



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: Ashland County
Landoll's Mohican Castle
NPDES permit

February 21, 2008

Jim Landoll
Landoll's Mohican Castle
561 Twp. Rd. 3352
Loudonville, Ohio 44842

Dear Mr. Landoll,

On February 11, 2008, an inspection was conducted of the wastewater treatment facilities serving Landoll's Mohican Castle, 561 T.R. 3352, Hanover Township, Ashland County. At the time of the inspection the plant was operating in a satisfactory condition and a clear final effluent was being discharged.

During the inspection it was observed that the wall on the northern sand filter bed had become separated at the joint. This was allowing water to flow out of the bed through the joint, along the ground, and down the hill. The joint in the wall should be sealed and repaired as soon as possible. Please notify our office once this work is complete. No other major concerns were noted.

We are in receipt of your self monitoring reports covering the months of August 2007 through January 2008 for the referenced facility. The review indicated that data for the parameters Odor, Color, and Turbidity is being reported more frequently than in the past. However, there were still several days in the months of August, September, and January that the daily information was not being recorded. The operator clipboard at the plant indicated that all the daily monitoring had been collected so far for the month of February.

Please be aware that your new NPDES permit became effective on February 1, 2008. Please refer to the new permit for all testing and reporting requirements.

If you have any questions please give me a call at 419-373-3070.

Sincerely,

Walter Ariss
Environmental Specialist II
Division of Surface Water

/lb

Enclosed

pc: ~~XXXXXXXXXX~~
NWDO-DSW file
Kevin Dean, w enclosure, Dean's Backflow Services Inc.

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2P200171

Facility Name Londolls Mohican Cattle Expiration Date 11/31/2013
 Facility Address 561 TR ~~3352~~ 3352 Date 2/11 Time 2:30 am
 City Loudonville County Ashtland Township _____
 Name and Address of Owner Jim Londoll
 Person Contacted _____ Owner Phone _____
 Flow: Design 13,000 GPD Present 2000-4000 GPD (metered - estimated)
 Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 30° cloudy
 OEPA Personnel Walter Ariss District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None	<input checked="" type="checkbox"/>	Clear	<input checked="" type="checkbox"/>	None	<input checked="" type="checkbox"/>	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: Unnamed trib. Mohican River

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None	<input checked="" type="checkbox"/>	Clear	<input checked="" type="checkbox"/>	None	<input checked="" type="checkbox"/>	Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

3. a. Plant has excellent _____ good _____ fair _____ poor operation
 b. Plant has excellent _____ good _____ fair _____ poor maintenance
 c. Sand filters have _____ excellent _____ good _____ fair poor maintenance - cracked wall
 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
_____	<input checked="" type="checkbox"/>
_____	<input checked="" type="checkbox"/>
_____	U.V.

4. Yes No Compliance with NPDES Permit
 Periodic Violations Y 8 N 785 Parameters: _____
 Chronic Violations _____

5. Adequate plant safety
 6. Operation and Maintenance Service Name Dean's Backflow
 Frequency of Visits 1/week

Facility Name: Landolt's Cattle

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	<input checked="" type="checkbox"/>	Trash Trap	Pumping Frequency: ?
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
	<input checked="" type="checkbox"/>	Flow Equalization	okay - blower off
Aeration Equipment	<input checked="" type="checkbox"/>	Plant Timer <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Cycle Time:
		Motor/ Blower Unit <i>running</i>	
Secondary Treatment	<input checked="" type="checkbox"/>	Aeration Tank	Color: <i>good color</i> Adequate Aeration: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Final Settling	<input checked="" type="checkbox"/>	Clarifier	<i>very clear</i>
	<input checked="" type="checkbox"/>	Sludge Return	In <input checked="" type="checkbox"/> Out <input type="checkbox"/> <i>both working</i>
	<input checked="" type="checkbox"/>	Surface Skimmer	In <input type="checkbox"/> Out <input checked="" type="checkbox"/>
	<input checked="" type="checkbox"/>	Fixed Media Clarifier	<i>very clear</i>
Tertiary Treatment	<input checked="" type="checkbox"/>	Surface Sand Filter	<i>joint in wall is separated allowing water to flow out</i>
		Polishing Pond	
		Other	
Disinfection	<input checked="" type="checkbox"/>	Chlorine Tube Feeder	<i>out</i>
	<input checked="" type="checkbox"/>	Dechlorination Tube Feeder	<i>out</i>
		Ultraviolet (UV)	
Flow Metering	<input checked="" type="checkbox"/>	Elapsed Pump Time	<i>on filler dosing</i>
		Recorder (continuous total)	
Pumps	<input checked="" type="checkbox"/>	Raw Wastewater (type) <i>Flow EQ</i>	<i>okay</i>
	<input checked="" type="checkbox"/>	Sand Filter Effluent Dosing	<i>okay</i>
Sludge Handling	<input checked="" type="checkbox"/>	Aerated Storage Tank	<i>air out on</i>
		Sludge Drying Bed	
Sludge Disposal	<input checked="" type="checkbox"/>	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	<input checked="" type="checkbox"/>	Post Aeration	<i>out</i>
		Spray Irrigation	
		Other	



2PR0017120090430

ASHLAND LANDOLL'S MOHICAN CASTLE

2PR00171 2009/04/30 ARISS, WALTER

LOUDONVILLE



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

Re: Ashland County
Landoll's Mohican Castle
NPDES permit

April 29, 2009

Mr. Jim Landoll
Landoll's Mohican Castle
561 Township Road 3352
Loudonville, Ohio 44842

Dear Mr. Landoll,

On April 22, 2009, an inspection was conducted of the wastewater treatment facilities serving Landoll's Mohican Castle, 561 T.R. 3352, Hanover Township, Ashland County. At the time of the inspection the plant was operating in a satisfactory condition and a clear final effluent was being discharged. Kevin Dean, your certified operator was present during the inspection to answer any questions.

Mr. Dean indicated that repairs to the sand filter walls and chlorine tank were attempted this past winter. Unfortunately the repairs were unsuccessful. The grout that was placed in the sand filter wall joints cracked and failed to seal correctly. Sealant was also injected into the leak in the chlorine tank however the tank continues to leak. Mr. Dean stated that the area around the chlorine tank would be excavated, and the tank sealed from the outside. He also plans on installing a steel plate on the inside seam of the filter bed wall in an attempt to seal the seam.

A review of the discharge monitoring reports covering the months of August 2008 through March 2009 revealed one violation of the limits contained in your NPDES permit. The violation was for failure to meet the dissolved oxygen limit in August 2008.

If you have any questions please give me a call at 419-373-3070.

Sincerely,

Walter Ariss
Environmental Specialist II
Division of Surface Water

/lb

Enclosure

pc: [redacted] NWDO-DSW file [redacted]
[redacted] Kevin Dean; w/enclosure [redacted]

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2PP00171

Facility Name Lundell's Mohican Castle Expiration Date 1/31/2013

Facility Address 561 TR 3352 Date 4/23/09 Time 1:30 am KPM

City Londonville County Ashland Township _____

Name and Address of Owner Jim Lundell

Person Contacted Kevin Dean - Operator Owner Phone _____

Flow: Design 13,000 GPD Present 2,000-4,000 GPD (metered estimated)

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 65° sunny

OEPA Personnel Walter Ariss District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None	<input checked="" type="checkbox"/>	Clear	<input checked="" type="checkbox"/>	None	<input checked="" type="checkbox"/>	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: unnamed trib Mohican River

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None	<input checked="" type="checkbox"/>	Clear	<input checked="" type="checkbox"/>	None	<input checked="" type="checkbox"/>	Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

3. a. Plant has excellent _____ good _____ fair _____ poor operation
 b. Plant has excellent _____ good _____ fair _____ poor maintenance
 c. Sand filters have excellent _____ good _____ fair _____ 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
_____	<input checked="" type="checkbox"/>
_____	<input checked="" type="checkbox"/>
_____	_____
	Chlorination Tablets
	Dechlorination Tablets
	U.V.

Yes No

4. _____ Compliance with NPDES Permit

Periodic Violations X Y N Parameters: dissolved oxygen
 Chronic Violations _____

5. _____ Adequate plant safety

6. _____ Operation and Maintenance Service Name Dean's Backflow Service

Frequency of Visits 1/day

Facility Name: Landoll's Mohican Castle

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	<input checked="" type="checkbox"/>	Trash Trap	Pumping Frequency: ?
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
	<input checked="" type="checkbox"/>	Flow Equalization	okay - grates over tank beginning to rust
Aeration Equipment	<input checked="" type="checkbox"/>	Plant Timer <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Cycle Time: okay
		Motor/ Blower Unit <i>running</i>	
Secondary Treatment	<input checked="" type="checkbox"/>	Aeration Tank	Color: good color Adequate Aeration: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Final Settling	<input checked="" type="checkbox"/>	Clarifier	okay
	<input checked="" type="checkbox"/>	Sludge Return	In <input checked="" type="checkbox"/> Out <input type="checkbox"/>
	<input checked="" type="checkbox"/>	Surface Skimmer	In <input type="checkbox"/> Out <input checked="" type="checkbox"/>
	<input checked="" type="checkbox"/>	Fixed Media Clarifier	very clear
Tertiary Treatment	<input checked="" type="checkbox"/>	Surface Sand Filter	filters look great / both clean
		Polishing Pond	litter walls still need repair
		Other	
Disinfection	<input checked="" type="checkbox"/>	Chlorine Tube Feeder	dry - tank still leaking
	<input checked="" type="checkbox"/>	Dechlorination Tube Feeder	okay
		Ultraviolet (UV)	
Flow Metering	<input checked="" type="checkbox"/>	Elapsed Pump Time	on filter dosing station
		Recorder (continuous total)	
Pumps	<input checked="" type="checkbox"/>	Raw Wastewater (Flow) Flow EQ	okay
	<input checked="" type="checkbox"/>	Sand Filter Effluent Dosing	okay
Sludge Handling	<input checked="" type="checkbox"/>	Aerated Storage Tank	okay
		Sludge Drying Bed	
Sludge Disposal	<input checked="" type="checkbox"/>	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	<input checked="" type="checkbox"/>	Post Aeration	
		Spray Irrigation	
		Other	