



State of Ohio Environmental Protection Agency

Northeast District Office

2110 East Aurora Rd.
Twinsburg, Ohio 44087

TELE: (330) 963-1200 FAX: (330) 487-0769
www.epa.state.oh.us

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

May 15, 2009

**RE: WAYNE COUNTY
SMITHVILLE TOWNSHIP
SMITHVILLE MHP
5912 AKRON ROAD**

Mr. Dave Tippel, Owner
P.O. Box 35
Smithville, OH 44685

Dear Mr. Tippel:

On May 6, 2009, this writer met with you and Mr. Richard Jackson to conduct an inspection of the wastewater treatment plant serving the Smithville Mobile Home Park. The intent of the inspection was to evaluate the operation and maintenance of the system as part of a routine compliance inspection. The wastewater treatment plant was inspected in your presence. The package plant consists of a trash trap, extended aeration package plant, dosing chamber, surface sand filters, chlorination and dechlorination. Below are the findings and recommendations from the inspection:

- 1) At the time of the inspection, the treatment plant was producing what appeared to be a satisfactory quality effluent. Overall, the plant appeared to be in satisfactory operation and maintenance condition. Since the previous inspection by this office on April 5, 2005, the facility has greatly improved the operation of the plant and also installed a fence around the wastewater treatment plant. In addition, the facility has obtained the services of a certified operator to handle the operation, maintenance and permit monitoring requirements for the wastewater treatment plant.
- 2) The trash trap appeared to be in good condition and it is understood it is cleaned out at least three times a year. Sludge is currently removed from the facility by Stinky's.
- 3) The mixed liquor in the aeration tank was a chocolate brown color and was provided with a good amount of air. The tank itself appeared to have air circulation coming from only one corner of the tank which would indicate one of the diffusers may be clogged. At the time of the inspection, the second aeration tank was lacking air supply and appeared grayish and clear. The air was turned up during the inspection to improve the aerobic conditions within the system and prevent septic conditions from forming. The sludge return lines were in operation and returning concentrated solids. The skimmer return was in operation and was returning a clear liquid. It is recommended the diffusers be inspected to ensure proper rollover and air circulation is obtained within the aeration tanks. Please submit the results of these findings within 30 days of the date of this letter.

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Discharge Monitoring Violations

Reporting Period	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
March 2007	80082	CBOD 5 day	30DConc	15	16.	3/1/2007
March 2007	80082	CBOD 5 day	7D Conc	10	16.	3/8/2007
June 2007	31616	Fecal Coliform	30DConc	1000	2000.	6/1/2007
August 2007	31616	Fecal Coliform	30DConc	1000	4000.	8/1/2007
August 2007	31616	Fecal Coliform	7D Conc	2000	4000.	8/22/2007
August 2007	00610	Nitrogen, Ammonia (NH3	30DConc	1.0	3.	8/1/2007
August 2007	00610	Nitrogen, Ammonia (NH3	30D Qty	0.02	.03974	8/1/2007
August 2007	00610	Nitrogen, Ammonia (NH3	7D Conc	1.5	3.	8/22/2007
August 2007	00610	Nitrogen, Ammonia (NH3	7D Qty	0.03	.03974	8/22/2007

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- 4) The clarifier had some visible floating sludge on the surface of the tank. The skimmer was not visible at the time of the inspection. The skimmer depth must be set at 1/8-inch below the liquid level. At the time of the inspection, the effluent weir was not level and needed to be realigned to allow the effluent to avoid short circuiting. The weir must be cleaned when this work is completed. Please complete this work within 30 days of the date of this letter.
- 5) The dosing pump station appeared to be in good working condition. The surface sand filters appeared to be in good condition with the media in good clean condition. The sand filters were recently raked and cleaned. The discarded sand is sent to a dumpster located onsite.
- 6) The chlorinator and dechlorinator were in operation and appeared to be in good condition. The effluent from the chlorine/dechlorination chamber was clear. The final outfall was located just southeast of the plant and was producing what appeared to be a satisfactory effluent.
- 7) A summary of wastewater treatment plant discharge and frequency violations for the period of January 1, 2007 through May 1, 2009 has been attached to this letter. Please review all plant data to ensure the violations are accurate. Any reporting errors or eDMR errors must be reported to the Ohio EPA so the error can be resolved. You may contact Mr. James Roberts of this Agency's Central Office at (614) 644-2054 to discuss this issue directly.

If you have any questions or comments regarding this letter, please contact this office at (330) 963-1299.

Respectfully,



Laura A. Weber, P.E.
Environmental Engineer
Division of Surface Water

LAW:cl

Enclosures (1)

pc: Wayne County Health Department

File: Semipublic/Wayne County/Smithville Township/Smithville MHP

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Discharge Monitoring Violations

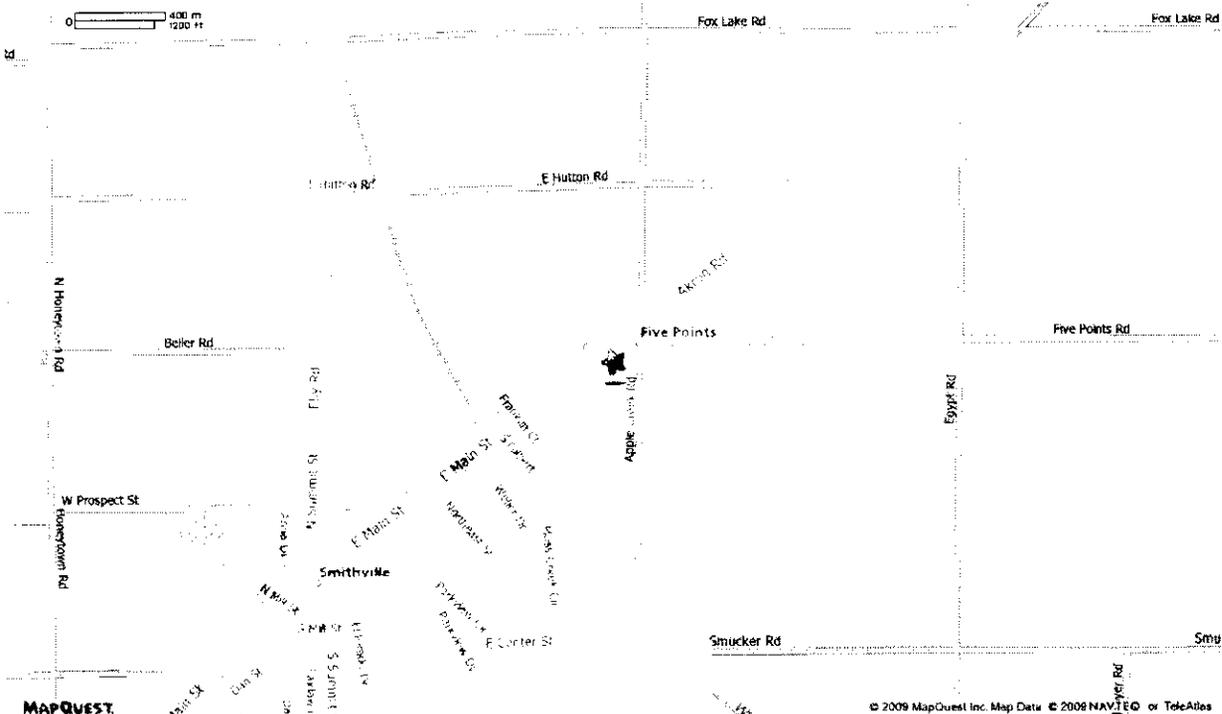
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			30DConc			
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State of Ohio Environmental Protection Agency

JAN 24 2007

STREET ADDRESS:

Lazarus Government Center
122 S. Front Street
Columbus, Ohio 43215

TELE: (614) 644-3020 FAX: (614) 644-3181
www.epa.state.oh.us

MAILING ADDRESS:

P.O. Box 1049
Columbus, OH 43216-1049

OHIO EPA NEDO

November 10, 2005

Re: Ohio EPA Permit No. 3PG00139*AD
Application No. OH0092291
Facility Name: Smithville MHP

David Toppel dba Smithville MHP
PO Box 35
Smithville, OH 44677

Ladies and Gentlemen:

We propose to make to following minor modification to the above referenced permit.

Page Correction

- 2 Change monitoring months from "All" to "Quarterly" for parameters 80082-CBOD 5-day for Final Outfall 3PG00139001.

If you consent to this change, please sign below and incorporate the corrected page into your permit. The proposed minor modification will become effective on the date we receive this signed letter from you at the following address: Ohio Environmental Protection Agency, Division of Surface Water, Permit Administration Section, P. O. Box 1049, Columbus, Ohio 43266-0149.

Sincerely,

Patti L. Smith, Supervisor
Permit Processing Unit
Division of Surface Water

PLS/kep

Enclosure

REC'D JAN 22 2007

CERTIFIED MAIL

I consent to the minor modification.

David Toppel
Name

Owner
Title

1/15/07
Date

Bob Taft, Governor
Bruce Johnson, Lieutenant Governor
Joseph P. Koncelik, Director

Part I, A. - FINAL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

1. During the period beginning on the effective date of this permit and lasting until the expiration date, the permittee is authorized to discharge in accordance with the following limitations and monitoring requirements from the following outfall: 3PG00139001 . See Part II, OTHER REQUIREMENTS, for locations of effluent sampling.

Table - Final Outfall - 001 - Final

Effluent Characteristic Parameter	Discharge Limitations							Monitoring Requirements		
	Concentration Specified Units				Loading* kg/day			Measuring Frequency	Sampling Type	Monitoring Months
	Maximum	Minimum	Weekly	Monthly	Daily	Weekly	Monthly			
00056 - Flow Rate - GPD	-	-	-	-	-	-	-	1/Day	Estimate	All
00083 - Color, Severity - Units	-	-	-	-	-	-	-	1/Week	Estimate	All
00300 - Dissolved Oxygen - mg/l	-	6.0	-	-	-	-	-	1/Quarter	Grab	Quarterly
00400 - pH - S.U.	9.0	6.5	-	-	-	-	-	1/Quarter	Grab	Quarterly
00530 - Total Suspended Solids - mg/l	-	-	18	12	-	0.40	0.27	1/Quarter	Grab	Quarterly
00610 - Nitrogen, Ammonia (NH3) - mg/l	-	-	1.5	1.0	-	0.03	0.02	1/Quarter	Grab	Summer-Qtrly
00610 - Nitrogen, Ammonia (NH3) - mg/l	-	-	4.5	3.0	-	0.10	0.06	1/Quarter	Grab	Winter-Qtrly
01330 - Odor, Severity - Units	-	-	-	-	-	-	-	1/Week	Estimate	All
01350 - Turbidity, Severity - Units	-	-	-	-	-	-	-	1/Week	Estimate	All
31616 - Fecal Coliform - #/100 ml	-	-	2000	1000	-	-	-	1/Quarter	Grab	Summer-Qtrly
50060 - Chlorine, Total Residual - mg/l	0.019	-	-	-	-	-	-	1/Quarter	Grab	Summer-Qtrly
80082 - CBOD 5 day - mg/l	-	-	10	15	-	0.22	0.34	1/Quarter	Grab	Quarterly

Notes for station 3PG00139001:

* Effluent loadings based on average design flow of 0.006 MGD.

- Total residual chlorine - See Part II, Item G.

- Color, Odor, Turbidity - See Part II, Item D.