



Environmental  
Protection Agency

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

March 15, 2012

Ms. Terri Vizedom  
Woodland Country Manor  
4166 Somerville Road  
Somerville, Ohio 45064

**Re: Butler County, Woodland Country Manor, Compliance Evaluation  
Inspection**

Dear Ms. Vizedom:

On February 27, 2012, I conducted a Compliance Evaluation Inspection at this facility (NPDES Permit No. OH0134023; OEPA Permit No. 1PX00041\*CD). Representing this facility was Terry Johnson. A copy of my inspection report is enclosed.

The inspection report contains one unsatisfactory area and two marginal areas. The Effluent/Receiving Water section was rated as unsatisfactory as a result of the significant noncompliance with the effluent limits. The Operations & Maintenance section was rated marginal as a result of the deficiencies noted with the certified operator staffing requirements. The Facility Site Review section was rated marginal as a result of the failure to provide a security fence for the WWTP.

The facility has been in significant noncompliance with the monthly ammonia limits for August and November 2011. These violations have been the result of equipment breakdowns that have not been fixed in a timely manner. The Ohio EPA is very concerned about facilities that are in significant noncompliance of their effluent limits. If substantial compliance with your effluent limits is not maintained between December 2011 and May 2012, this office will recommend that enforcement action be taken. Please take all necessary action to prevent future violations.

The areas noted in the report summary will require a written response by April 6, 2012. The response should include a description of the actions proposed to correct the violations and the dates anticipated for completion of these actions.

Ms. Terri Vizedom  
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If you have any questions, please call me at (937) 285-6096.

Sincerely,



Ned Sarle  
Environmental Specialist  
Division of Surface Water  
Permits Section

NS/ca

Enclosure

cc: Eric Gibson, Winelco, Inc.



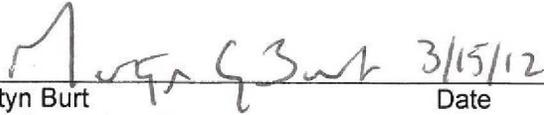
State of Ohio Environmental Protection Agency  
Southwest District Office

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
1PX00041*CD	OH0134023	2/27/2012	C	S	2

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Woodland Country Manor 4166 Sommerville Road Sommerville, Ohio 45064	9:40 A.M.	2/1/2009
	Exit Time	Permit Expiration Date
	10:20 A.M.	1/31/2014
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Terry Johnson, Maintenance	(513) 523-4449	
Name, Address and Title of Responsible Official	Phone Number	
Ms. Terri Vizedom, Owner 4166 Somerville Road Somerville, Ohio 45064	(513) 523-4449	

Section C: Areas Evaluated During Inspection					
(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)					
S	Permit	N	Flow Measurement	N	Pretreatment
S	Records/Reports	N	Laboratory	S	Compliance Schedule
M	Operations & Maintenance	U	Effluent/Receiving Waters	S	Self-Monitoring Program
M	Facility Site Review	S	Sludge Storage/Disposal	N	Other
N	Collection System				

Section D: Summary of Findings (Attach additional sheets if necessary)	
See Attached Summary of Findings / Comments.	
Inspector	Reviewer
 Ned Sarle Permit Section Division of Surface Water Southwest District Office	 Martyn Burt Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office
3/15/12 Date	3/15/12 Date

Permit #: 1PX00041\*CD  
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Average Daily Design Flow:	<b>13,000 Gallons/Day</b>
Plant Serves:	nursing home and assisted living
Average Daily Flow: (Period of Review):	<b>4000 Gallons/Day (September 2010 through December 2011)</b>
Method of flow monitoring:	<b>Surface sand filter dosing pumps</b>
Type of alarms for plant:	<b>High water alarm for flow equalization tank and dosing tank.</b>

**Pretreatment**

Type of Pretreatment: **Trash Trap**  
 Does the Trash Trap need pumped: **No**  
 Maintenance of pretreatment components is: **Good**

**Comments/Status:**

None.

**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 checked="" 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 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...**Good**

**Comments/Status:**

None.

**Secondary Treatment  
(Settling)**

Clarity: **Clear**  
 Condition of Weir: **Clean**  
 Weir is level: **Yes**

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Effluent in weir: **Clear**  
Clarifier walls need scraped: **No**

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

**Comments/Status:**

None.

**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 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"/>	Chlorination present	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UV present	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Dechlorination present	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Overall maintenance of components is: **Good**

**Comments/Status:**

None.

**Sludge Handling/Storage Disposal**

Hauler name: **MC Septic**  
Disposal Site: **Butler County LeSourdsville WWTP**  
Sludge wasted from: **Secondary clarifier sludge return line**  
How often is sludge wasted: **Weekly**  
Sludge drying beds: **No** Sludge holding tank: **Yes**

Overall maintenance of components is: **Good**

**Comments/Status:**

None.

**Plant Discharge**

Discharge point is a: **Ditch**  
Name of discharge point: **Unnamed tributary of Harkers Run**  
Discharge is visible: **Yes** Quality of Effluent: **Clear**

**Comments/Status:**

None.

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## **Summary of Findings / Comments**

### Areas Requiring a Response

A review of the Discharge Monitoring Reports (DMRs) for September 2010 through December 2011 indicated numerous permit violations. These violations are listed on Attachment I. The facility has been in significant noncompliance due to violations of the monthly ammonia limits for August and November 2011. Significant noncompliance occurred when the violations exceeded 1.4 times the monthly limit for ammonia for two months in the six month period. These violations have been the result of equipment breakdowns that have not been fixed in a timely manner. The Ohio EPA is very concerned about facilities that are in significant noncompliance of their effluent limits. If substantial compliance with your effluent limits is not maintained between December 2011 and May 2012, this office will recommend that enforcement action be taken. Please take all necessary action to prevent these violations. All future violations must continue to be reported as required by the NPDES Permit as detailed in Part III.12 titled "Noncompliance Notification."

The WWTP is required to be under the supervision of a Class A WWTP operator. The certified operator is required to be at the WWTP twice a week for a minimum of one hour. This requirement is addressed in Part II, Section A of the NPDES Permit. Currently, only operators from Winelco are listed as the Operator of Record. However, they are only at the site once a month. Terry Johnson is a Class A wastewater operator. He is at the WWTP daily for between 30 to 45 minutes. However, he is not listed as an Operator of Record for this WWTP. He must be listed as an Operator of Record so that he may satisfy the minimum staffing requirements. The form to use to add him as an Operator of Record may be found at the following web link: [http://www.epa.ohio.gov/portals/28/documents/opcert/Operator of Record Notification Form.pdf](http://www.epa.ohio.gov/portals/28/documents/opcert/Operator%20of%20Record%20Notification%20Form.pdf). Mr. Johnson is also not logging in the operator logbook his time at the WWTP. He must document in the logbook the day and times he is at the WWTP and note any maintenance he is performing. Finally, the operator logbook pages must be numbered.

A security fence must be provided for the WWTP. This fence must be provided for the whole WWTP including the surface sand filters and disinfection system.

### Areas Not Requiring a Response

The WWTP consists of a trash trap, pump station, two flow equalization tanks, four extended aeration tanks, two clarifiers, a dosing tank, two surface sand filters and ultraviolet disinfection system. A sludge holding tank is also provided. The WWTP discharge was noted as being clear and relatively free of solids.

The WWTP flow rate is estimated using the surface sand filter dosing pumps. The WWTP was designed for an average daily flow rate of 13,000 gpd and a peak daily flow

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rate of 61,000 gpd. A review of the DMRs indicated that the average daily flow rate was 4000 gpd and the peak daily flow rate was 9200.

The surface sand filters are routinely cleaned. The removed material is placed in plastic bags and disposed of at a municipal landfill.

The Ohio EPA has developed information to assist wastewater operators of small sewage treatment systems. This information may be obtained at the following web link: [http://www.epa.ohio.gov/dsw/compl\\_assist/ProcessControl.aspx](http://www.epa.ohio.gov/dsw/compl_assist/ProcessControl.aspx) . You may find this information helpful in the daily operations of your treatment plant.

Terry Johnson requested information about training that is available for the continuing education requirements. A list of approved courses may be found at the following web link:  
[http://www.epa.ohio.gov/portals/28/documents/opcert/wastewater\\_course\\_list.pdf](http://www.epa.ohio.gov/portals/28/documents/opcert/wastewater_course_list.pdf) .

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Attachment I					
Woodland Country Manor					
Effluent Violations for September 2010 through December 2011					
Reporting Period	Parameter	Limit Type	Units	Permit Limit	Reported Value
August 2011	Ammonia	Monthly	mg/l	1.0	2.1
August 2011	Ammonia	Weekly	mg/l	1.5	2.1
November 2011	TSS	Monthly	mg/l	12	15
November 2011	Ammonia	Monthly	mg/l	3.0	8.9
November 2011	Ammonia	Weekly	mg/l	4.5	8.9
November 2011	Ammonia	Monthly	kg/day	0.15	0.30
November 2011	Ammonia	Weekly	kg/day	0.22	0.30
November 2011	CBOD5	Monthly	mg/l	10	13
December 2011	TSS	Monthly	mg/l	12	25
December 2011	TSS	Weekly	mg/l	18	25
December 2011	Ammonia	Monthly	mg/l	3.0	3.1
December 2011	CBOD5	Monthly	mg/l	10	13