



**Environmental
Protection Agency**

Ted Strickland, Governor
Lee Fisher, Lt. Governor
Chris Korleski, Director

Re: Erie County
Kelleys Island
Kelleys Island Seaway Marina
NPDES Permit

October 5, 2010

Mr. Jim Palladino, Owner
Kelleys Island Seaway Marina
P. O. Box 326
Kelleys Island, Ohio 43438

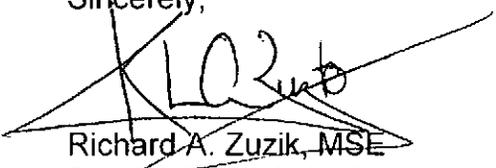
Dear Mr. Palladino:

On September 21, 2010, an inspection was made of the sewerage facilities serving Seaway Marina. In general, both operation and maintenance appeared very good. At the time of my visit, all treatment components were in operation, and a clear final effluent was observed in the contact tank. I was pleased to see disinfection and dechlorination tablets in place for the new season.

NPDES permit discharge monitoring reports are being received and some minor violations have been reported this season.

I appreciate your support in ensuring adequate operation and maintenance is provided, and I look forward to your continuing cooperation throughout the season. Our inspection report is enclosed. 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

/llr

pc: Erie County Health Department
Eastwood Environmental
DSW-NWDO File/white

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2PR00084

Facility Name KI Seaway Marina Expiration Date 5-31-11

Facility Address E. Lake Shore Dr. Date 9-21-10 Time 10:30 am / pm

City Kelleys Island County Erie Township -

Name and Address of Owner Capital Control, P.O. Box 749, KI

Person Contacted - Owner Phone -

Flow: Design 18,000 GPD Present - GPD (metered - estimated)

Trib. Pop. Marina, food service (actual - estimated) Weather at time of inspection: Temp 75° 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	<u>/</u>	Clear	<u>/</u>	None	<u>/</u>	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

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

3. a. Plant has excellent / good excellent / fair excellent / poor operation
 b. Plant has excellent / good excellent / fair excellent / poor maintenance
 c. Sand filters have excellent / good excellent / fair excellent / 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
<u>/</u>	<u>/</u>

Chlorination Tablets
 Dechlorination Tablets
 Ultraviolet (U.V.)

Yes No (5/10 - 8/10)

4. / Compliance with NPDES Permit

Periodic Violations Y N Parameters: Ammonia, TSS

Chronic Violations -

5. / Adequate plant safety

6. / Operation and Maintenance Service

Name Costwood Env.

Frequency of Visits 1/wk

Facility Name: KI Marina

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency
	1	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	2	Aeration Tank	Color: <i>Brown</i> Adequate Aeration <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Final Settling	2	Clarifier	<i>good settling</i>
	2	Sludge Return	In <input checked="" type="checkbox"/> Out
	2	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	1	Contact Tank	<i>Very clear</i>
	1	Chlorine Tube Feeder	IN
	1	Dechlorination Tube Feeder	IN
	1	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	<input checked="" type="checkbox"/>	Post Aeration	IN
		Spray Irrigation	
		Other	