



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

Re: Erie County
Kelleys Island Wine Company
NPDES Permit

October 15, 2012

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

Dear Mr. and Mrs. Zettler:

On September 5, 2012, an inspection was made of the wastewater treatment facilities serving the Kelleys Island Wine Company. At the time of my visit, all treatment components were in operation, and a very 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 disinfection and dechlorination tablets were in place.

National Pollutant Discharge Elimination System (NPDES) discharge monitoring reports are being received in a timely manner. A review for this season indicated periodic effluent violations, primarily in May. A copy of the violations is enclosed to review with your operator.

I appreciate your support in ensuring this facility receives proper operation and maintenance and I look forward to your continuing cooperation next year. 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.

Sincerely,

Richard A. Zuzik, MSE
Division of Surface Water

/jlm

Enclosures

pc: Erie County Health Department
Eastwood Environmental
ec: Tracking

OHIO ENVIRONMENTAL PROTECTION AGENCY
 OPERATION AND MAINTENANCE INSPECTION
 WWTP'S LESS THAN 150,000 GPD

NPDES Permit No. 2PRO0214
 Facility Name K I Wine Co. Expiration Date 7-31-15
 Facility Location 418 Woodford Rd Date 9-5-12 Time 1145 (am/pm)
 City Kelleys Island County Erie Township _____
 Name of Owner Kirt Zettler Owner Phone (419) 746-2678
 Person Contacted _____ Operator of Record Eastwood Env.
 Flow: Design 4000 GPD WWTP Classification: A or I
 Trib. Pop. 100 indoor/outdoor (actual - estimated) Weather at time of inspection: Temp 80 ° Clear
 OEPA Personnel Rick Zuzik District NWDO

1. Plant Effluent - Mark Severity No. In contact tank

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

2. Effect of Effluent on Receiving Stream - Name: _____

<input checked="" type="checkbox"/>	None	<input type="checkbox"/>	Mild	<input type="checkbox"/>	Moderate	<input type="checkbox"/>	Serious
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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- N/A

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"/>	_____ Chlorination Tablets
_____	_____ Dechlorination Tablets
_____	_____ Ultraviolet (U.V.)

Yes No

4. Compliance with NPDES Permit - Time Period: 11-12 to 9-28-12

Periodic Violations Y N Parameters: _____

Chronic Violations _____

5. O & M logbook kept and available on site: Location PVC pipe enclosure

6. Staffing Requirement Met (Class A - 2 days per week for minimum 1 hour per week)
 (Class I - 3 days per week for minimum 1.5 hours per week)

7. Adequate Plant Safety: Deficiencies _____

Facility Name: KI Wine Co

Process	# Units	Unit	If Needed -- Description and Comments
Preliminary	/	Trash Trap	Pumping Frequency
		Grease Trap	Pumping Frequency
		Bar Screen	
		Comminutor	
	/	Flow Equalization	<i>IN</i>
Aeration Equipment		Plant Timer <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Cycle Time:
	2	Motor / Blower Unit	
Secondary Treatment	/	Aeration Tank	Color: <i>Med. Brown</i> Adequate Aeration <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Final Settling	/	Clarifier	<i>SOME Bulking Solids</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>Well Kept</i>
		Polishing Pond	
		Other	
Disinfection	/	Contact Tank	<i>Very 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)	
	2	Sand Filter Effluent Dosing	
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal		Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	/	Post Aeration	<i>IN</i>
		Spray Irrigation	
		Other	

Get New Data								
Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PR00214*BD	May 2012	001	00530	Total Suspended Solids	30D Conc	12.0	32.	5/1/2012
2PR00214*BD	May 2012	001	00530	Total Suspended Solids	7D Conc	18.0	62.	5/1/2012
2PR00214*BD	May 2012	001	00530	Total Suspended Solids	30D Qty	0.18	.35201	5/1/2012
2PR00214*BD	May 2012	001	00530	Total Suspended Solids	7D Qty	0.27	.35201	5/1/2012
2PR00214*BD	May 2012	001	80082	CBOD 5 day	30D Conc	10.0	15.	5/1/2012
2PR00214*BD	May 2012	001	80082	CBOD 5 day	7D Conc	15.0	24.	5/1/2012
2PR00214*BD	August 2012	001	31616	Fecal Coliform	30D Conc	126	950.	8/1/2012
2PR00214*BD	August 2012	001	31616	Fecal Coliform	7D Conc	284	950.	8/1/2012