



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](http://www.epa.state.oh.us)

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

Re: Erie County  
Kelleys Island Wine Co.  
NPDES Permit

August 3, 2009

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

Dear Mr. and Mrs. Zettler:

On July 7, 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. Monthly discharge monitoring reports are being received in a timely manner, and thus far in 2009 NPDES permit violations have been reported for the month of June. A copy is enclosed for your reference.

I appreciate your support and efforts in properly operating and maintaining your facility, and look forward to your continuing cooperation throughout the season. Enclosed is our inspection report. If you have any questions, please 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

/csl

pc: Erie Co. 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. 2PR000214  
 Facility Name Kelley's Island Wine Co. Expiration Date: 6-30-10  
 Facility Address 418 Woodford Rd. Date 7-7-09 Time 2<sup>30</sup> am  pm  
 City Kelley's 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 Rick Zuzik District NWDO

1. Plant Effluent - Mark Severity No.

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

Chronic Violations

5.  Adequate plant safety

6.  Operation and Maintenance Service

Name Eastwood Env.

Frequency of Visits 1/wk

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	
Aeration Equipment		Plant Timer <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<i>IN</i> Cycle Time: "off" <i>ATOV</i>
		Motor / Blower Unit	
Secondary Treatment	1	Aeration Tank	Color: Adequate Aeration Y <input type="checkbox"/> N <input type="checkbox"/>
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	
	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	
		Spray Irrigation	
		Other	

1/1/09 - 6/28/09

Get New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PR00214*AD	June 2009	001	00530	Total Suspended Solids	30D Conc	12	20.	6/1/2009
2PR00214*AD	June 2009	001	80082	CBOD 5 day	30D Conc	10	17.	6/1/2009
2PR00214*AD	June 2009	001	00530	Total Suspended Solids	1D Conc	18	28.	6/17/2009
2PR00214*AD	June 2009	001	80082	CBOD 5 day	1D Conc	15	20.	6/17/2009