



Environmental
Protection Agency

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

May 22, 2012

Mr. Chris Inverso
Provider Services
16320 Kaylor Road
Danville, Ohio 43014

RE: Butler County, Golden Years Healthcare, Compliance Evaluation Inspection

Dear Mr. Inverso:

On May 11, 2012, I conducted a Compliance Evaluation Inspection at the Golden Years Healthcare facility (NPDES Permit # OH0118389; OEPA Permit # 1PT00079*DD). Representing this facility was Mike Wisecarver and Tim Poynter. A copy of my inspection report is enclosed.

The inspection report contains one "Marginal" area. The Compliance Schedule section was rated "Marginal" as a result of the failure to provide a sign at the WWTP discharge location.

The areas noted in the report summary will require a written response by June 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.

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

Sincerely,

Ned Sarle
Environmental Specialist
Division of Surface Water
Permits Section

Enclosure

cc: Mike Wisecarver, Wisecarver Environmental
Tim Poynter, Poynter Wastewater Services

NS\bp



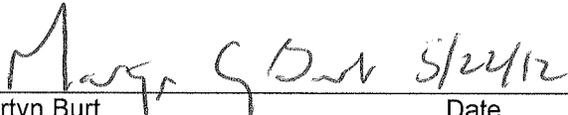
State of Ohio Environmental Protection Agency
Southwest District Office

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
1PT00079*DD	OH0118389	5/11/2012	C	S	2

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Golden Years Healthcare 2436 Old Oxford Road Hamilton, Ohio 45013	12:55 P.M.	11/1/2011
	Exit Time	Permit Expiration Date
	2:10 P.M.	10/31/2016
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Mike Wisecarver, Wisecarver Environmental Tim Poynter, Poynter's Wastewater Services	(740) 607-3978 (513) 831-1165	
Name, Address and Title of Responsible Official	Phone Number	
Chris Inverso, Property Manager Provider Services 16320 Kaylor Road Danville, Ohio 43014	(440) 477-9901	

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

Section D: Summary of Findings (Attach additional sheets if necessary)	
See Attached Summary of Findings / Comments.	
Inspector	Reviewer
 Date: 5/22/12	 Date: 5/24/12
Ned Sarle Permit Section Division of Surface Water Southwest District Office	Martyn Burt Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office

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Average Daily Design Flow:	10,500 Gallons/Day
Plant Serves:	Nursing Home
Average Daily Flow: (Period of Review):	4700 Gallons/Day (July 2011 through March 2012)
Method of flow monitoring:	Water usage records / v-notch weir and ultrasonic meter
Type of alarms for plant:	None

Pretreatment

Type of Pretreatment: **Comminutor**
Does the Trash Trap need pumped: **N/A**
Maintenance of pretreatment components is: **Good**

Comments/Status:

The grease trap provided for the kitchen.

Secondary Treatment (Aeration)

Color of sludge: **Light 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...**Good**

Comments/Status:

An anoxic tank provided before the aeration tank.

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: **Yes**

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

Comments/Status:

None.

Tertiary Treatment

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

A drum filter has been provided. Please see Attached Summary of Findings / Comments.

Sludge Handling/Storage Disposal

Hauler name: **George Septic Service**
 Disposal Site: **Butler County LeSourdsville WWTP**
 Sludge wasted from: **Excess solids are removed from the clarifier**
 How often is sludge wasted: **Once every week**
 Sludge drying beds: **No** Sludge holding tank: **Yes**

Overall maintenance of components is: **Good**

Comments/Status:

Please see Attached Summary of Findings / Comments.

Plant Discharge

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

Comments/Status:

Please see Attached Summary of Findings / Comments.

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Summary of Findings / Comments

Areas Requiring a Response

A sign is required to be provided at the WWTP discharge location. This is addressed in Part II, Section L of the NPDES Permit. This sign has not been provided. Please install this sign immediately.

The WWTP flow rate is required to be monitored by an estimate and reported daily. Allowable means for estimating flows are: 1) elapse time meters for the tertiary filter dosing pumps; 2) elapse time meters for the influent pumps; and 3) daily water usage. Until recently, the WWTP flow rate was monitored daily using a v-notch weir and ultrasonic meter. With the recent WWTP upgrades, this flow meter could not be used. The facility started using the water usage records. However, the water usage records are not available on a daily basis. As a result, the facility has been reporting 5000 gpd for each day since at least the beginning of this year. This method for estimating the daily flow rate is not acceptable. The facility must provide an acceptable method for monitoring and reporting the daily discharge flow rate.

The WWTP is required to be under the supervision of a Class A wastewater operator. Since the last inspection, the Operator of Record was changed from the Winelco operators to Tim Poynter who is a Class III wastewater operator. The required Operator of Record (ORC) Notification Form has been submitted listing Tim Poynter. However, the Winelco operators are still listed as Operator of Records for this facility. The ORC Notification Form must also be used to remove the Winelco operators as the Operator of Records for this facility.

Areas Not Requiring a Response

The WWTP consists of a comminutor, a bar rack, an anoxic tank, an aeration tank, an upflow sludge blanket filter clarifier, a drum filter and an ultraviolet disinfection system. Post aeration is provided in the dechlorination tank. A grease trap has been provided for the kitchen wastewater. An aerated sludge holding tank has also been provided.

A review of the Discharge Monitoring Reports (DMRs) for July 2011 through March 2012 indicated three NPDES Permit violations. These violations are listed on Attachment I. A new tertiary drum filter was installed in December 2011. The ultraviolet disinfection system was installed in April 2012. The WWTP upgrade appears to have returned the facility to substantial compliance with their NPDES Permit limits. All future violations must continue to be reported as required by the NPDES Permit as detailed in Part III, Section 12 titled "Noncompliance Notification."

Since the last inspection, the amount of sludge maintained in the WWTP has been significantly reduced. The solids in the aeration tank are now about a third of what they were previously. The facility also determined that six feet of sludge was in the chlorine contact tank and dechlorination tank. This sludge has also been removed from these

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tanks. Finally, the clarifier walls are also being scraped daily. As a result, the WWTP operations have improved significantly, and the clarifier effluent is much clearer.

The WWTP is designed for 10,500 gpd. A review of the DMRs for the noted period indicated the average daily flow was 4700 gpd and the peak daily flow was 11,300 gpd.

Golden Years consists of 50 individual nursing home rooms and 14 assisted living rooms.

George Septic Service hauls sludge from the WWTP. The sludge is hauled to the Butler County LeSourdsville WWTP. The 2011 annual sludge disposal report submitted on January 31, 2012 indicated that 0.4 dry tons of sludge was hauled from the WWTP. Sludge is removed from the WWTP once every two months. The kitchen grease traps are also pumped two times a year.

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Attachment I

Golden Years Nursing Center

Effluent Limit Violations for July 2011 through March 2012

Reporting Period	Parameter	Limit Type	Units	Permit Limit	Reported Value
July 2011	TSS	Monthly	mg/l	12	54
July 2011	TSS	Weekly	mg/l	18	54
August 2011	TSS	Monthly	mg/l	12	15