



State of Ohio Environmental Protection Agency

**Northwest District Office**

347 North Dunbridge Rd.  
Bowling Green, OH 43402-9398

TELE: (419) 352-8461 FAX: (419) 352-8468  
[www.epa.state.oh.us](http://www.epa.state.oh.us)

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

Re: Erie County  
Kelleys Island Wine Company  
NPDES Permit

June 4, 2009

Kirt and Robby Zettler, Owners  
Kelleys Island Wine Company  
418 Woodford Road  
Kelleys Island, Ohio 43438

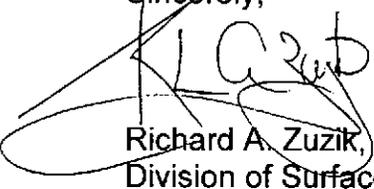
Dear Mr. and Mrs. Zettler:

On May 20, 2009, an inspection was made of the wastewater treatment facilities serving the Kelleys Island Wine Company. At the time of my visit, the plant's timer was in the "off" mode, however; a clear final effluent was observed in the chlorine contact tank.

In general, both operation and maintenance appeared good. The surface sand filters were well kept, and there were disinfection and dechlorination tablets in the tube feeder. Grass around the plant was very high and should be cut, and the fence needs to be completed.

I appreciate your support and efforts in properly operating and maintaining your facility, and I look forward to your continuing cooperation throughout the season. Enclosed is our 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  
Eastwood Environmental  
DSW-NWDO File

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2PRO00214  
 Facility Name Kelleys Island Wine Co. Expiration Date 6-30-10  
 Facility Address 718 Woodford Rd Date 5-10-09 Time 1:30 am  pm  
 City Kelleys Island County Erie Township -  
 Name and Address of Owner Kirt Zettler  
 Person Contacted Kirt Owner Phone (419) 746-2678  
 Flow: Design 4000 GPD Present unknown GPD (metered - estimated)  
 Trib. Pop. 100 indoor, outdoor tables (actual - estimated) Weather at time of inspection: Temp 80° Clear  
 OEPA Personnel BICK ZUZIK District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
<input checked="" type="radio"/> 0	None		Clear		None		Colorless
<input type="radio"/> 1	Mild						
<input type="radio"/> 2	Moderate		Light Solids		Musty		Grey
<input type="radio"/> 3	Serious						
<input type="radio"/> 4	Extreme		Heavy Solids		Septic		Black

2. Effect of effluent on Receiving Stream Name: Lake Erie - NOT OBSERVED

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
<input type="radio"/> 0	None		Clear		None		Colorless
<input type="radio"/> 1	Mild						
<input type="radio"/> 2	Moderate		Light Solids		Musty		Grey
<input type="radio"/> 3	Serious						
<input type="radio"/> 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:

Disinfection: (Required May 1 thru Oct 31)

IN	OUT	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chlorination Tablets
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Dechlorination Tablets
<input type="checkbox"/>	<input type="checkbox"/>	Ultraviolet (U.V.)

- (1) \_\_\_\_\_ hydraulic overload  
 (2) \_\_\_\_\_ organic/solids overload  
 (3) \_\_\_\_\_ personnel inefficiency  
 (4) \_\_\_\_\_ equipment failure  
 (5) \_\_\_\_\_ wastes  
 (6) \_\_\_\_\_

Yes No NOT EVALUATED

4. \_\_\_\_\_ Compliance with NPDES Permit  
 Periodic Violations Y N Parameters: \_\_\_\_\_  
 Chronic Violations \_\_\_\_\_  
 5.  Adequate plant safety fence not completed  
 6.  Operation and Maintenance Service Name Eastwood Envi  
 Frequency of Visits 1/yr

Facility Name: KI Wine Co.

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