



**Environmental
Protection Agency**

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



1PV0010620080718

CLARK

ENON HEIGHTS MHP

LEIBFRITZ, SANDRA 2008/07/18



State of Ohio Environmental Protection Agency

Southwest District

401 East Fifth Street
Dayton, Ohio 45402-2911

TELE: (937)285-6357 FAX: (937)285-6249
www.epa.state.oh.us

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

July 18, 2008

John Roberds
P.O. Box 292
Enon, OH 45323

CERTIFIED LETTER

**Re: Enon Heights MHP - NPDES No. 1PV00106*BD/OH0127221
Compliance Evaluation Inspection - Clark County
Notice of Violation - March 2008 through June 2008**

Dear Mr. Roberds:

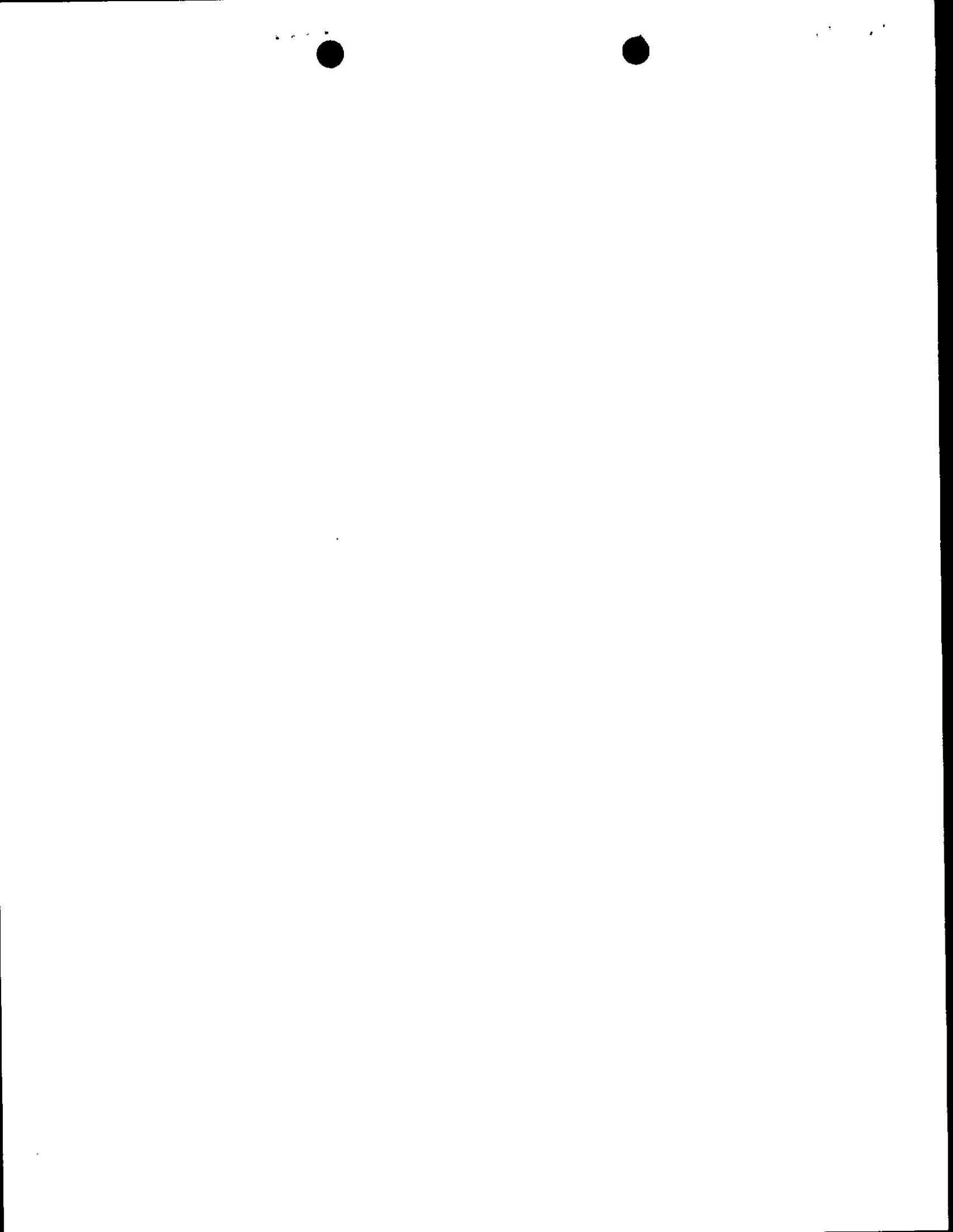
On July 15, 2008, Sandra Leibfritz conducted an inspection at Enon Heights MHP wastewater treatment plant located at 4460 Dayton Road, Springfield, Ohio. The purpose of this inspection was to inspect the new wastewater treatment plant as per the approved detailed plans (PTI No. 624282). All areas that were evaluated were rated as satisfactory. Details of the inspection may be obtained from the enclosed report.

There are eight items that require a response. We ask for a response no later than July 31, 2008. If you should have any questions about the inspection, please call Ms. Leibfritz at (937) 285-6104 or me at (937) 285-6034.

Sincerely,

Martyn G. Burt
Environmental Supervisor
Division of Surface Water

cc: Clark County Health Department
Bob Gomez, Winelco



Permit #: 1PV00106*BD
 NPDES #: OH0127221



State of Ohio Environmental Protection Agency
 Southwest District Office

NPDES Compliance Inspection Report
 Semi-Public Sewage Disposal Inspection Form

Section A: National Data System Coding					
Permit #	NPDES#	Month/Day/Year	Inspection Type	Inspector	Facility Type
1PV00106*BD	OH0127221	7/15/08	C	S	11

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Enon Heights MHP 4460 Dayton Road Springfield, OH 45502	10:50 a.m.	January 1, 2006
	Exit Time	Permit Expiration Date
	11:15 a.m.	December 31, 2010
Name(s) and Title(s) of On-Site Representatives		Phone Number(s)
None		
Name(s), Address and Title(s) of Operator of Record		Phone Number(s)
Winelco 6141 Centre Park Drive West Chester, OH 45069		(513) 755-8050
Name, Address and Title of Responsible Official		Phone Number
John Roberds P.O. Box 292 Enon, OH 45323		(937) 864-1897

Ohio EPA Inspector	Ohio EPA Reviewer
 Sandra D. Leibfritz Division of Surface Water Southwest District Office Date: 7/18/08	 Martyn Buft Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office Date: 7/21/08

Permit #: 1PV00106*BD
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Average Daily Design Flow:	13,500 Gallons/Day
Plant Serves:	45 lots
Average Daily Flow: (Period of Review):	13,800 Gallons/Day (January 2007 through December 2007)
Method of flow monitoring:	Hour Meters on Dosing Chamber
Type of alarms for plant:	Audio/Visual

Comments/Status:

During the period from January 2007 through December 2007, flow monitoring data was estimated. The new wastewater treatment plant has an hour meter on each of the pumps in the dosing chamber to the sand filters.

Pretreatment

Type of Pretreatment: Trash Trap
Does the Trash Trap need pumped: N/E
Maintenance of pretreatment components is: N/E

Comments/Status:

This is an existing treatment unit.

Equalization Basin - NA

Two Pumps present: Yes
Both Pumps operational: Yes
Alarm present: Yes
Alarm operational: Yes
Maintenance of equalization basin is: Satisfactory

Comments/Status:

Aeration was occurring in the equalization basin.
The alarm is operational and is visual.
There is a lift station prior to the equalization basin. The alarm is operational and is audio/visual.

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**Secondary Treatment
(Aeration)**

Color of sludge: **Other**
 Quality of Sludge: **Thin**
 Foam: **None present**
 Odor: **No objectionable odor present**

	Yes	No		Yes	No
Aeration is taking place	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Plant is septic	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Blowers are operating	<input type="checkbox"/>	<input type="checkbox"/>	Blowers are on a timer	<input type="checkbox"/>	<input type="checkbox"/>
Skimmers are operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Plant is flooded	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Diffusers are operating	<input type="checkbox"/>	<input type="checkbox"/>	Grating is present	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Sludge return is operating	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Condition of grating: Excellent		

Maintenance of aerating equipment is...**Satisfactory**

Comments/Status:

Aeration was not occurring during the inspection. The MLSS was more clear water than brown. This is a new plant that was recently seeded.

**Secondary Treatment
(Settling)**

Clarity: **Clear**
 Condition of Weir: **Clean**
 Weir is level: **Yes**
 Effluent in weir: **Other**
 Clarifier walls need scraped: **Unknown**

Overall maintenance of settling components is: **Satisfactory**

Comments/Status:

There was no discharge over the weir during the inspection.

Tertiary Treatment

	Yes	No		Yes	No
Surface sand Filters: Slow	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Subsurface	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Distribution box operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Beds alternated	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Are filters ponding/flooding	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Beds raked	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sand filters overgrown	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Ultraviolet Disinfection	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Overall maintenance of components is: **Satisfactory**

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Comments/Status:

There are two pumps in the dosing chamber to the sand filters. Both pumps were operational. The alarm system is visual.
The sand in the east filter is uneven and needs to be leveled.

Sludge Handling/Storage Disposal - N/E

Hauler name: **Unknown**
Disposal Site: **Unknown**
Sludge wasted from: **Unknown**
How often is sludge wasted: **Unknown**
Sludge drying beds: **No** Sludge holding tank: **Yes**

Overall maintenance of components is: **Unknown**

Comments/Status:

Plant Discharge

Discharge point is a: **Stream**
Name of discharge point: **Unnamed tributary to the Mad River**
Discharge is visible: **Yes** Quality of Effluent: **Clear**

Comments/Status:

The discharge was clear.

EFFLUENT LIMIT VIOLATIONS

7D = Weekly 30D = Monthly 1D = Daily Conc. = Concentration (mg/l) Qty. = Quantity (Kg/Day)

ENON HEIGHTS MHP OUTFALL 001 - 1PV00106 During the period from March 2008 through June 2008					
Reporting Period	Parameter	Limit Type	Limit	Reported Value	Violation Date
March 2008	Total Suspended Solids	30D Conc	12.0	15.	3/1/2008
March 2008	Total Suspended Solids	30D Qty	0.6	1.38423	3/1/2008
March 2008	Total Suspended Solids	7D Qty	0.9	1.38423	3/1/2008
May 2008	Nitrogen, Ammonia, NH3	30D Conc	1.0	3.	5/1/2008
May 2008	Nitrogen, Ammonia, NH3	30D Qty	0.05	.09382	5/1/2008
May 2008	CBOD 5 day	30D Conc	10.0	11.1	5/1/2008
May 2008	Nitrogen, Ammonia, NH3	7D Conc	1.5	3.	5/15/2008
May 2008	Nitrogen, Ammonia, NH3	7D Qty	0.08	.09382	5/15/2008
June 2008	Total Suspended Solids	30D Conc	12.0	68.	6/1/2008
June 2008	Total Suspended Solids	7D Conc	18.0	68.	6/1/2008
June 2008	Total Suspended Solids	30D Qty	0.6	2.11952	6/1/2008
June 2008	Total Suspended Solids	7D Qty	0.9	2.11952	6/1/2008
June 2008	Nitrogen, Ammonia, NH3	30D Conc	1.0	6.	6/1/2008
June 2008	Nitrogen, Ammonia, NH3	7D Conc	1.5	6.	6/1/2008
June 2008	Nitrogen, Ammonia, NH3	30D Qty	0.05	.18702	6/1/2008
June 2008	Nitrogen, Ammonia, NH3	7D Qty	0.08	.18702	6/1/2008
June 2008	Fecal Coliform	30D Conc	1000	2160.	6/1/2008
June 2008	Fecal Coliform	7D Conc	2000	2160.	6/1/2008
June 2008	CBOD 5 day	30D Conc	10.0	11.4	6/1/2008

Items Requiring a Response

The purpose of this inspection was to inspect the new WWTP. The new WWTP went on-line July 11, 2008. On January 22, 2008, a PTI (No. 624282) was issued to the owner, John Roberds. The WWTP was installed as per detailed plans.

1. A fence needs to be installed around the WWTP and the ground needs to be stabilized with vegetative cover. When will the fence be installed and cover established?
2. Several of the tanks were partially grated. When will the remaining grating be placed on the tanks?
3. There was an opening on the aeration tank adjacent to the clarifier. When and how will this opening be plugged?

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4. During the inspection, the blowers to the aeration tank did not kick on. Are the blowers to the aeration tanks working? Are they on a timer and if so what is the time on/time off period?
5. Rip rap needs to be placed around the splash pad in the sand filters and the sand needs to be leveled off. When will these items be completed?
6. There were electrical plugs at the uv unit that were not plugged in. Is this unit on-line and operational? Do these plugs power the alarm system to indicated lamp failure and low UV intensity? If so, when will these items be operational?
7. How will the discharge line (invert elevation) be affected when the pond fills up during a storm event before overflowing the retaining wall?
8. What is the name, address and telephone number of the person who will haul the sludge from the WWTP? Where will the contents of the sludge holding tank be disposed of? How often and from what treatment unit will the sludge be wasted?

7003 0500 0002 4411 1006

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or PO Box No. **P.O. Box 292**
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ENON OH 45323**

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