and will be Public Noticed in the near future. At this time, you will have a 30-day period to evaluate this permit and comment in writing any concerns you may have.

Should you have any comments or questions concerning this letter, please feel free to call me at (330) 963-1143.

Respectfully,



Michael W. Stevens
 Environmental Engineer
 Division of Surface Water

MWS/mt

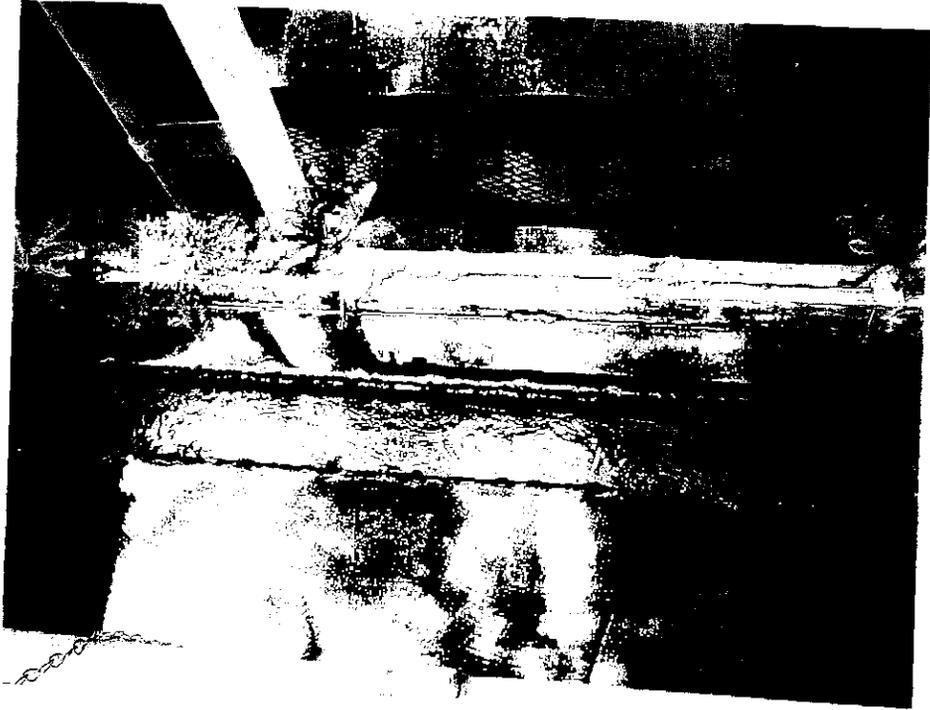


Figure 1

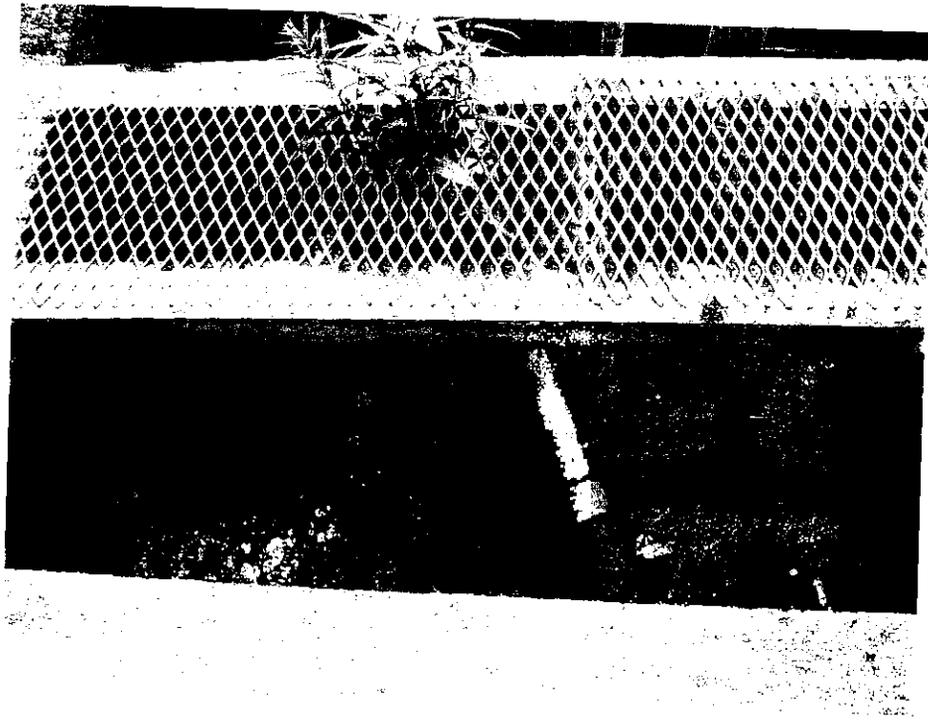


Figure 2



Figure 3

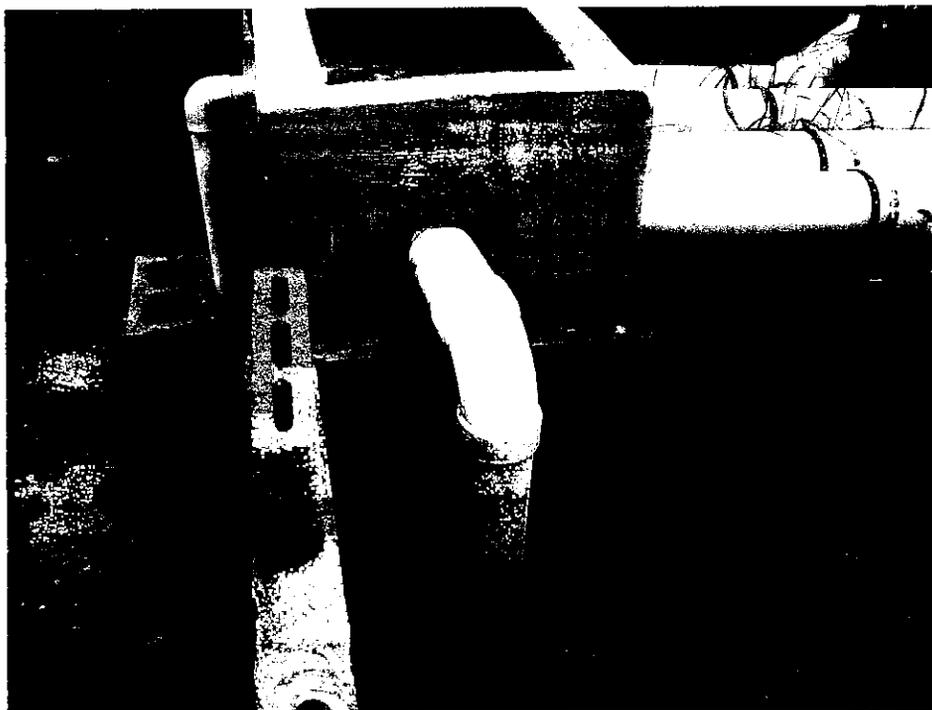


Figure 4



Figure 5



Figure 6

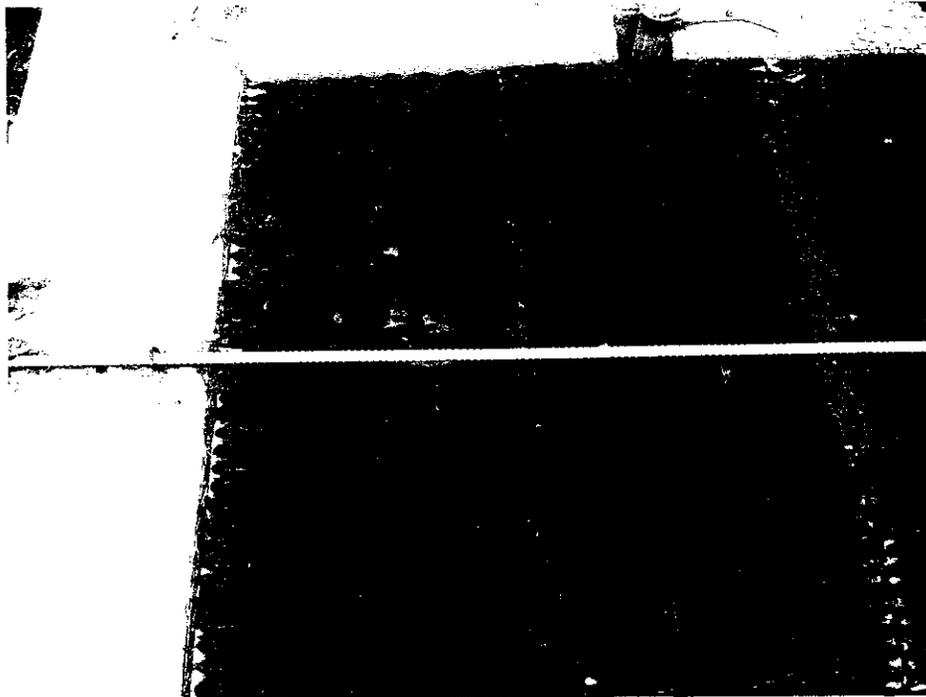


Figure 7

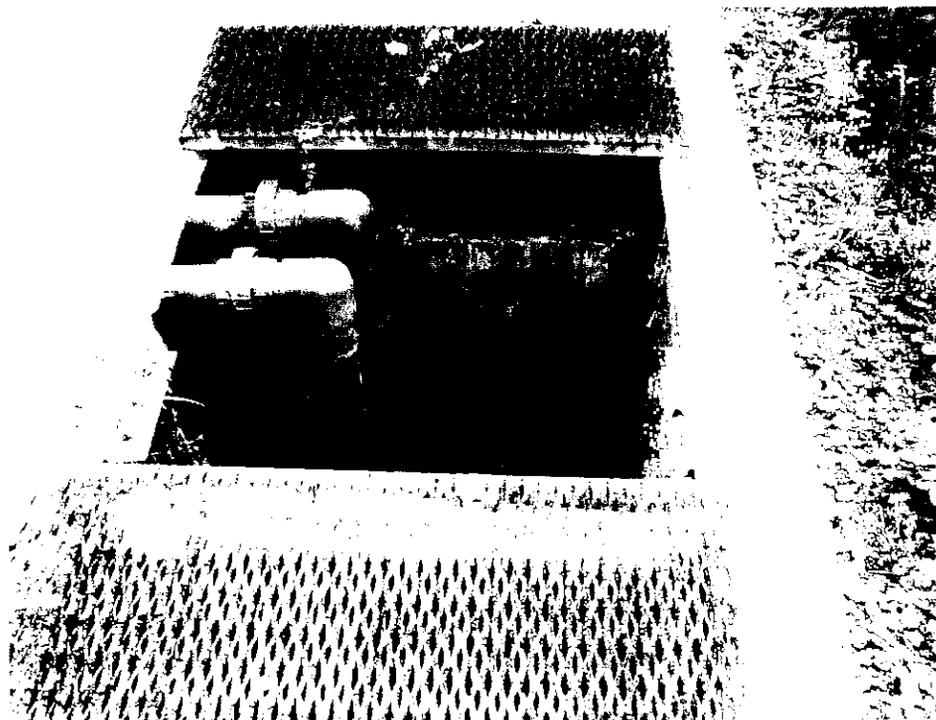


Figure 8