



State of Ohio Environmental Protection Agency

STREET ADDRESS:

Lazarus Government Center  
50 W. Town St., Suite 700  
Columbus, Ohio 43215

TELE: (614) 644-3020 FAX: (614) 644-3184  
www.epa.state.oh.us

MAILING ADDRESS:

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



\*1PY0000320081008\*

MIAMI

A&R RECK MHP

MILLER, JOSEPH

2008/10/08

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

Ohio EPA is an Equal Opportunity Employer



State of Ohio Environmental Protection Agency

**Southwest District Office**

401 E. Fifth St.  
Dayton, Ohio 45402

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

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

October 9, 2008

Alex Reck  
A & R Reck Mobile Home Park  
5385 Croft Mill Road  
Bradford, OH 45308

**RE: NOTICE OF VIOLATION – A & R Reck Mobile Home Park WWTP  
4220 State Route 40, Tipp City  
Compliance Evaluation Inspection, Miami County  
NPDES Permit 1PY00003\*AD/OH0133809**

Dear Mr. Reck,

On September 24, 2008, Joe Reynolds and I conducted an inspection at the A&R Reck mobile home park wastewater treatment works. This inspection was conducted to review the wastewater improvements installed under PTI 05-13650.

The following comments are based upon our review of the WWTP improvements. In addition, unresolved compliance items are noted as well.

1. Flow measurement – Flow measurement is a fundamental aspect of wastewater treatment. At the time of inspection, we were informed that flow was estimated from the master water meter. The approved PTI indicates that an hour meter on the dosing pumps is to be used to calculate flow. This method is acceptable and needs to be incorporated for reporting purposes.
2. Dosing volume – At the time of inspection, the small dosing volume to the sand filters did not effectively utilize the majority of the sand filter area. Dosing volume should be increased to effectively use the area of the sand filter.
3. Equalization Tank – The tank is not currently set up in a manner to effectively equalize flow volume. The floats need to be changed to properly reduce peaks to the wastewater treatment plant.
4. Ultraviolet disinfection – The current ultraviolet disinfection is an in-pipe system that is not readily accessible. Ultraviolet bulbs need to be cleaned on a regular basis in order to provide consistent treatment. An alteration to the installation needs to be completed to facilitate regular cleaning.
5. Operator Log Book - As required by OAC 3745-07-09, an on-site log book needs to be maintained by the wastewater operator.
6. Discharge tile – The discharge tile to which the WWTP is connected needs to be repaired to provide a reliable conveyance pipe. A dye-test conducted by the Miami County Health Department revealed that the flow from the wastewater plant breaks out to overland flow on the neighboring property.
7. Operator of Record – Submit Operator of Record form (attached).



8. NPDES permit renewal – The A & R Reck MHP NPDES permit expired on April 30, 2008. An application for renewal of this permit was due 180 days prior to expiration of this permit. Submit an application for renewal immediately.
9. Effluent Violations – Provide an explanation for the attached list of violations. Provide a description of what efforts are either planned or have been completed to prevent future violations.

Provide a response to this inspection by **October 31, 2008**, for each of the listed items. As you know, this facility has been forwarded to Ohio EPA's Legal section for enforcement action. If you have any questions, I can be reached at (937) 285-6109.

Sincerely,



Joe Miller  
Division of Surface Water  
Compliance and Enforcement

CC: Robin Reck, Wastewater Operator  
Miami County Health Department

Enclosures



## A&amp;R Reck MHP WWTP Effluent Limitation Violations December 2007 to July 2008

Reporting Period	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
December 2007	00530	Total Suspended Solids	30D Conc	12	27.	12/1/2007
December 2007	80082	CBOD 5 day	30D Conc	10	16.	12/1/2007
December 2007	00530	Total Suspended Solids	7D Conc	18	27.	12/15/2007
December 2007	80082	CBOD 5 day	7D Conc	15	16.	12/15/2007
January 2008	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	7.4	1/1/2008
January 2008	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	7.4	1/1/2008
February 2008	00530	Total Suspended Solids	30D Conc	12	15.	2/1/2008
February 2008	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	5.	2/1/2008
February 2008	80082	CBOD 5 day	30D Conc	10	15.	2/1/2008
February 2008	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	5.	2/22/2008
March 2008	00530	Total Suspended Solids	30D Conc	12	15.	3/1/2008
March 2008	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	6.1	3/1/2008
March 2008	80082	CBOD 5 day	30D Conc	10	20.	3/1/2008
March 2008	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	6.1	3/22/2008
March 2008	80082	CBOD 5 day	7D Conc	15	20.	3/22/2008
May 2008	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	2.6	5/1/2008
May 2008	31616	Fecal Coliform	30D Conc	1000	2300.	5/1/2008
May 2008	00610	Nitrogen, Ammonia (NH3)	7D Conc	1.5	2.6	5/22/2008
May 2008	31616	Fecal Coliform	7D Conc	2000	2300.	5/22/2008
June 2008	31616	Fecal Coliform	30D Conc	1000	10000.	6/1/2008
June 2008	31616	Fecal Coliform	7D Conc	2000	10000.	6/22/2008
July 2008	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	1.6	7/1/2008
July 2008	31616	Fecal Coliform	30D Conc	1000	2700.	7/1/2008
July 2008	00610	Nitrogen, Ammonia (NH3)	7D Conc	1.5	1.6	7/22/2008
July 2008	31616	Fecal Coliform	7D Conc	2000	2700.	7/22/2008

## A&amp;R Reck MHP WWTP Effluent Frequency Violations December 2007 to July 2008

Reporting Period	Reporting Code	Parameter	Sample Frequency	Expected	Reported	Violation Date
December 2007	00300	Dissolved Oxygen	1/Week	1	0	12/01/2007
December 2007	50050	Flow Rate	1/Day	1	0	12/02/2007
December 2007	50050	Flow Rate	1/Day	1	0	12/03/2007
December 2007	50050	Flow Rate	1/Day	1	0	12/04/2007
December 2007	50050	Flow Rate	1/Day	1	0	12/05/2007
December 2007	50050	Flow Rate	1/Day	1	0	12/06/2007
December 2007	50050	Flow Rate	1/Day	1	0	12/07/2007
December 2007	50050	Flow Rate	1/Day	1	0	12/08/2007
December 2007	00300	Dissolved Oxygen	1/Week	1	0	12/08/2007
December 2007	50050	Flow Rate	1/Day	1	0	12/09/2007
December 2007	50050	Flow Rate	1/Day	1	0	12/10/2007
December 2007	50050	Flow Rate	1/Day	1	0	12/11/2007
December 2007	50050	Flow Rate	1/Day	1	0	12/12/2007
December 2007	50050	Flow Rate	1/Day	1	0	12/13/2007
December 2007	50050	Flow Rate	1/Day	1	0	12/14/2007



## A&amp;R Reck MHP WWTP

October 9, 2008

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December 2007	50050	Flow Rate	1/Day	1	0	12/15/2007
December 2007	00300	Dissolved Oxygen	1/Week	1	0	12/15/2007
December 2007	50050	Flow Rate	1/Day	1	0	12/16/2007
December 2007	50050	Flow Rate	1/Day	1	0	12/17/2007
December 2007	50050	Flow Rate	1/Day	1	0	12/18/2007
December 2007	50050	Flow Rate	1/Day	1	0	12/19/2007
December 2007	50050	Flow Rate	1/Day	1	0	12/20/2007
December 2007	50050	Flow Rate	1/Day	1	0	12/21/2007
December 2007	50050	Flow Rate	1/Day	1	0	12/22/2007
December 2007	00300	Dissolved Oxygen	1/Week	1	0	12/22/2007
December 2007	50050	Flow Rate	1/Day	1	0	12/23/2007
December 2007	50050	Flow Rate	1/Day	1	0	12/24/2007
December 2007	50050	Flow Rate	1/Day	1	0	12/25/2007
December 2007	50050	Flow Rate	1/Day	1	0	12/26/2007
December 2007	50050	Flow Rate	1/Day	1	0	12/27/2007
December 2007	50050	Flow Rate	1/Day	1	0	12/28/2007
December 2007	50050	Flow Rate	1/Day	1	0	12/29/2007
December 2007	50050	Flow Rate	1/Day	1	0	12/30/2007
December 2007	50050	Flow Rate	1/Day	1	0	12/31/2007
January 2008	00300	Dissolved Oxygen	1/Week	1	0	01/01/2008
January 2008	50050	Flow Rate	1/Day	1	0	01/02/2008
January 2008	50050	Flow Rate	1/Day	1	0	01/03/2008
January 2008	50050	Flow Rate	1/Day	1	0	01/04/2008
January 2008	50050	Flow Rate	1/Day	1	0	01/05/2008
January 2008	50050	Flow Rate	1/Day	1	0	01/06/2008
January 2008	50050	Flow Rate	1/Day	1	0	01/07/2008
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January 2008	50050	Flow Rate	1/Day	1	0	01/10/2008
January 2008	50050	Flow Rate	1/Day	1	0	01/11/2008
January 2008	50050	Flow Rate	1/Day	1	0	01/12/2008
January 2008	50050	Flow Rate	1/Day	1	0	01/13/2008
January 2008	50050	Flow Rate	1/Day	1	0	01/14/2008
January 2008	50050	Flow Rate	1/Day	1	0	01/15/2008
January 2008	00300	Dissolved Oxygen	1/Week	1	0	01/15/2008
January 2008	50050	Flow Rate	1/Day	1	0	01/16/2008
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January 2008	50050	Flow Rate	1/Day	1	0	01/18/2008
January 2008	50050	Flow Rate	1/Day	1	0	01/19/2008
January 2008	50050	Flow Rate	1/Day	1	0	01/20/2008
January 2008	50050	Flow Rate	1/Day	1	0	01/21/2008
January 2008	50050	Flow Rate	1/Day	1	0	01/22/2008
January 2008	00300	Dissolved Oxygen	1/Week	1	0	01/22/2008
January 2008	50050	Flow Rate	1/Day	1	0	01/23/2008
January 2008	50050	Flow Rate	1/Day	1	0	01/24/2008
January 2008	50050	Flow Rate	1/Day	1	0	01/25/2008
January 2008	50050	Flow Rate	1/Day	1	0	01/26/2008
January 2008	50050	Flow Rate	1/Day	1	0	01/27/2008
January 2008	50050	Flow Rate	1/Day	1	0	01/28/2008
January 2008	50050	Flow Rate	1/Day	1	0	01/29/2008
January 2008	50050	Flow Rate	1/Day	1	0	01/30/2008



A&R Reck MHP WWTP

October 9, 2008

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January 2008	50050	Flow Rate	1/Day	1	0	01/31/2008
February 2008	00300	Dissolved Oxygen	1/Week	1	0	02/01/2008
February 2008	50050	Flow Rate	1/Day	1	0	02/02/2008
February 2008	50050	Flow Rate	1/Day	1	0	02/03/2008
February 2008	50050	Flow Rate	1/Day	1	0	02/04/2008
February 2008	50050	Flow Rate	1/Day	1	0	02/05/2008
February 2008	50050	Flow Rate	1/Day	1	0	02/06/2008
February 2008	50050	Flow Rate	1/Day	1	0	02/07/2008
February 2008	50050	Flow Rate	1/Day	1	0	02/08/2008
February 2008	00300	Dissolved Oxygen	1/Week	1	0	02/08/2008
February 2008	50050	Flow Rate	1/Day	1	0	02/09/2008
February 2008	50050	Flow Rate	1/Day	1	0	02/10/2008
February 2008	50050	Flow Rate	1/Day	1	0	02/11/2008
February 2008	50050	Flow Rate	1/Day	1	0	02/12/2008
February 2008	50050	Flow Rate	1/Day	1	0	02/13/2008
February 2008	50050	Flow Rate	1/Day	1	0	02/14/2008
February 2008	50050	Flow Rate	1/Day	1	0	02/15/2008
February 2008	00300	Dissolved Oxygen	1/Week	1	0	02/15/2008
February 2008	50050	Flow Rate	1/Day	1	0	02/16/2008
February 2008	50050	Flow Rate	1/Day	1	0	02/17/2008
February 2008	50050	Flow Rate	1/Day	1	0	02/18/2008
February 2008	50050	Flow Rate	1/Day	1	0	02/19/2008
February 2008	50050	Flow Rate	1/Day	1	0	02/20/2008
February 2008	50050	Flow Rate	1/Day	1	0	02/21/2008
February 2008	50050	Flow Rate	1/Day	1	0	02/22/2008
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February 2008	50050	Flow Rate	1/Day	1	0	02/23/2008
February 2008	50050	Flow Rate	1/Day	1	0	02/24/2008
February 2008	50050	Flow Rate	1/Day	1	0	02/25/2008
February 2008	50050	Flow Rate	1/Day	1	0	02/26/2008
February 2008	50050	Flow Rate	1/Day	1	0	02/27/2008
February 2008	50050	Flow Rate	1/Day	1	0	02/28/2008
February 2008	50050	Flow Rate	1/Day	1	0	02/29/2008



Permit #: 1PY00003\*AD  
 NPDES #: OH01133809

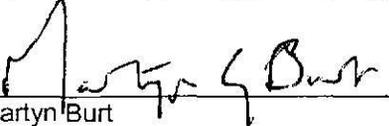


State of Ohio Environmental Protection Agency  
 Southwest District Office

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
1PY00003*AD	OH01133809	9/24/2008	C	S	2

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
A&R Reck MHP WWTP 4220 State Route 40 Tipp City, OH 45371	1:00 PM	May 1, 2003
	Exit Time	Permit Expiration Date
	3:30 PM	April 30, 2008
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Alex Reck, MHP Owner Robin Reck, WWTP operator	937-473-5995	
Name(s), Address and Title(s) of Operator of Record	Phone Number(s)	
Submit Operator of Record form		
Name, Address and Title of Responsible Official	Phone Number	
Alex Reck A&R Reck MHP Ltd. 5385 Croft Mill Road Bradford, OH 45308	937-473-5995	

Ohio EPA Inspector	Ohio EPA Reviewer
 Date: 10/9/08	 Date: 10/9/08
Joe Miller Division of Surface Water Southwest District Office	Martyn Burt Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office



Permit # : 1PY00003\*AD  
 NPDES # : OH01133809

Average Daily Design Flow:	12, 000 Gallons/Day
Plant Serves:	Mobile home park
Average Daily Flow: (Period of Review):	8,500 (December 2007 to July 2008)*
Method of flow monitoring:	*Water pump records
Type of alarms for plant:	Visual

**Pretreatment**

Type of Pretreatment: **Trash Trap**  
 Does the Trash Trap need pumped: **Yes**  
 Maintenance of pretreatment components is: **Satisfactory**

**Comments/Status:**

**Secondary Treatment  
(Aeration)**

Color of sludge: **Medium Brown**  
 Quality of Sludge: **Medium**  
 Foam: **None present**  
 Odor: **No objectionable odor present**

	Yes	No		Yes	No
Aeration is taking place	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Plant is septic	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Blowers are operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Blowers are on a timer	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	Grating is present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sludge return is operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>			

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

**Comments/Status:**

**Secondary Treatment  
(Settling)**

Clarity: **Clear**  
 Condition of Weir: **Clean**  
 Weir is level: **Yes**  
 Effluent in weir: **Light Solids**



Clarifier walls need scraped: **Unknown**

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

**Comments/Status:**

\_\_\_\_\_

**Tertiary Treatment**

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

Overall maintenance of components is: **Marginal**

Comments/Status: Dosing volume needs increased to improve sand filter usage, means to access ultraviolet disinfection for maintenance needed.

\_\_\_\_\_

**Sludge Handling/Storage Disposal**

Hauler name: Sludge not hauled  
 Disposal Site: unknown  
 Sludge wasted from: Clarifer to sludge waste tanks  
 How often is sludge wasted: has not yet been wasted  
 Sludge drying beds: **No** Sludge holding tank: **Yes**

Overall maintenance of components is: **Fair**

Comments/Status: recommend sludge judge or equivalent to determine when sludge needs to be hauled.

\_\_\_\_\_

**Plant Discharge**

Discharge point is a: **Tile**  
 Name of discharge point: **Tile to unnamed tributary of Great Miami River**  
 Discharge is visible: **No** Quality of Effluent: **Clear**

Comments/Status: Tile broken on neighboring property, needs repaired

\_\_\_\_\_





Ohio Environmental Protection Agency  
 Division of Drinking and Ground Waters  
 Operator Certification Unit

## Operator of Record (ORC) Notification Form

Ohio Environmental Protection Agency  
 Division of Drinking and Ground Waters  
 Operator Certification Unit  
 50 West Town St, Suite 700  
 P.O. Box 1049  
 Columbus, OH 43216-1049

Phone: (614) 644-2752  
 1- 866 - 411-OPCT (6728)  
 Fax: (614) 644-2909  
 email: opcert@epa.state.oh.us  
 website: www.epa.state.oh.us/ddagw/opcert.html

### I. SYSTEM INFORMATION

Name of System: \_\_\_\_\_ Phone Number: \_\_\_\_\_

PWS ID/NPDES Permit # \_\_\_\_\_ STU # \_\_\_\_\_ Classification: \_\_\_\_\_

Name of Facility Owner or Permittee, Title (Print) \_\_\_\_\_ Facility Owner or Permittee (Signature) \_\_\_\_\_

### II. SYSTEM TYPE (Check only one of the following. Use additional sheets if necessary.)

Public Water System (PWS)	Distribution System	Treatment Works	Collection System

### III. OPERATOR OF RECORD INFORMATION

Add Additional(A), New (N) or Remove(R)	Name of Operator of Record	Certification Number & Expiration Date	I verify that I am the onsite certified operator responsible for the technical operation of the above referenced facility. (Signature of certified operator)*

\* A signature by an operator of record who is being removed is not required.  
 (Attach additional sheets if necessary.)

Amount of time an ORC spends onsite at the Facility: \_\_\_\_\_

For Internal Use Only	
Reviewed by:	Date of SDWIS update:
Date of Compliance Status Letter:	

