



State of Ohio Environmental Protection Agency

Northeast District Office

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Twinsburg, Ohio 44087

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

July 19, 2007

RE: Holmes County  
Berlin Township  
Guggisberg Swiss Inn  
5025 SR 557  
NPDES 3PR00164

Eric Guggisberg  
P.O. Box 1  
Charm, OH 44617

Dear Mr. Guggisberg:

On July 17, 2007, this office conducted a compliance evaluation inspection of the wastewater treatment plant serving the above referenced facility. Present during the inspection were this writer and Kraig Bucklew of the Holmes County Health Department.

At the time of the inspection, the treatment plant was producing what appeared to be a marginal quality effluent. The mixed liquor in the aeration tank had a good brown color. There were an excessive amount of solids along the effluent weir in the clarifier (See Figure 1). One of the pumps in the dosing chamber which precedes the sand filter was not operable and must be repaired or replaced. The surface sand filter beds contained excessive amounts of vegetation and need to be cleaned (See Figure 2). The tablet chlorinator and dechlorinator were both empty. Mr. Bucklew added tablets to both boxes during the inspection. The contents of the chlorine contact tank were clear.

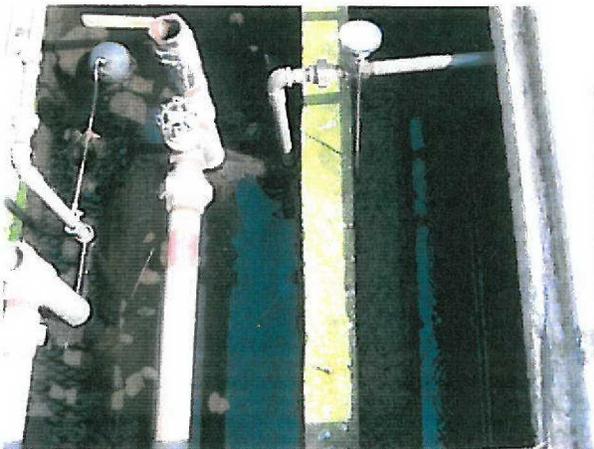


Figure 1 – Clarifier



Figure 2 – Surface sand filter

ERIC GUGGISBERG  
JULY 19, 2007  
PAGE 2

A review of your self-monitoring reports covering the period August 2005 through May 2007 revealed the following effluent violations.

**January 2006**

<u>Outfall</u>	<u>Date</u>	<u>Parameter</u>	<u>Reported Value</u>	<u>Units</u>	<u>Permit Limitation</u>
001	30 day	Suspended solids	17.5	mg/l	12
001	7 day	Suspended solids	33	mg/l	18

**February 2006**

<u>Outfall</u>	<u>Date</u>	<u>Parameter</u>	<u>Reported Value</u>	<u>Units</u>	<u>Permit Limitation</u>
001	30 day	Ammonia	10.11	mg/l	3.0
001	7 day	Ammonia	9.62	mg/l	4.5
001	7 day	Ammonia	10.6	mg/l	4.5
001	30 day	CBOD	11	mg/l	10

**May 2006**

<u>Outfall</u>	<u>Date</u>	<u>Parameter</u>	<u>Reported Value</u>	<u>Units</u>	<u>Permit Limitation</u>
001	30	Chlorine	0.051	mg/l	0.019

**June 2006**

<u>Outfall</u>	<u>Date</u>	<u>Parameter</u>	<u>Reported Value</u>	<u>Units</u>	<u>Permit Limitation</u>
001	13	Chlorine	0.432	mg/l	0.019

**July 2006**

<u>Outfall</u>	<u>Date</u>	<u>Parameter</u>	<u>Reported Value</u>	<u>Units</u>	<u>Permit Limitation</u>
001	7 day	Fecal Coliform	5200	#/100 ml	2000
001	7 day	Fecal Coliform	2300	#/100 ml	2000
001	11	Chlorine	0.535	mg/l	0.019
001	25	Chlorine	0.098	mg/l	0.019

**August 2006**

<u>Outfall</u>	<u>Date</u>	<u>Parameter</u>	<u>Reported Value</u>	<u>Units</u>	<u>Permit Limitation</u>
001	7 day	Fecal Coliform	9800	#/100 ml	2000
001	8	Chlorine	2.35	mg/l	0.019
001	22	Chlorine	0.384	mg/l	0.019

**September 2006**

<u>Outfall</u>	<u>Date</u>	<u>Parameter</u>	<u>Reported Value</u>	<u>Units</u>	<u>Permit Limitation</u>
001	19	Chlorine	0.573	mg/l	0.019

**October 2006**

<u>Outfall</u>	<u>Date</u>	<u>Parameter</u>	<u>Reported Value</u>	<u>Units</u>	<u>Permit Limitation</u>
001	3	Chlorine	0.424	mg/l	0.019
001	17	Chlorine	8.5	mg/l	0.019
001	31	Chlorine	0.222	mg/l	0.019

**December 2006**

<u>Outfall</u>	<u>Date</u>	<u>Parameter</u>	<u>Reported Value</u>	<u>Units</u>	<u>Permit Limitation</u>
001	30 day	Suspended solids	27.5	mg/l	12
001	7 day	Suspended solids	36	mg/l	18
001	7 day	Suspended solids	19	mg/l	18
001	30 day	CBOD	22	mg/l	10
001	7 day	CBOD	42	mg/l	15
001	30 day	Ammonia	9.676	mg/l	3.0
001	7 day	Ammonia	19	mg/l	4.5
001	5	Dissolved Oxygen	2.5	mg/l	6.0 min
001	12	Dissolved Oxygen	0.5	mg/l	6.0 min

**January 2007**

<u>Outfall</u>	<u>Date</u>	<u>Parameter</u>	<u>Reported Value</u>	<u>Units</u>	<u>Permit Limitation</u>
001	30 day	Suspended solids	15.5	mg/l	12

**May 2007**

<u>Outfall</u>	<u>Date</u>	<u>Parameter</u>	<u>Reported Value</u>	<u>Units</u>	<u>Permit Limitation</u>
001	15	Chlorine	1.09	mg/l	0.019



ERIC GUGGISBERG  
JULY 19, 2007  
PAGE 5

Should you have any questions or comments regarding this letter, please contact this office at (330)963-1197.

Sincerely,

A handwritten signature in blue ink that reads "Dean Stoll". The signature is written in a cursive style with a large initial "D" and a distinct "Stoll".

Dean W. Stoll, P.E.  
Environmental Engineer  
Division of Surface Water

DWS:bo

pc: Holmes County Health Department, Attn: Kraig Bucklew

File: Semi-Public/Guggisberg Motel