



**Environmental
Protection Agency**

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

Re: Ashland County
Mohican River Estates MHP
NPDES Permit

October 4, 2010

Mr. Daniel Inks
9 Corporate Center
Broadview Heights, Ohio 44147

Dear Mr. Inks,

On September 23, 2010, an inspection was made of the wastewater treatment facilities serving the Mohican River Estates MHP located at 3055 C.R. 3175, Loudonville, Ashland County. The majority of the treatment processes were operating in a satisfactory manner. A clear final effluent was being discharged into the pond.

At the time of the inspection it was noted that no dechlorination tablets were present in the tablet feeders. The tablet feeders should be checked daily to assure that adequate tablets are present.

We are in receipt of your discharge monitoring reports covering the months of March through August 2010 for the referenced facility. A review of the reports revealed one *violation* of the limits contained in your NPDES permit. This violation was for exceeding the Chlorine Residual limit in the May 5, 2010 sample.

Previous correspondence from your office indicated that the required flow equalization upgrades would be completed in August 2010. At the time of the inspection no work had begun on the installation. On November 5, 2008, our office approved Permit to Install (PTI) #671700 for the flow equalization improvements. This PTI was valid for a period of 18 months and is now expired. It will be necessary for you to apply for a new PTI in order to install the upgrades. Failure to have an approved, unexpired PTI before initiating construction is a violation of OAC 3745-42.

Our office remains greatly concerned regarding the compliance issues at the treatment plant. We again request a meeting to discuss these issues with you. Please contact our office to arrange this meeting.

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

Sincerely,

Walter Ariss
Environmental Specialist II
Division of Surface Water

/lb

Enclosure

pc: NWDO-DSW-file
Lyn Makeever, Makeever and Associates Inc.

OHIO ENVIRONMENTAL PROTECTION AGENCY
 OPERATION AND MAINTENANCE INSPECTION
 WWTP'S LESS THAN 25,000 GPD

NPDES Permit No. 2P500028

Facility Name Mohican River Estates Expiration Date 11/30/2013

Facility Address 3055 CR 3175 Date 9/23/10 Time 2:15 am/pm am

City Loudonville County Ashland Township _____

Name and Address of Owner Larchmere Apt Ltd / I&R properties

Person Contacted _____ Owner Phone _____

Flow: Design 20,000 GPD Present 9000 - 72,000 GPD (metered) (estimated)

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 85° sun

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: Black Fork Mohican

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 8 good _____ fair _____ poor operation
 b. Plant has _____ excellent 8 good _____ fair _____ poor maintenance
 c. Sand filters have _____ excellent _____ good 8 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 <u>8</u>	OUT _____	Chlorination Tablets
_____	<u>8</u>	Dechlorination Tablets
_____	_____	U.V.

Yes No

4. 8 Compliance with NPDES Permit

Periodic Violations 8 N chlorine Parameters:
 Chronic Violations _____

5. 8 Adequate plant safety

6. 8 Operation and Maintenance Service Name Lyn Makeever

Frequency of Visits ?

Facility Name: Mohican River Estates

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	<input checked="" type="checkbox"/>	Trash Trap	Pumping Frequency: <i>Just pumped in last few weeks</i>
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment	<input checked="" type="checkbox"/>	Plant Timer <u>Y</u> <input checked="" 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 <u> </u>
Final Settling	<input checked="" type="checkbox"/>	Clarifier	<i>good clarity</i>
	<input checked="" type="checkbox"/>	Sludge Return	In <input checked="" type="checkbox"/> Out <u> </u>
	<input checked="" type="checkbox"/>	Surface Skimmer	In <input checked="" type="checkbox"/> Out <u> </u>
		Fixed Media Clarifier	
Tertiary Treatment	<input checked="" type="checkbox"/>	Surface Sand Filter	<i>filters in good shape north west bed in use</i>
		Polishing Pond	
		Other	
Disinfection	<input checked="" type="checkbox"/>	Chlorine Tube Feeder	<i>tablets okay</i>
	<input checked="" type="checkbox"/>	Dechlorination Tube Feeder	<i>in tablets</i>
		Ultraviolet (UV)	
Flow Metering	<input checked="" type="checkbox"/>	Elapsed Pump Time	<i>on filter dosing pumps</i>
		Recorder (continuous total)	
Pumps		Raw Wastewater (type)	
	<input checked="" type="checkbox"/>	Sand Filter Effluent Dosing	<i>okay</i>
Sludge Handling	<input checked="" type="checkbox"/>	Aerated Storage Tank	<i>holding tank empty - just hauled</i>
		Sludge Drying Bed	
Sludge Disposal	<input checked="" type="checkbox"/>	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	<input checked="" type="checkbox"/>	Post Aeration	<i>or</i>
		Spray Irrigation	
		Other	



2PY0002820110301

ASHLAND MOHICAN RIVER ESTATES WWTP .2PY00028 2011/03/01 ARISS, WALTER

LOUDONVILLE



Environmental
Protection Agency

John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

Re: Ashland County
Mohican River Estates MHP
NPDES Permit

March 1, 2011

Mr. Daniel Inks
9 Corporate Center
Broadview Heights, Ohio 44147

Dear Mr. Inks:

On February 17, 2011, an inspection was made of the wastewater treatment facilities serving the Mohican River Estates MHP located at 3055 County Road 3175 Loudonville, Ashland County. At the time of the inspection the majority of the treatment system was operating normally, however a major issue was observed in the operation of the surface sand filters.

The pipe from the filter dosing station to the filter distribution box had been rerouted to flow directly to the southwest filter bed. During the inspection we observed the dosing of this filter by the pumps within the station. The southwest filter bed was ponded to the top of the filter bed walls and contained a large amount of solids. These solids were not allowing water to drain through the media and causing flow to go over the southwest walls into the other filter beds. Please see the enclosed pictures. The construction of the required upgrades should help with peak flows in the plant and prevent solids from "washing out".

It has become evident that the media within the sand filter beds has become overloaded with solids and no longer functions as designed. The media within the filters will need to be replaced. This should be done in accordance with design standards for filter media. While the media is being replaced the stand pipes within the beds should be removed and the impervious liner checked for integrity. The replacement of the media should occur after or during the installation of the new flow equalization upgrades.

We are in receipt of your discharge monitoring reports covering the months of September 2010, through January 2011, for the referenced facility. A review of the reports revealed two **violations** of the limits contained in your NPDES permit. These violations were for exceeding the Fecal Coliform limit in the October 2010 sample.

Mr. Daniel Inks
March 1, 2011
Page 2

It was also noted that no operational records were available at the treatment plant. It is required that the last three months of operator logs be kept at the treatment plant for review. This can be done by keeping the operators log in a weather proof enclosure; a mailbox would be acceptable. These records are required by OAC 3745-7-09.

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

Sincerely,



Walter Ariss
Environmental Specialist II
Division of Surface Water

/llr

Enclosure

pc: ~~DSW:NWDO.File.w/enclosures~~
Lyn Makeever, Makeever and Associates Inc.

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2P400028

Facility Name Mohican River Estates Expiration Date 11/30/2013

Facility Address 3055 CR 3175 Date 2/17/11 Time 12:15 am / pm

City Loudonville County Ashland Township _____

Name and Address of Owner Larchmore Apt Lmtd / I&R Properties

Person Contacted _____ Owner Phone _____

Flow: Design 20,000 GPD Present 2000-24000 GPD (metered - estimated)

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 52° 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: Black Fork Mohican

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"/>
_____	U.V.

Yes No

4. Compliance with NPDES Permit

Periodic Violations Y _____ N _____ Parameters: Fecal coliform

Chronic Violations _____

5. Adequate plant safety

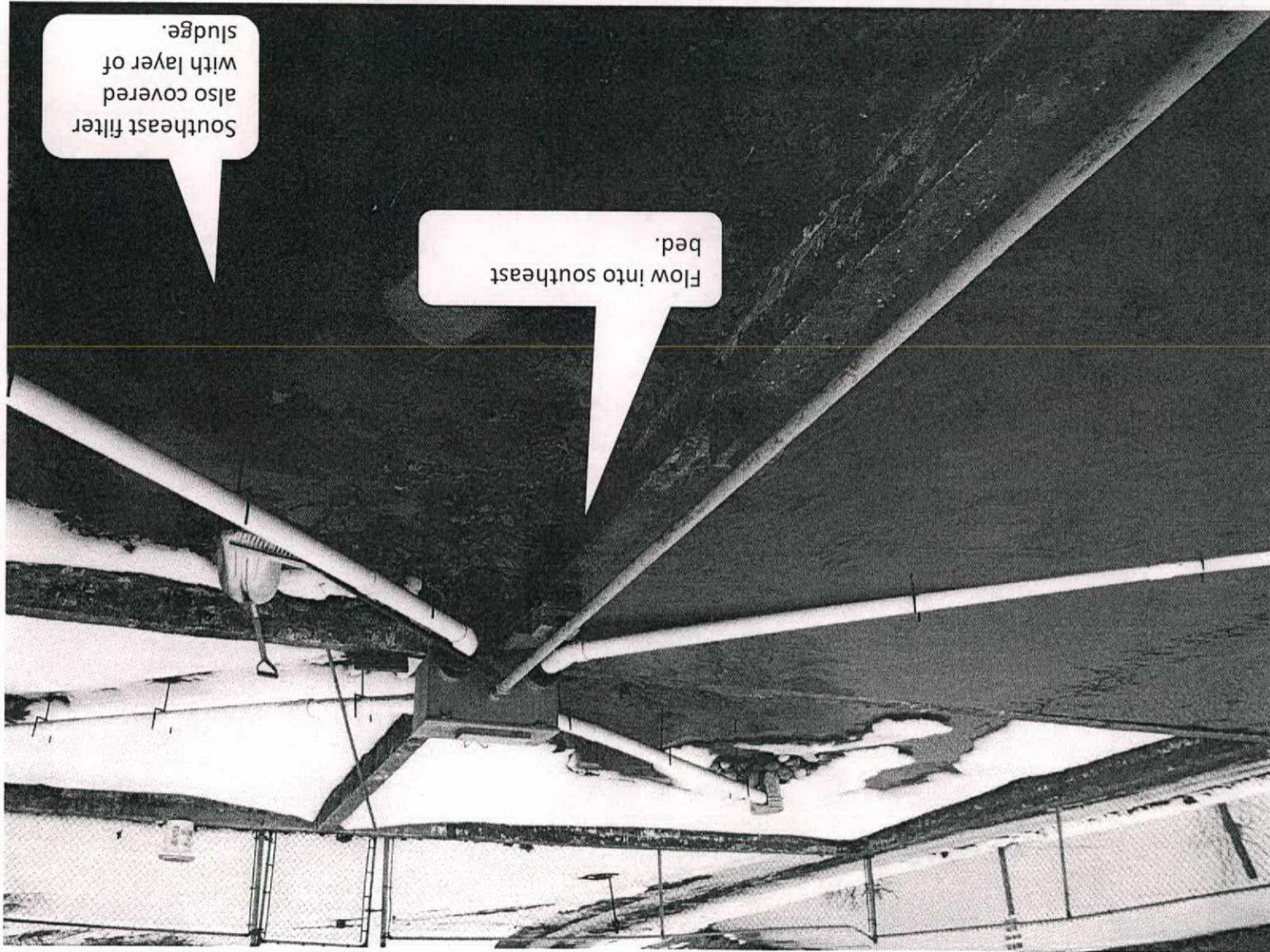
6. Operation and Maintenance Service Name Lyn Mulpever

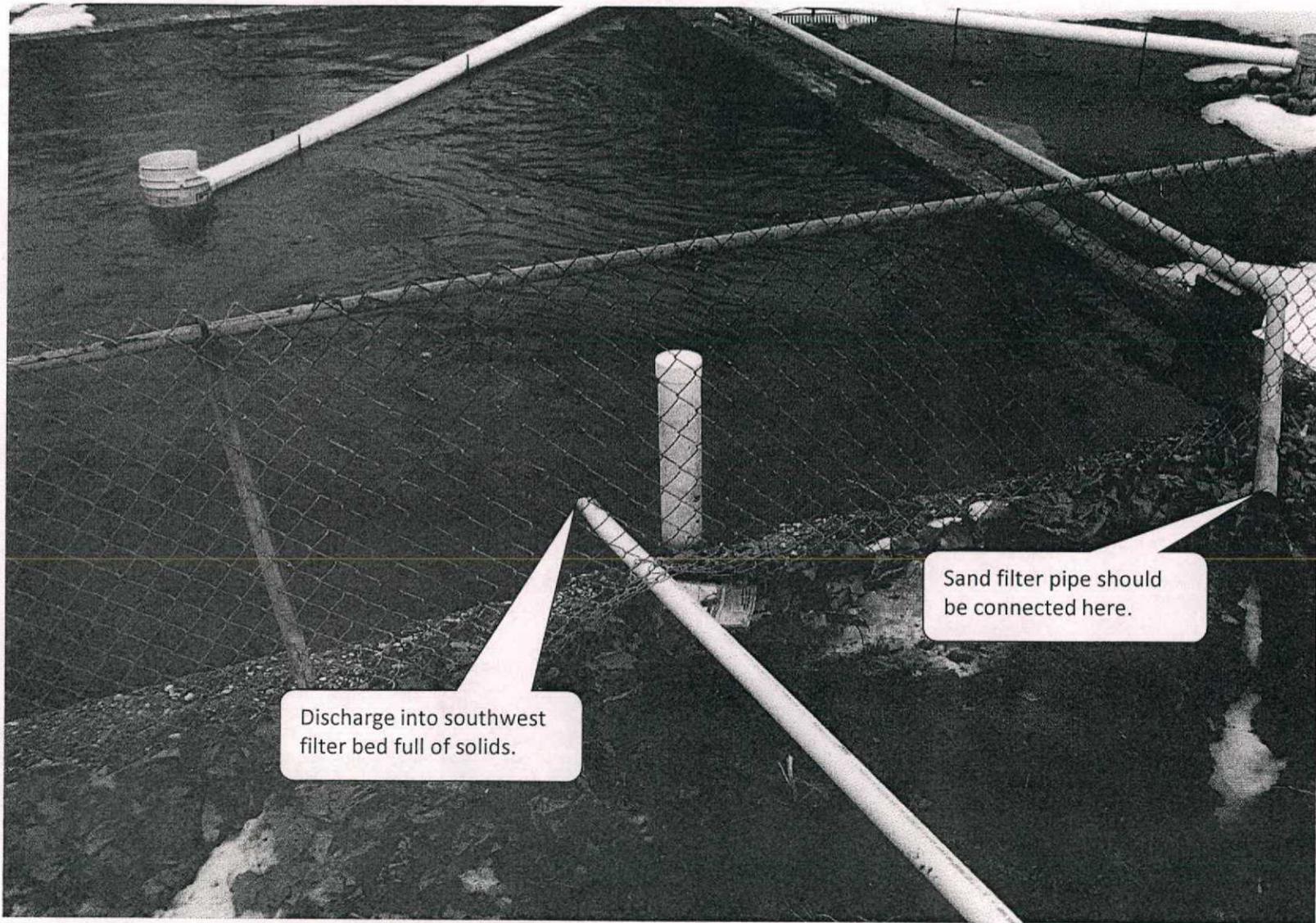
Frequency of Visits ?

Facility Name: Mohican River Estates

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	<input checked="" type="checkbox"/>	Trash Trap	Pumping Frequency: ?
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment	<input checked="" type="checkbox"/>	Plant Timer <u>Y</u> N Motor/ Blower Unit <i>running</i>	Cycle Time:
Secondary Treatment	<input checked="" type="checkbox"/>	Aeration Tank	Color: <i>good color + roll</i> Adequate Aeration: <u>Y</u> N
Final Settling	<input checked="" type="checkbox"/>	Clarifier	<i>good clarity</i>
	<input checked="" type="checkbox"/>	Sludge Return	In X Out <u> </u>
	<input checked="" type="checkbox"/>	Surface Skimmer	In X Out <u> </u>
		Fixed Media Clarifier	
Tertiary Treatment	<input checked="" type="checkbox"/>	Surface Sand Filter <i>pipel directly to southwest bed</i>	<i>filters very poor / southwest full of sludge</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 filter dosing station</i>
		Recorder (continuous total)	
Pumps		Raw Wastewater (type)	
	<input checked="" type="checkbox"/>	Sand Filter Effluent Dosing	<i>okay</i>
Sludge Handling	<input checked="" type="checkbox"/>	Aerated Storage Tank	<i>almost empty</i>
		Sludge Drying Bed	
Sludge Disposal	<input checked="" type="checkbox"/>	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	<input checked="" type="checkbox"/>	Post Aeration	<i>on</i>
		Spray Irrigation	
		Other	

Photo taken by Walter Ariss, 2-17-2011, Ohio EPA



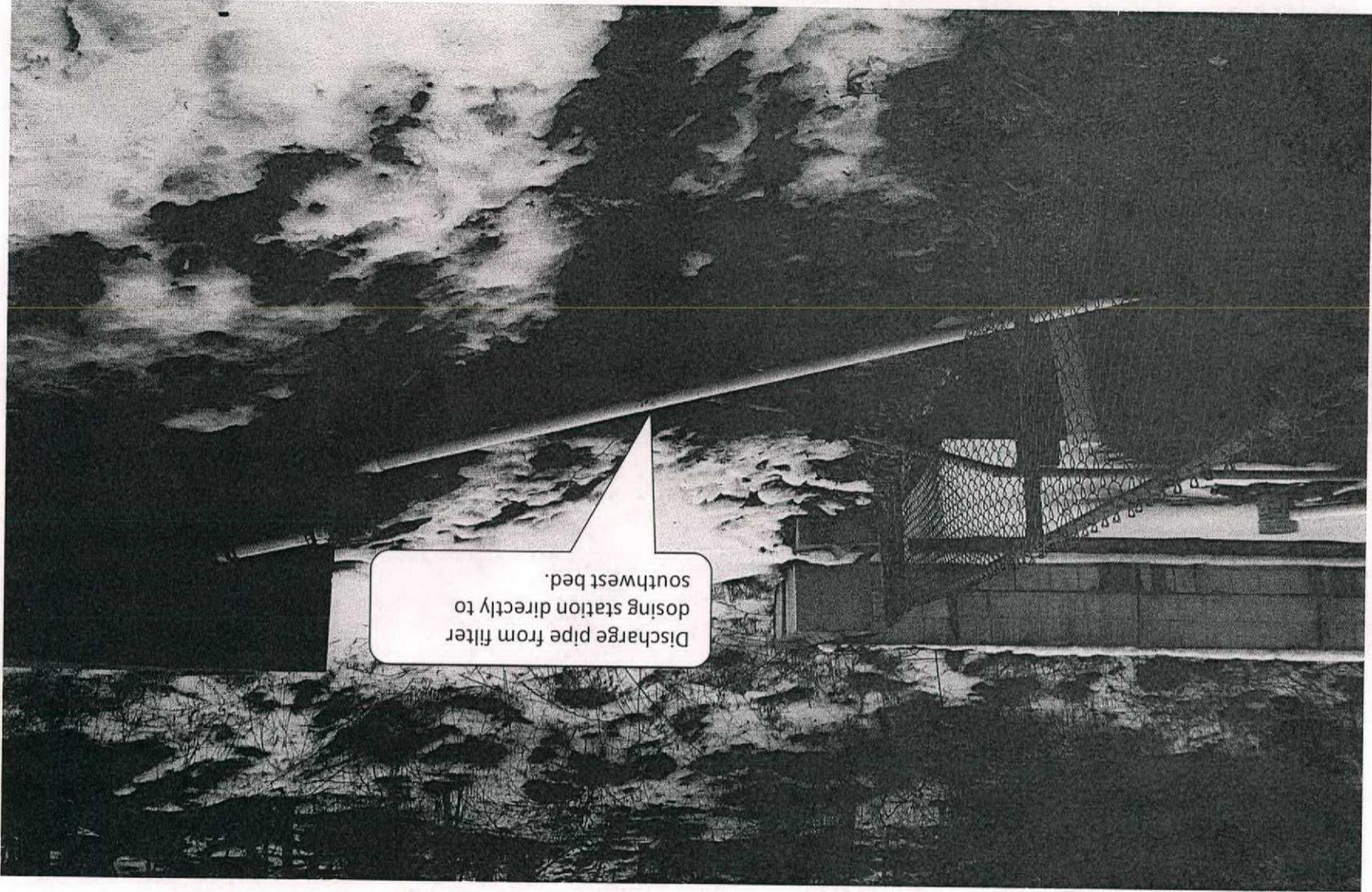


Discharge into southwest filter bed full of solids.

Sand filter pipe should be connected here.

Photo taken by Walter Ariss, 2-17-2011, Ohio EPA

Photo taken by Walter Ariss, 2-17-2011, Ohio EPA



Discharge pipe from filter dosing station directly to southwest bed.

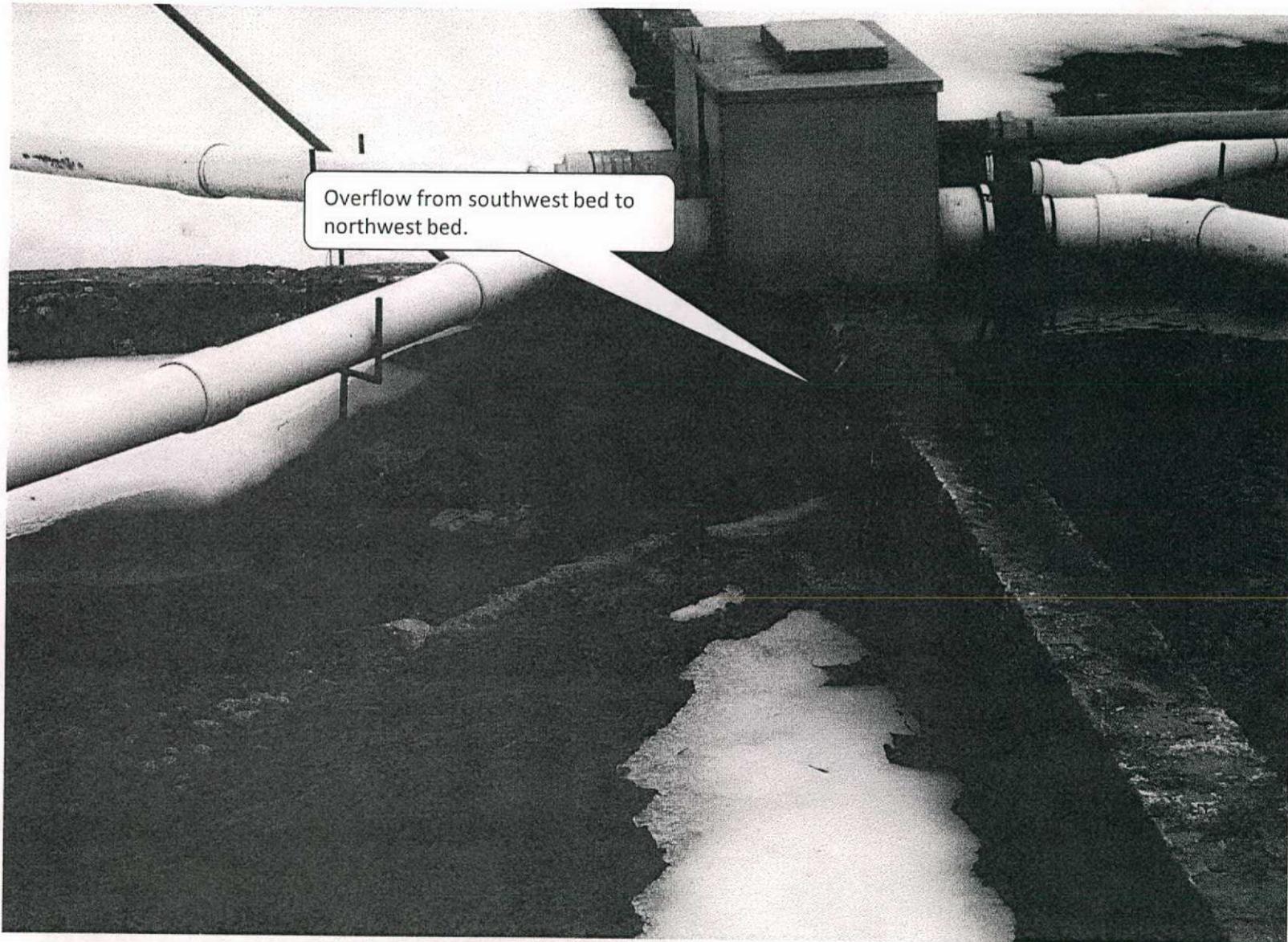


Photo taken by Walter Ariss, 2-17-2011, Ohio EPA



2PP0003320070626

ASHLAND ODNR MOHICAN STATE PARK LODGE * 2PP00033 2007/06/26 ARISS, WALTER

LOUDONVILLE



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
Mohican State Park Lodge WWTP
NPDES Permit

June 26, 2007

Mr. Jay Crow, WWTP Operator
Mohican State Park
3116 State Route 3
Loudonville, Ohio 44842

Dear Mr. Crow:

On June 14, 2007, an inspection was made of the wastewater treatment facilities serving the Mohican State Park Lodge located on County Road 3006, Perrysville, Ashland County. You were present to answer questions regarding the operations at the wastewater treatment plant. At the time of the inspection all major treatment units were in operation and appeared to be functioning normally.

We were pleased to see that the side of the wastewater treatment plant that has been down for repairs is almost ready to be returned to service. The remaining items left were the installation of the gear drive motor for the sludge scrapers, and the completion of the skimmer return lines. You indicated that the motors had been ordered and the repairs should be completed soon. It was observed that the bar screen at the head of the plant had been removed. You indicated that the screen was not functioning correctly and that the concrete channel needed to be adjusted to provide proper flow through the screen. This work should be completed as soon as possible to allow for protection of the downstream units and prevent trash buildup in the plant.

A review of the monthly operating reports submitted from August 2006 through April 2007 revealed **violations** of the conditions of your permit. Six violations for fecal coliform were reported. The flow paced metering of the chlorine dosage should be verified for accuracy to prevent further violations.

No major concerns were noted during the inspection. Please contact me at 419-373-3070 if you have any questions.

Sincerely,

Walter Ariss
Environmental Specialist II
Division of Surface Water

/llr

pc: DSW-NWDO File
ODNR Mohican State Park Lodge

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2PP00033

Facility Name Mohican SP Lodge WWTP Expiration Date 5/31/11

Facility Address CR 3006 Date 6/14/07 Time 1:00 am

City Londonville County Ashland Township _____

Name and Address of Owner ODNR

Person Contacted Jay Crow Owner Phone _____

Flow: Design 80,000 GPD Present ~10,000-20,000 GPD (metered - estimated)

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 83° Sunny

OEPA Personnel Walter Acis 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: Pleasant Hill Lake - not observed - wastewater discharge

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 fair poor operation
 b. Plant has excellent good fair poor maintenance
 c. Sand filters have excellent good fair poor maintenance
no filters
 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 type="checkbox"/>	Chlorination Tablets <u>liquid</u>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Dechlorination Tablets <u>liquid</u>
<input type="checkbox"/>	<input type="checkbox"/>	U.V.

4. Yes No Compliance with NPDES Permit

Periodic Violations Y N focal Parameters: _____

Chronic Violations _____

5. Adequate plant safety

6. Operation and Maintenance Service Name _____

Frequency of Visits _____

Facility Name: Mohican Sp. Lodge

Process	# Units	Unit	If Needed - Description and Comments
Preliminary		Trash Trap	Pumping Frequency:
		Grease Trap	Pumping Frequency:
	8	Bar Screen	needs to be repair & returned to service
		Comminutor	
		Flow Equalization	
Aeration Equipment	8	Plant Timer <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Cycle Time:
		Motor/ Blower Unit <i>running</i>	1/2 hr on, 1/2 hr off
Secondary Treatment	8	Aeration Tank	Color: <i>good color</i> Adequate Aeration: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
	8	Clarifier	<i>very clear, good settling</i>
Final Settling	8	Sludge Return	In <input checked="" type="checkbox"/> Out <input type="checkbox"/>
	8	Surface Skimmer	In <input checked="" type="checkbox"/> Out <input type="checkbox"/>
		Fixed Media Clarifier	
Tertiary Treatment		Surface Sand Filter	
		Polishing Pond	
		Other	
Disinfection	8	Chlorine Feeder <i>liquid</i> Feeder	<i>okay</i>
	8	Dechlorination Feeder <i>liquid</i> Feeder	<i>okay</i>
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
	8	Recorder (continuous total)	<i>ultrasonic on effluent</i>
Pumps		Raw Wastewater (type)	
		Sand Filter Effluent Dosing	
Sludge Handling	8	Aerated Storage Tank	<i>recently pumped</i>
		Sludge Drying Bed	
Sludge Disposal		Municipal POTW	
		Landfill	
	8	Land Application	<i>by Agrisludge</i>
Advanced Treatment	8	Post Aeration	
		Spray Irrigation	
		Other	



2PP0003320080205

ASHLAND IODNR MOHICAN STATE PARK LODGE * 2PP00033 2008/02/05 ARISS, WALTER LOUDONVILLE



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
Mohican State Park Lodge WWTP
NPDES Permit

February 5, 2008

Mr. Jay Crow, WWTP Operator
Mohican State Park
3116 State Route 3
Loudonville, Ohio 44842

Dear Mr. Crow:

On January 24, 2008, an inspection was made of the wastewater treatment facilities serving the Mohican State Park Lodge located on County Road 3006, Perrysville, Ashland County. You were present to answer questions regarding the operations at the wastewater treatment plant. At the time of the inspection all major treatment units were in operation and appeared to be functioning normally.

The gear drive motors for the empty side of the treatment plant have been installed. The only item left to complete is new skimmer return lines. Once the skimmer lines are in, this side of the treatment plant can be put into service, and the other side taken down for maintenance. A few small holes were observed in the bottom of the weir in one of the clarifier tanks. The holes should be plugged. The skimming plates in the first aeration tank do not break the water's surface and therefore do not perform any skimming action. The height of the plates may need adjusted or the weir height lowered in order to allow the plates to skim the surface of the tank. No major concerns were noted during the inspection.

A review of the monthly operating reports submitted from May through November 2007 revealed three violations of the limits contained in your NPDES permit. All three violations were for exceeding the fecal coliform limits. We are pleased to see that this plant normally meets all of the permit conditions.

Please contact me at 419-373-3070 if you have any questions.

Sincerely,

Walter Ariss
Environmental Specialist II
Division of Surface Water

/llr

Enclosure

pc: DSW-NWDO File
ODNR Mohican State Park Lodge

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2PP00033

Facility Name Mohican SP Ledge WWTP Expiration Date 5/31/2011

Facility Address 3008 CR 1600 Date 1/24/08 Time 2:00 am

City Loudonville County Ashtabula Township _____

Name and Address of Owner ODNR

Person Contacted Jay Crow - Operator Owner Phone _____

Flow: Design 803,000 GPD Present 10,000-20,000 GPD (metered - estimated)

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 20° sunny

OEPA Personnel Walter Ari's 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: Pleasant Hill Lake - 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 _____ fair _____ poor operation
 b. Plant has excellent _____ good _____ fair _____ poor maintenance
 c. Sand filters have excellent _____ good _____ fair _____ poor maintenance
no filters
 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"/> Chlorination Tablet <u>liquid</u>
_____	<input checked="" type="checkbox"/> Dechlorination Tablet <u>liquid</u>
_____	U.V.

Yes No
 4. _____ Compliance with NPDES Permit

Periodic Violations Y N Parameters: Fecal

Chronic Violations _____

5. _____ Adequate plant safety

6. _____ Operation and Maintenance Service Name _____

Frequency of Visits _____

Facility Name: ~~XXXXXXXXXX~~ *Michigan SP Lodge*

Process	# Units	Unit	If Needed - Description and Comments
Preliminary		Trash Trap	Pumping Frequency:
		Grease Trap	Pumping Frequency:
	<input checked="" type="checkbox"/>	Bar Screen	?
		Comminutor	
		Flow Equalization	
Aeration Equipment	<input checked="" type="checkbox"/>	Plant Timer <input checked="" type="checkbox"/> Y ___ N	Cycle Time: <i>1/2 hr on, 1/2 hr off</i>
		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 ___
Final Settling	<input checked="" type="checkbox"/>	Clarifier	<i>Extremely clear / small holes in bottom of weir troughs</i>
	<input checked="" type="checkbox"/>	Sludge Return	In <input checked="" type="checkbox"/> Out ___
	<input checked="" type="checkbox"/>	Surface Skimmer	In <input checked="" type="checkbox"/> Out ___
		Fixed Media Clarifier	
Tertiary Treatment		Surface Sand Filter	
		Polishing Pond	
		Other	
Disinfection	<input checked="" type="checkbox"/>	Chlorine Tube Feeder <i>liquid</i>	<i>out</i>
	<input checked="" type="checkbox"/>	Dechlorination Tube Feeder <i>liquid</i>	<i>out</i>
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
	<input checked="" type="checkbox"/>	Recorder (continuous total)	<i>ultrasonic on effluent</i>
Pumps <i>2 stations in system</i>		Raw Wastewater (type)	
		Sand Filter Effluent Dosing	
Sludge Handling	<input checked="" type="checkbox"/>	Aerated Storage Tank	<i>114 full - looks good</i>
		Sludge Drying Bed	
Sludge Disposal		Municipal POTW	
		Landfill	
	<input checked="" type="checkbox"/>	Land Application	<i>by Agri-Slutge</i>
Advanced Treatment	<input checked="" type="checkbox"/>	Post Aeration	<i>on</i>
		Spray Irrigation	
		Other	



2PP0003320080917

ASHLAND IODNR MOHICAN STATE PARK LODGE * 2PP00033 2008/09/17 ARISS, WALTER LOUDONVILLE



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
Mohican State Park Lodge WWTP
NPDES Permit

September 17, 2008

Jay Crow, WWTP Operator
Mohican State Park
3116 S.R. 3
Loudonville, OH 44842

Dear Mr. Crow,

On September 4, 2008, an inspection was made of the wastewater treatment facilities serving the Mohican State Park Lodge located on C.R. 3006, Perrysville, Ashland County. You were present to answer questions regarding the operations at the wastewater treatment plant. At the time of the inspection all major treatment units were in operation and appeared to be functioning normally.

The bar screen at the head of the treatment plant remains out of service. The screen has been out of service since June 2007. You indicated that the concrete channel in which the screen sits needs to be repaired to allow for proper flow through the screen. This work should be completed and the screen returned to service as soon as possible.

During the inspection we also viewed the two pumping stations between the lodge and the treatment plant. Both stations appeared to be in excellent working condition. No concerns were noted.

A review of the discharge monitoring reports submitted from December 2007 through July 2008 revealed four violations of the limits contained in your NPDES permit. We are pleased to see that this plant normally meets all of the permit conditions.

Please contact me at 419-373-3070 if you have any questions.

Sincerely,

Walter Ariss
Environmental Specialist II
Division of Surface Water

/lb

Enclosure

~~pc:\NWDO\DSW\file~~
ODNR Mohican State Park

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2P00033

Facility Name Melvin SP Lodge Expiration Date 5/31/2011

Facility Address 3008 CR 1600 Date 9/4/08 Time 1:45 am ~~pm~~

City Londonville County Ashtabul Township _____

Name and Address of Owner Ohio DNR

Person Contacted Jay Crow Owner Phone _____

Flow: Design 800,000 GPD Present 5,000-10,000 GPD (metered - estimated)

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 80° 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: Pleasant Hill Lake - 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 _____ fair _____ poor operation
 b. Plant has excellent _____ good _____ fair _____ poor maintenance
 c. Sand filters have excellent _____ good _____ fair _____ poor maintenance

no filters
 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 <input checked="" type="checkbox"/>	OUT _____
<input checked="" type="checkbox"/>	Chlorination <u>Tablets liquid</u>
_____	Dechlorination <u>Tablets liquid</u>
_____	U.V.

Yes No

4. Compliance with NPDES Permit

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

5. Adequate plant safety

6. Operation and Maintenance Service Name _____

Frequency of Visits _____

Facility Name: Mohican SP Lodge

Process	# Units	Unit	If Needed - Description and Comments
Preliminary		Trash Trap	Pumping Frequency:
		Grease Trap	Pumping Frequency:
	8	Bar Screen	out of service
		Comminutor	
		Flow Equalization	
Aeration Equipment	8	Plant Timer Y N	Cycle Time: 45 minutes on 45 minutes off
		Motor/ Blower Unit run <i>run</i>	
Secondary Treatment	8	Aeration Tank	Color: good color Adequate Aeration: Y N
Final Settling	8	Clarifier	very clear
	8	Sludge Return	In 8 Out
	8	Surface Skimmer	In 8 Out
		Fixed Media Clarifier	
Tertiary Treatment		Surface Sand Filter	
		Polishing Pond	
		Other	
Disinfection	8	Chlorine Tube Feeder <i>liquid</i>	ok
	8	Dechlorination Tube Feeder <i>liquid</i>	ok
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
	8	Recorder (continuous total)	on effluent
Pumps		Raw Wastewater (type)	
		Sand Filter Effluent Dosing	
Sludge Handling	8	Aerated Storage Tank	hauled out in June / fairly empty
		Sludge Drying Bed	
Sludge Disposal	8	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	8	Post Aeration	on
		Spray Irrigation	
		Other	



2PP0003320090623

ASHLAND ODNR MOHICAN STATE PARK LODGE * 2PP00033 2009/06/23 ARISS, WALTER LOUDONVILLE



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Rd.
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
Mohican State Park Lodge
WWTP
NPDES Permit

June 23, 2009

Mr. Jay Crow, WWTP Operator
Mohican State Park
3116 State Route 3
Loudonville, Ohio 44842

Dear Mr. Crow:

On June 10, 2009, an inspection was made of the wastewater treatment facilities serving the Mohican State Park Lodge located on County Road 3006, Perrysville, Ashland County. You were present to answer questions regarding the operations at the wastewater treatment plant. At the time of the inspection all major treatment units were in operation and appeared to be functioning normally.

The bar screen at the head of the treatment plant remains out of service. The screen has been out of service since June 2007. The work needed to return the screen to service should be completed. It was noted that several holes have formed in the bottom of the weir trough in the first clarifier tank. These holes should be repaired so that all water discharges over the top of the weir. You stated that the effluent flow meter had been malfunctioning and was recently repaired. The flow paced chlorine and dechlorination dosing pumps were operating in manual mode until the flow meter can be recalibrated.

A review of the discharge monitoring reports submitted for the months of August 2008, through April 2009, revealed seven violations of the limits contained in your NPDES permit. The majority of these violations were for exceeding the total suspended solids limits this past winter. No violations have occurred since December 2008.

Please contact me at 419-373-3070 if you have any questions.

Sincerely,

Walter Ariss
Environmental Specialist II
Division of Surface Water

/llr

Enclosure

pc: DSW-NWDO-File
ODNR Mohican State Park

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2 PPO0033

Facility Name Yohican State Park Lodge Expiration Date 5/31/2011

Facility Address 3008 CR 1600 Date 6/19/09 Time 11:00 am pm

City Loudonville County Ashland Township _____

Name and Address of Owner ODNR

Person Contacted Jay Crow - Operator Owner Phone _____

Flow: Design 80,000 GPD Present 5,000-20,000 GPD (metered - estimated)

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 67° sunny

OEPA Personnel Walker Ariss District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None	<u>2</u>	Clear	<u>2</u>	None	<u>2</u>	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: Pleasant Hill Lake - 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 2 excellent _____ good _____ fair _____ poor operation
 b. Plant has 2 excellent _____ good _____ fair _____ poor maintenance
 c. Sand filters have 2 excellent _____ good _____ fair _____ poor maintenance
no filters
 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	
<u>2</u>	_____	Chlorination <u>Tablets liquid</u>
_____	_____	Dechlorination <u>Tablets liquid</u>
_____	_____	U.V.

Yes No

4. 2 _____ Compliance with NPDES Permit

Periodic Violations Y _____ N _____ Parameters: TSS
 Chronic Violations _____ _____

5. 2 _____ Adequate plant safety

6. _____ 2 _____ Operation and Maintenance Service Name _____

Frequency of Visits _____

Facility Name: Mohican SP Ledge

Process	# Units	Unit	If Needed - Description and Comments
Preliminary		Trash Trap	Pumping Frequency:
		Grease Trap	Pumping Frequency:
	2	Bar Screen	Still out of service - need to repair this
		Comminutor	
		Flow Equalization	
Aeration Equipment	2	Plant Timer 2 Y N Motor/ Blower Unit <i>running</i>	Cycle Time: 1/2 on, 1/2 off
Secondary Treatment	2	Aeration Tank	Color: good color Adequate Aeration: Y 2 N
Final Settling	2	Clarifier	great clarity need to fix holes in weir
	2	Sludge Return	In 2 Out
	2	Surface Skimmer	In 2 Out
		Fixed Media Clarifier	
Tertiary Treatment		Surface Sand Filter	
		Polishing Pond	
		Other	
Disinfection	2	Chlorine Feeder Feeder	okay
	2	Dechlorination Feeder Feeder	okay have new dechlor pump
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
	2	Recorder (continuous total)	recently replaced start recorder
Pumps		Raw Wastewater (type)	
		Sand Filter Effluent Dosing	
Sludge Handling	2	Aerated Storage Tank	okay - last hauled in Feb or March
		Sludge Drying Bed	
Sludge Disposal	2	Municipal POTW	West Salem
		Landfill	
		Land Application	
Advanced Treatment	2	Post Aeration	in chlor, he contact tank
		Spray Irrigation	
		Other	



2PP0003320100304

ASHLAND IODNR MOHICAN STATE PARK LODGE * 2PP00033 2010/03/04 ARISS, WALTER LOUDONVILLE



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Rd.
Bowling Green, OH 43402-9398

TELE: (419) 352-8461 FAX: (419) 352-8468
www.epa.ohio.gov

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

Re: Ashland County
Mohican State Park Lodge WWTP
NPDES Permit

March 4, 2010

Mr. Jay Crow, WWTP Operator
Mohican State Park
3116 State Route 3
Loudonville, Ohio 44842

Dear Mr. Crow:

On February 24, 2010, an inspection was made of the wastewater treatment facilities serving the Mohican State Park Lodge located on C.R. 3006, Perrysville, Ashland County. You were present to answer questions regarding the operations at the wastewater treatment plant. At the time of the inspection all major treatment units were in operation and appeared to be functioning normally.

The bar screen at the head of the treatment plant remains out of service. The work needed to return the screen to service needs to be completed. The holes observed previously in the bottom of the weir trough in the first clarifier tank have yet to be repaired. These holes should be repaired so that all water discharges over the top of the weir. The eastern side of the treatment plant is almost ready for service, and it is hoped to treat all flow through this train starting in the spring.

A review of the discharge monitoring reports submitted for the months of May 2009 through January 2010 revealed one **violation** of the limits contained in your NPDES permit. The violation was for exceeding the fecal coliform limit in October 2009.

Please contact me at 419-373-3070 if you have any questions.

Sincerely,

Walter Ariss
Environmental Specialist II
Division of Surface Water

/cs

Enclosure

pc: ~~NWDO-DSW-File~~
ODNR Mohican State Park

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 21P00633

Facility Name Malabar State Park Lodge WWTP Expiration Date 5/31/2011

Facility Address 3009 CR 1600 Date 2/24/10 Time 10:00 (am) pm

City Loudonville County Ashland Township _____

Name and Address of Owner ODNR

Person Contacted Jay Crow - Operator Owner Phone _____

Flow: Design 80,000 GPD Present 5,000-20,000 GPD (metered - estimated)

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 34° clouds

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: Pleasant Hill Lake - 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 5 excellent _____ good _____ fair _____ poor operation
 b. Plant has 5 excellent _____ good _____ fair _____ poor maintenance
 c. Sand filters have _____ excellent _____ good _____ fair _____ poor maintenance
no filters
 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"/>	Chlorination Tablets Liquid
_____	<input checked="" type="checkbox"/>	Dechlorination Tablets Liquid
_____	_____	U.V.

4. 5 Yes _____ No Compliance with NPDES Permit

Periodic Violations 5 Y _____ N Parameters: Fecal
 Chronic Violations _____ 5

5. 5 Adequate plant safety

6. 5 Operation and Maintenance Service Name _____

Frequency of Visits _____

Facility Name: Yohimca SP Lodge

Process	# Units	Unit	If Needed - Description and Comments
Preliminary		Trash Trap	Pumping Frequency:
		Grease Trap	Pumping Frequency:
	<input checked="" type="checkbox"/>	Bar Screen	Still needs repaired
		Comminutor	
		Flow Equalization	
Aeration Equipment	<input checked="" type="checkbox"/>	Plant Timer <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Cycle Time: 45 min on, 15 off
		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>great clarity</i> <i>need to fix holes in wall</i>
	<input checked="" type="checkbox"/>	Sludge Return	In <input checked="" type="checkbox"/> Out <input type="checkbox"/>
	<input checked="" type="checkbox"/>	Surface Skimmer	In <input checked="" type="checkbox"/> Out <input type="checkbox"/>
		Fixed Media Clarifier	
Tertiary Treatment		Surface Sand Filter	
		Polishing Pond	
		Other	
Disinfection	<input checked="" type="checkbox"/>	Chlorine Tube Feeder <i>Pump</i>	<i>out</i>
	<input checked="" type="checkbox"/>	Dechlorination Tube Feeder <i>Pump</i>	<i>out</i>
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
	<input checked="" type="checkbox"/>	Recorder (continuous total)	<i>okay</i>
Pumps		Raw Wastewater (type)	
		Sand Filter Effluent Dosing	
Sludge Handling	<input checked="" type="checkbox"/>	Aerated Storage Tank	<i>1/2 full</i>
		Sludge Drying Bed	
Sludge Disposal	<input checked="" type="checkbox"/>	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	<input checked="" type="checkbox"/>	Post Aeration	<i>on</i>
		Spray Irrigation	
		Other	



2PP0003320110322

ASHLAND ODNR MOHICAN STATE PARK LODGE * 2PP00033 2011/03/22 ARISS, WALTER

LOUDONVILLE



Environmental
Protection Agency

John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

Re: Ashland County
Mohican State Park Lodge WWTP
NPDES Permit

March 22, 2011

Mr. Jay Crow, WWTP Operator
Mohican State Park
3116 State Route 3
Loudonville, Ohio 44842

Dear Mr. Crow:

On March 3, 2011, an inspection was made of the wastewater treatment facilities serving the Mohican State Park Lodge located on County Road 3006, Perrysville, Ashland County. You were present to answer questions regarding the operations at the wastewater treatment plant. At the time of the inspection all major treatment units were in operation and appeared to be functioning normally.

The holes previously observed in the bottom of the weir trough in the first clarifier tank have yet to be repaired. These holes should be repaired so that all water discharges over the top of the weir. It was also noted that the concrete walkways between several of the tanks have begun to crumble and fall apart. This concrete needs to be repaired. Not only could this lead to tank failure, but it represents a hazard to the operators.

A review of the discharge monitoring reports submitted for the months of July 2010, through January 2011, revealed one **violation** of the limits contained in your NPDES permit. This **violation** was for exceeding the fecal coliform limit in August 2010.

Our office has completed drafting your renewal NPDES permit and it is currently out for public comment. Please look this draft permit over and contact our office with any questions or concerns.

Please contact me at 419-373-3070 if you have any questions.

Sincerely,

Walter Ariss
Environmental Specialist II
Division of Surface Water

/l/r

Enclosure

pc:  DSW-NWDO File
ODNR Mohican State Park

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 21P00033

Facility Name Michigan State Park Lodge Expiration Date 5/31/2011
 Facility Address 3008 CR 1600 Date 3/3/11 Time 1:00 am (pm)
 City Perryville County Ashtabul Township _____
 Name and Address of Owner ODNR
 Person Contacted Jay Crow - Operator Owner Phone _____
 Flow: Design 80,000 GPD Present 4000-37,000 GPD (metered - estimated)
 Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 40° clouds
 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: Pleasant Hill Lake - 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 _____ 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"/>	Chlorination Tablets
_____	<input checked="" type="checkbox"/>	Dechlorination Tablets
_____	_____	U.V.

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

5. Adequate plant safety

6. Operation and Maintenance Service Name _____
 Frequency of Visits _____

Facility Name: Mohican State Park Lodge

Process	# Units	Unit	If Needed - Description and Comments
Preliminary		Trash Trap	Pumping Frequency:
		Grease Trap	Pumping Frequency:
	<input checked="" type="checkbox"/>	Bar Screen	okay
		Comminutor	
		Flow Equalization	
Aeration Equipment	<input checked="" type="checkbox"/>	Plant Timer <input checked="" type="checkbox"/> Y ___ N Motor/ Blower Unit <i>running</i>	Cycle Time:
Secondary Treatment	<input checked="" type="checkbox"/>	Aeration Tank	Color: <i>good color</i> Adequate Aeration: Y <input checked="" type="checkbox"/> N ___
Final Settling	<input checked="" type="checkbox"/>	Clarifier	<i>very clear</i> <i>still need to plug holes in weir</i>
	<input checked="" type="checkbox"/>	Sludge Return	In <input checked="" type="checkbox"/> Out ___
	<input checked="" type="checkbox"/>	Surface Skimmer	In <input checked="" type="checkbox"/> Out ___
		Fixed Media Clarifier	
Tertiary Treatment		Surface Sand Filter	
		Polishing Pond	
		Other	
Disinfection	<input checked="" type="checkbox"/>	Chlorine Tablet Feeder <i>liquid</i>	<i>out</i>
	<input checked="" type="checkbox"/>	Dechlorination Tablet Feeder <i>liquid</i>	<i>out</i>
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
	<input checked="" type="checkbox"/>	Recorder (continuous total)	<i>okay</i>
Pumps		Raw Wastewater (type)	
		Sand Filter Effluent Dosing	
Sludge Handling	<input checked="" type="checkbox"/>	Aerated Storage Tank	<i>about 1/3 full</i>
		Sludge Drying Bed	
Sludge Disposal	<input checked="" type="checkbox"/>	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	<input checked="" type="checkbox"/>	Post Aeration	<i>okay</i>
		Spray Irrigation	
		Other	



2PP0000520070626

ASHLAND

ODYS MOHICAN JUVENILE
CORRECTIONAL FACILITY

2PP00005 2007/06/26 ARISS, WALTER

PERRYSVILLE



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: Richland County
Mohican Youth Facility
NPDES Permit 2PP00005

June 26, 2007

Ms. Martha Spohn, Superintendent
Mohican Juvenile Correction Facility
1012 ODNR Mohican 51
Perrysville, Ohio 44864

Dear Ms. Spohn:

On June 14, 2007, an inspection was made of the wastewater treatment facilities serving the Mohican Juvenile Correction Facility located at 1012 ODNR Mohican 51, Perrysville, Ashland County. Mr. Rick Young of your staff was present during the inspection to provide a tour of the facilities and answer any questions that I had.

At the time of the inspection all flow was being directed to the new treatment plant. The old treatment plant was offline. It is suspected that the tanks in the old treatment plant may leak. This is particularly noticeable in the old chlorine tank where water loss is extremely evident. The new flow meter has been taken offline due to the water loss occurring through the old chlorine tank. This water loss is causing large differences between the flow measured at the wastewater treatment plant and flow discharged from the water treatment plant. The water tightness of all the tanks in the old plant should be checked, and any repairs completed immediately.

The new part of the treatment plant was designed to treat an additional 12,000 gallons per day. Current flows reported are averaging 20,000 gallons per day. These flows are beyond the treatment capacity of the new treatment plant alone. The old plant needs to be returned to service to assure that all waste receives proper treatment.

Mr. Young indicated that Mr. Kevin Dean of Dean's Backflow Service will be taking over as operator of the treatment plant upon his retirement in the coming weeks. The new operator's contract should involve daily visits to the treatment plant to insure its proper operation. The recent upgrades represent a significant monetary investment and an additional maintenance obligation than the old treatment plant. Since Mr. Young was able to visit the plant daily, a replacement should also provide daily operations and maintenance control.

Ms. Martha Spohn, Superintendent

June 26, 2007

Page 2

A review of the monthly operating reports submitted to our office for the months of August 2006, through May 2007 revealed several violations of the suspended solids limit contained in the NPDES permit covering the discharge from the treatment plant. It is suspected that the sand in the new filter beds may have had excessive fine particles that washed out of the filters after they were first put on line causing these violations.

Please be aware that the National Pollutant Discharge Elimination System (NPDES) permit that covers the discharge from the wastewater plant expires on January 31, 2008. You are required to submit a renewal application no later than 180 days prior to this date.

Please call me if you have any questions at 419-373-3070.

Sincerely,



Walter Ariss
Environmental Specialist II
Division of Surface Water

//lr

Enclosure

pc: DSW-NWDO:File
Kevin Dean, Deans Backflow Service

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2PP00005

Facility Name Mohican Juvenile Correction Center Expiration Date 11/31/08

Facility Address 1012 OHIO Mohican St Date 6/14/07 Time 2:30 am

City Perryville County Ashland Township _____

Name and Address of Owner Ohio Dept Youth Services

Person Contacted Rick Young Owner Phone _____

Flow: Design 32,000 GPD Present ~20,000 GPD (metered - estimated)

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 85° 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 Clear Fork Mohican

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"/>	_____
	Chlorination Tablets
	Dechlorination Tablets
	U.V.

4. Yes _____ No Compliance with NPDES Permit

Periodic Violations Y _____ N _____ Parameters: TSS
 Chronic Violations _____

5. Adequate plant safety

6. Operation and Maintenance Service Name Dem's Back Flow

Frequency of Visits 1/day

Facility Name: Michigan Juvenile Correction Center

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	<input checked="" type="checkbox"/>	Trash Trap	Pumping Frequency: <u>every few months</u>
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
	<input checked="" type="checkbox"/>	Flow Equalization	<u>ok</u>
Aeration Equipment		Plant Timer <u>Y</u> <u>N</u>	Cycle Time: <u>okay</u>
	<input checked="" type="checkbox"/>	Motor/ Blower Unit <u>running</u>	
Secondary Treatment	<input checked="" type="checkbox"/>	Aeration Tank	Color: <u>good color</u> Adequate Aeration: <u>Y</u> <u>N</u>
Final Settling	<input checked="" type="checkbox"/>	Clarifier	<u>very clear</u>
	<input checked="" type="checkbox"/>	Sludge Return	In <input checked="" type="checkbox"/> Out <u> </u>
	<input checked="" type="checkbox"/>	Surface Skimmer	In <u> </u> Out <input checked="" type="checkbox"/>
		Fixed Media Clarifier	
Tertiary Treatment	<input checked="" type="checkbox"/>	Surface Sand Filter	<u>filter beds need cleaned</u>
		Polishing Pond	
		Other	
Disinfection		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
	<input checked="" type="checkbox"/>	Ultraviolet (UV)	<u>okay</u>
Flow Metering		Elapsed Pump Time	
	<input checked="" type="checkbox"/>	Recorder (continuous total)	<u>tanks need to be checked for water tightness</u>
Pumps	<input checked="" type="checkbox"/>	Raw Wastewater (type) <u>Flow EQ</u>	<u>okay</u>
	<input checked="" type="checkbox"/>	Sand Filter Effluent Dosing	<u>okay</u>
Sludge Handling	<input checked="" type="checkbox"/>	Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal		Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	<input checked="" type="checkbox"/>	Post Aeration	
		Spray Irrigation	
		Other	

Old plant needs repaired & returned to service
Plant alarm needs to be wired to guard station -



2PP0000520070824

ASHLAND ODYS MOHICAN JUVENILE
CORRECTIONAL FACILITY

2PP00005 2007/08/24 ARISS, WALTER

PERRYSVILLE



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: Richland County
Mohican Youth Facility
NPDES Permit 2PP00005

August 24, 2007

Martha Spohn, Superintendent
Mohican Juvenile Correction Facility
1012 ODNR Mohican 51
Perrysville, Ohio 44864

Dear Ms. Spohn,

On August 9, 2007, an inspection was made of the wastewater treatment facilities serving the Mohican Juvenile Correction Facility located at 1012 ODNR Mohican 51, Perrysville, Ashland County. Mr. Kevin Dean your contract certified operator was present during the inspection to provide a tour of the facilities and answer any questions that I had.

At the time of the inspection all flow was being directed to the new treatment plant. The old treatment plant was offline. Representatives from Mack Industries were onsite during the inspection sealing leaks in the tanks of the old treatment plant. Mr. Dean indicated that once the sealant cures, the tanks would be checked for watertightness and returned to service. A new automatic dialer was also being installed so that in case of a pump failure an alarm would sound at the manned guard station.

No major concerns were noted at the time of the inspection. The plant appeared to be performing in a satisfactory manner.

Please call me if you have any questions at 419-373-3070.

Sincerely,

Walter Ariss
Environmental Specialist II
Division of Surface Water

/lb

Enclosed

pc: ~~\\NWDO\DSW\file~~

Kevin Dean, Deans Backflow Service

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2PP00005

Facility Name Mohican Juvenile Correction Facility Expiration Date 11/31/08

Facility Address 1012 OHIO Mohican St Date 8/9/07 Time 10:45 am

City Loudonville County Ashland Township _____

Name and Address of Owner Oh's Best Youth Services

Person Contacted Kevin Dean Owner Phone _____

Flow: Design 32,000 GPD Present 15,000 - 20,000 GPD (metered - ~~estimated~~)

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 85° 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: Assessed to's Clear Fork Mohican

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
_____	_____ Chlorination Tablets
_____	_____ Dechlorination Tablets
<input checked="" type="checkbox"/>	_____ U.V.

Yes No

4. Compliance with NPDES Permit

Periodic Violations Y N Parameters: _____
 Chronic Violations _____ Y _____

5. Adequate plant safety

6. Operation and Maintenance Service Name Kevin Backhaus

Frequency of Visits 1/Day

Facility Name: Michigan JCF

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	<input checked="" type="checkbox"/>	Trash Trap	Pumping Frequency: <u>1 month</u>
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
	<input checked="" type="checkbox"/>	Flow Equalization	<u>OK</u>
Aeration Equipment		Plant Timer <u>Y</u> <input checked="" type="checkbox"/> <u>N</u>	Cycle Time:
	<input checked="" type="checkbox"/>	Motor/ Blower Unit <u>running</u>	
Secondary Treatment	<input checked="" type="checkbox"/>	Aeration Tank	Color: <u>good color</u> Adequate Aeration: <u>Y</u> <input checked="" type="checkbox"/> <u>N</u>
Final Settling	<input checked="" type="checkbox"/>	Clarifier	<u>Very clear</u>
	<input checked="" type="checkbox"/>	Sludge Return	In <input checked="" type="checkbox"/> Out <u> </u>
	<input checked="" type="checkbox"/>	Surface Skimmer	In <u> </u> Out <input checked="" type="checkbox"/>
		Fixed Media Clarifier	
Tertiary Treatment	<input checked="" type="checkbox"/>	Surface Sand Filter	<u>2 filters needed due to operator error after two look great</u>
		Polishing Pond	
		Other	
Disinfection		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
	<input checked="" type="checkbox"/>	Ultraviolet (UV)	<u>OK</u>
Flow Metering	<input checked="" type="checkbox"/>	Elapsed Pump Time	<u>from water start</u>
	<input checked="" type="checkbox"/>	Recorder (continuous total)	<u>flowmeter being repaired during 2007</u>
Pumps	<input checked="" type="checkbox"/>	Raw Wastewater (type) <u>flow EQ</u>	<input checked="" type="checkbox"/>
	<input checked="" type="checkbox"/>	Sand Filter Effluent Dosing	<input checked="" type="checkbox"/>
Sludge Handling	<input checked="" type="checkbox"/>	Aerated Storage Tank	<u>looks good</u>
		Sludge Drying Bed	
Sludge Disposal	<input checked="" type="checkbox"/>	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	<input checked="" type="checkbox"/>	Post Aeration	<u>off because it is located in tertiary chlorine tanks</u>
		Spray Irrigation	
		Other	



2PP0000520080815

ASHLAND	ODYS MOHICAN JUVENILE CORRECTIONAL FACILITY	2PP00005	2008/08/15	ARISS, WALTER	PERRYVILLE
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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: Richland County
Mohican Youth Facility
NPDES Permit 2PP00005

August 15, 2008

Martha Spohn, Superintendent
Mohican Juvenile Correction Facility
1012 ODNR Mohican 51
Perrysville, Ohio 44864

Dear Ms. Spohn:

On August 7, 2008, an inspection was made of the wastewater treatment facilities serving the Mohican Juvenile Correction Facility located at 1012 ODNR Mohican 51, Perrysville, Ashland County. Mr. Kevin Dean your contract certified operator was present during the inspection to provide a tour of the facilities and answer any questions.

Mr. Dean indicated that the sewer line from the old dorm and gym had been televised and found to be in need of repair. During construction of the new fencing, several post holes were drilled through the sewer line breaking the pipe. He stated that the broken sections of pipe would be replaced and that the remaining sections of pipe would be relined to the first upstream manhole. This work should eliminate the high flow at the treatment plant during rain events.

No major concerns were noted at the time of the inspection. The plant appeared to be performing in a satisfactory manner. A clear effluent was being discharged to the receiving stream.

A review of the discharge monitoring reports submitted for the months of November 2007 through July 2008 revealed several violations of the limits contained in your NPDES permit. Four of these violations were for violating the fecal coliform limits. During the inspection we discussed the use of the valve at the head of the UV disinfection unit to reduce the flow from the sand filters. This should allow more contact time with the UV light and should provide the necessary sterilization.

Please call me if you have any questions at 419-373-3070.

Sincerely,

Walter Ariss
Environmental Specialist II
Division of Surface Water
/csl

Enclosure

pc: NWDO-DSW file

Kevin Dean, Dean's Backflow Service w/enclosure

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2PP0000.5

Facility Name Mohican Youth Center - OOKS Expiration Date 2/28/13

Facility Address 1012 ONR 51 Date 8/7/08 Time 10:45 am

City ~~Baraboo~~ Perrysville County Ashland Township _____

Name and Address of Owner OOKS

Person Contacted Kevin Dean - Operator Owner Phone _____

Flow: Design 32,000 GPD Present 15,000 - 20,000 GPD (metered - estimated)

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 78° 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 Clear Fork

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
_____	_____ Chlorination Tablets
_____	_____ Dechlorination Tablets
<input checked="" type="checkbox"/>	_____ U.V.

4. Yes _____ No Compliance with NPDES Permit

Periodic Violations Y N Parameters: NO₃ Fecal
 Chronic Violations _____

5. Adequate plant safety

6. Operation and Maintenance Service Name Dean's backflow

Frequency of Visits 5/week

Facility Name: Mohican Youth Center - OORIS

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	<input checked="" type="checkbox"/>	Trash Trap	Pumping Frequency: <i>once per month</i>
	<input checked="" type="checkbox"/>	Grease Trap	Pumping Frequency:
	<input type="checkbox"/>	Bar Screen	
	<input type="checkbox"/>	Comminutor	
	<input checked="" type="checkbox"/>	Flow Equalization	<i>ok-pumps get clogged with debris</i>
Aeration Equipment	<input checked="" type="checkbox"/>	Plant Timer <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Cycle Time: <i>5 on, 2 off</i>
	<input checked="" type="checkbox"/>	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"/>
	<input checked="" type="checkbox"/>	Surface Skimmer	In <input type="checkbox"/> Out <input checked="" type="checkbox"/>
	<input checked="" type="checkbox"/>	Fixed Media Clarifier	<i>clear effluent</i>
Tertiary Treatment	<input checked="" type="checkbox"/>	Surface Sand Filter	<i>all four beds look good, using only one bed</i>
	<input type="checkbox"/>	Polishing Pond	
	<input type="checkbox"/>	Other	
Disinfection	<input type="checkbox"/>	Chlorine Tube Feeder	
	<input type="checkbox"/>	Dechlorination Tube Feeder	
	<input checked="" type="checkbox"/>	Ultraviolet (UV)	<i>need to adjust inflow valve to allow more contact time</i>
Flow Metering	<input checked="" type="checkbox"/>	Elapsed Pump Time	<i>using data from filter dosing pumps</i>
	<input checked="" type="checkbox"/>	Recorder (continuous total)	<i>Flow meter still measuring incorrectly</i>
Pumps	<input checked="" type="checkbox"/>	Raw Wastewater (type) <i>Flow EQ</i>	<i>can get clogged with material</i>
	<input checked="" type="checkbox"/>	Sand Filter Effluent Dosing	<i>look good</i>
Sludge Handling	<input checked="" type="checkbox"/>	Aerated Storage Tank	<i>okay</i>
	<input type="checkbox"/>	Sludge Drying Bed	
Sludge Disposal	<input checked="" type="checkbox"/>	Municipal POTW	
	<input type="checkbox"/>	Landfill	
	<input type="checkbox"/>	Land Application	
Advanced Treatment	<input checked="" type="checkbox"/>	Post Aeration	<i>on</i>
	<input type="checkbox"/>	Spray Irrigation	
	<input type="checkbox"/>	Other	



2PP0000520090430

ASHLAND ODYS MOHICAN JUVENILE
CORRECTIONAL FACILITY

2PP00005 2009/04/30 ARISS, WALTER

PERRYSVILLE



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Rd.
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: Richland County
Mohican Youth Facility
NPDES Permit 2PP00005

April 29, 2009

Ms. Martha Spohn, Superintendent
Mohican Juvenile Correction Facility
1012 ODNR Mohican 51
Perrysville, Ohio 44864

Dear Ms. Spohn,

On April 22, 2009, an inspection was made of the wastewater treatment facilities serving the Mohican Juvenile Correction Facility located at 1012 ODNR Mohican 51, Perrysville, Ashland County. Mr. Kevin Dean your contract certified operator was present during the inspection to provide a tour of the facilities and answer any questions.

Mr. Dean indicated that the sewer line that had been damaged during the fence installation was repaired this past fall. No further problems with high flows to the treatment plant have occurred since this work was completed. No major concerns with the treatment plant operations were noted at the time of the inspection. The plant appeared to be performing in a satisfactory manner. A clear effluent was being discharged to the receiving stream. One of the lights on the UV system was not operating. Mr. Dean indicated that a replacement light would be ordered and installed right away.

A review of the discharge monitoring reports submitted for the months of August 2008 through March 2009 revealed four **violations** of the limits contained in your NPDES permit. All four violations were for failure to meet the dissolved oxygen limit in the final effluent. Adjustment of the air supply in the post aeration should prevent this type of violation from occurring.

Please call me at 419-373-3070 if you have any questions.

Sincerely,

Walter Ariss
Environmental Specialist II
Division of Surface Water

/lb

Enclosure

pc: ~~NWD, DOD, DSW file~~
Kevin Dean, Dean's Backflow Service w/enclosure

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2 PP00005

Facility Name Mohican Youth Center Expiration Date 2/28/2013

Facility Address 1012 ODNR Mohican St Date 4/22/09 Time 11:00 am pm

City Perryssville County Ashland Township _____

Name and Address of Owner _____

Person Contacted Kevin Dean - Operator Owner Phone _____

Flow: Design 32,000 GPD Present 10,000-20,000 GPD (metered - estimated)

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 60° 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 Clear Fork Mohican

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
_____	_____ Chlorination Tablets
_____	_____ Dechlorination Tablets
<input checked="" type="checkbox"/>	_____ U.V.

Yes No

4. Compliance with NPDES Permit

Periodic Violations 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: Hoboken, NJ

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	<input checked="" type="checkbox"/>	Trash Trap	Pumping Frequency: <i>11 month</i>
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
	<input checked="" type="checkbox"/>	Flow Equalization	<i>okay</i>
Aeration Equipment		Plant Timer <u>Y</u> <input checked="" type="checkbox"/> N	Cycle Time:
	<input checked="" type="checkbox"/>	Motor/ Blower Unit <i>running</i>	
Secondary Treatment	<input checked="" type="checkbox"/>	Aeration Tank	Color: <i>good color + roll</i> Adequate Aeration: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Final Settling	<input checked="" type="checkbox"/>	Clarifier	<i>very clear</i>
	<input checked="" type="checkbox"/>	Sludge Return	In <input checked="" type="checkbox"/> Out
	<input checked="" type="checkbox"/>	Surface Skimmer	In 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>using one bed / other three clean + ready</i>
		Polishing Pond	
		Other	
Disinfection		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
	<input checked="" type="checkbox"/>	Ultraviolet (UV)	<i>one bulb burnt out</i>
Flow Metering	<input checked="" type="checkbox"/>	Elapsed Pump Time	<i>from drinking water plant ^{and} filter pumps</i>
	<input checked="" type="checkbox"/>	Recorder (continuous total)	<i>recorder doesn't work correctly</i>
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>okay</i>
		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	



2PP0000520100409

ASHLAND

ODYS MOHICAN JUVENILE
CORRECTIONAL FACILITY

2PP00005 2010/04/09 ARISS, WALTER

PERRYSVILLE



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Rd.
Bowling Green, OH 43402-9398

TELE: (419) 352-8461 FAX: (419) 352-8468
www.epa.ohio.gov

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

Re: Richland County
Mohican Youth Facility
NPDES Permit

April 8, 2010

Mr. Larry Gongwer, Superintendent
Mohican Juvenile Correction Facility
1012 ODNR Mohican 51
Perrysville, Ohio 44864

Dear Mr. Gongwer,

On March 31, 2010, an inspection was made of the wastewater treatment facilities serving the Mohican Juvenile Correction Facility located at 1012 ODNR Mohican 51, Perrysville, Ashland County. Mr. Kevin Dean your contract certified operator was present during the inspection to provide a tour of the facilities and answer any questions.

No major concerns with the treatment plant operations were noted at the time of the inspection. The plant appeared to be performing in a satisfactory manner. A clear effluent was being discharged to the receiving stream.

A review of the discharge monitoring reports submitted for the months of April 2009 through March 2010 revealed one **violation** of the limits contained in your NPDES permit. This violation was for exceeding the total suspended solids limit in the May 2009 sample.

Our office is aware that this facility is scheduled to close. Please be aware that if a skeleton crew is kept onsite for maintenance and security, that the treatment plant must remain operational. If the Ohio Department of Youth Services (ODYS) transfers or sells the property it will be necessary to transfer the NPDES permit to the new owner. ODYS will be legally responsible for the discharge from the treatment plant until a permit transfer takes place.

Please call me at 419-373-3070 if you have any questions.

Sincerely,

Walter Ariss
Environmental Specialist II
Division of Surface Water

/lb

Enclosure

cc: ~~NWDO DSW file~~

Kevin Dean, Dean's Backflow Service w/enclosure

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2 PP00005

Facility Name Mohican Youth Center Expiration Date 2/28/2013

Facility Address 1012 OPNH Mohican St Date 3/31/10 Time 2:00 am pm

City Marysville County Ashtand Township _____

Name and Address of Owner _____

Person Contacted Kevin Dean - Operator Owner Phone _____

Flow: Design 32,000 GPD Present 20,000 - 4,000 GPD (metered - estimated)

Trib. Pop. almost all prisoners transferred (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: unmarked trib Clear Fork Hudson

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
_____	_____ Chlorination Tablets
_____	_____ Dechlorination Tablets
_____	<input checked="" type="checkbox"/> U.V.

Yes No

4. _____ Compliance with NPDES Permit

Periodic Violations Y _____ N TSS Parameters: _____

Chronic Violations _____ _____

5. _____ Adequate plant safety

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

Frequency of Visits 1/day

Facility Name: Mohican Youth Center

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	<input checked="" type="checkbox"/>	Trash Trap	Pumping Frequency: <u>1/month</u>
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
Aeration Equipment	<input checked="" type="checkbox"/>	Flow Equalization	<u>okay / have to pull pumps every other week to</u>
	<input checked="" type="checkbox"/>	Plant Timer <u>2Y</u> - N	Cycle Time: <u>clean out gloves</u>
Secondary Treatment	<input checked="" type="checkbox"/>	Motor/ Blower Unit <u>running</u>	
	<input checked="" type="checkbox"/>	Aeration Tank	Color: <u>good color</u> Adequate Aeration: <input checked="" type="checkbox"/> N
Final Settling	<input checked="" type="checkbox"/>	Clarifier	<u>good clarity</u>
	<input checked="" type="checkbox"/>	Sludge Return	In <input checked="" type="checkbox"/> Out
	<input checked="" type="checkbox"/>	Surface Skimmer	In <input checked="" type="checkbox"/> Out
	<input checked="" type="checkbox"/>	Fixed Media Clarifier	<u>clear discharge</u>
Tertiary Treatment	<input checked="" type="checkbox"/>	Surface Sand Filter	<u>filters very clean</u>
		Polishing Pond	
		Other	
Disinfection		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
	<input checked="" type="checkbox"/>	Ultraviolet (UV)	<u>out for season / put back in service by May 1</u>
Flow Metering	<input checked="" type="checkbox"/>	Elapsed Pump Time	<u>from drinking water plant / filter pumps</u>
	<input checked="" type="checkbox"/>	Recorder (continuous total)	<u>still needs calibrated</u>
Pumps	<input checked="" type="checkbox"/>	Raw Wastewater <u>Planted</u>	<u>okay</u>
	<input checked="" type="checkbox"/>	Sand Filter Effluent Dosing	<u>okay</u>
Sludge Handling	<input checked="" type="checkbox"/>	Aerated Storage Tank	<u>okay</u>
		Sludge Drying Bed	
Sludge Disposal	<input checked="" type="checkbox"/>	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	<input checked="" type="checkbox"/>	Post Aeration	<u>on</u>
		Spray Irrigation	
		Other	