



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

Re: Erie County
Kelleys Island Wine Company
NPDES Permit

July 5, 2013

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

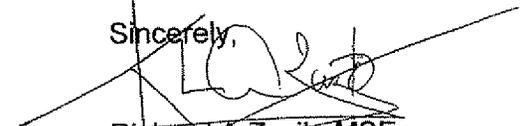
Dear Mr. and Mrs. Zettler:

On June 20, 2013, an inspection was made of the wastewater treatment facilities serving the Kelleys Island Wine Company. This was my first inspection under Franklin Sanitation, your new contract operator. 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) permit discharge monitoring reports (DMRs) are being received in a timely manner and a review of last year indicated effluent violations in the month of May, and compliance for the remainder of 2012, and compliance thus far this year. We discovered an error in the NPDES permit with regard to bacteria monitoring. You should have received a notification informing you of a revision to the NPDES permit regarding a change in type of bacteria to analyze for from Fecal Coliform to E. coli. We apologize for the error as it did cause some confusion and invalid violations during last season.

Enclosed is my completed inspection report and list of violations to review with the new operator. I will be making additional visits during the summer season to observe the plant under midseason operating conditions. I appreciate your support and look forward to your continuing cooperation throughout the season. If you have any questions, please call me at (419) 373-3020, or email at rick.zuzik@epa.ohio.gov.

Sincerely,



Richard A. Zuzik, MSE
Division of Surface Water

/jlm
Enclosures
pc: Erie County Health Department
Franklin Sanitation
ec: Tracking

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	7D Conc	18.0	62.	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	00530	Total Suspended Solids	30D Conc	12.0	32.	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	80082	CBOD 5 day	7D Conc	15.0	24.	5/1/2012
2PR00214*BD	May 2012	001	80082	CBOD 5 day	30D Conc	10.0	15.	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
2PR00214*BD	October 2012	001	31616	Fecal Coliform	7D Conc	284	400.	10/1/2012
2PR00214*BD	October 2012	001	31616	Fecal Coliform	30D Conc	126	140.	10/1/2012

INVALID

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

NPDES Permit No. 2PR00214

Facility Name KI Wine Co. Expiration Date 7-31-15

Facility Location 418 Woodford Rd Date 6-20-13 Time 11:00 am / pm

City Kelleys Island County Crie Township _____

Name of Owner Kirt Zettler Owner Phone (419) 746-2678

Person Contacted Kirt Operator of Record Franklin Sanitation

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.

No.	Severity Description	Turbidity	Odor	Color
<u>0</u>	None	Clear	None	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: L. Erie

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

Yes No

4. Compliance with NPDES Permit - Time Period: 1/12 to 6/13

Periodic Violations Y N Parameters: TSS, CBOD5,
 Chronic Violations _____

5. O & M logbook kept and available on site: Location Blower Housing

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

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	Cycle Time:
	2	Motor / Blower Unit	
Secondary Treatment	1	Aeration Tank	Color: <i>light brown</i> Adequate Aeration Y <input checked="" type="checkbox"/> N
Final Settling	1	Clarifier	<i>Some bulking solids</i>
	1	Sludge Return	In / Out
	1	Surface Skimmer	In / Out
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	<i>Well kept</i>
		Polishing Pond	
		Other	
Disinfection	1	Contact Tank	<i>clear</i>
	1	Chlorine Tube Feeder	
	1	Dechlorination Tube Feeder	
	1	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 PDTW	
		Landfill	
		Land Application	
Advanced Treatment	<input checked="" type="checkbox"/>	Post Aeration	IN
		Spray Irrigation	
		Other	