



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: Erie County  
Cask Villa Condominiums  
NPDES Permit

August 27, 2009

Mr. Fred Mortag, Treasurer  
Cask Villa Condominium  
Homeowners Association  
13019 West Lake Road, #2  
Vermilion, Ohio 44089

Dear Mr. Mortag:

On July 29, 2009, an inspection was made of the wastewater treatment facilities serving the condominiums. In general, both operation and maintenance appeared good. I was pleased to see both disinfection and dechlorination tablets in the tube feeders. All major treatment components were in operation and a clear final effluent was observed being discharged into Darby Creek. The surface sand filters contained weeds and need cleaned.

Monthly discharge monitoring reports are being received in a timely manner, and indicate compliance with your NPDES permit with the exception of one minor violation thus far in 2009.

I appreciate your efforts in ensuring this plant receives adequate operation and maintenance. Enclosed is our completed inspection report. If you have any questions, please feel free to call me at (419) 373-3020, or email at [rick.zuzik@epa.state.oh.us](mailto:rick.zuzik@epa.state.oh.us)

Sincerely,



Richard A. Zuzik, MSE  
Division of Surface Water

//lr

pc: Erie County Health Department  
DSW-NWDO.File

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2PR00064

Facility Name Cask Villa Condos Expiration Date: 6-30-12

Facility Address 13005 West Lake Rd Date 7-9-09 Time 1:30 am/pm (pm)

City - County Erie Township Vermilion

Name and Address of Owner Homeowner Assn. Fred Mortag, Treasurer

Person Contacted none Owner Phone (440) 452-6301

Flow: Design 8000 GPD Present unknown GPD (metered - estimated)

Trib. Pop. 33 units (actual) estimated) Weather at time of inspection: Temp 80° Clear

OEPA Personnel Rick Zuzik District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
<u>0</u>	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: Darby Creek

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
<u>0</u>	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"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

Chlorination Tablets  
 Dechlorination Tablets  
 Ultraviolet (U.V.)

Yes  No

1/1/09 - 6/28/09

4.  Compliance with NPDES Permit

Periodic Violations Y N Parameters: \_\_\_\_\_

Chronic Violations \_\_\_\_\_

5.  Adequate plant safety

6.  Operation and Maintenance Service

Name Rich Jacobs

Frequency of Visits \_\_\_\_\_

Facility Name: Cask Villa

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency
		Grease Trap	Pumping Frequency
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment	2	Plant Timer <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Cycle Time:
		Motor / Blower Unit	
Secondary Treatment		Aeration Tank	Color: <i>Med. Brown</i> Adequate Aeration Y <input checked="" type="checkbox"/> N
Final Settling	1	Clarifier	<i>Needs cleaned</i>
		Sludge Return	In <input checked="" type="checkbox"/> Out
		Surface Skimmer	In <input checked="" type="checkbox"/> Out
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	<i>Need cleaned</i>
		Polishing Pond	
		Other	
Disinfection	1	Contact Tank	<i>clear</i>
		Chlorine Tube Feeder	<i>in</i>
		Dechlorination Tube Feeder	<i>in</i>
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
		Recorder (continuous total)	
Pumps		Raw Wastewater (type)	
		Sand Filter Effluent Dosing	
Sludge Handling	1	Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	<input checked="" type="checkbox"/>	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	