



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

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

Re: Erie County
Kelleys Island
Kelleys Island Seaway Marina
Sewerage

August 19, 2008

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

Dear Mr. Palladino:

On July 31, 2008, an initial inspection was made of the recently installed replacement sewerage facilities serving Seaway Marina. Goober, of your maintenance staff, was also present. The plant has been in operation for approximately one month. In general, both operation and maintenance appeared very good. At the time of my visit, a very clear final effluent was observed being discharged from the plant.

I would like to take this opportunity to thank you for efforts to bring this project to fruition. With proper operation and maintenance the new treatment plant should produce a high quality final effluent for many years, and enhance local water quality around the Island. I look forward to your continuing cooperation in the future.

Please find enclosed 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.

Sincerely,

Richard A. Zuzik, MSE
Division of Surface Water

/llr

pc: Erie County Health Department
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 _____

Facility Address 240 E. Lakeshore Drive Date 7-31-08 Time 2⁰⁰ am (pm)

City Kelleys Island County Erie Township -

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

Person Contacted Ted Klonaris, Goeber Owner Phone (419) 746-2506

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

Trib. Pop. Marina Complex (actual - estimated) Weather at time of inspection: Temp 85° 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	<input checked="" type="checkbox"/>	Clear	<input checked="" type="checkbox"/>	None	<input checked="" type="checkbox"/>	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	<input checked="" type="checkbox"/>	Clear	<input checked="" type="checkbox"/>	None	<input checked="" type="checkbox"/>	Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
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:

- (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> _____	_____ Chlorination Tablets
<u>✓</u> _____	_____ Dechlorination Tablets
_____	_____ Ultraviolet (U.V.)

Yes No

4. ✓ _____ Compliance with NPDES Permit

Periodic Violations Y N Parameters: _____

Chronic Violations _____

5. ✓ _____ Adequate plant safety

6. ✓ _____ Operation and Maintenance Service

Name Eastwood Environmental

Frequency of Visits 1/wk

Facility Name: Seaway 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	10
Aeration Equipment		Plant Timer ___Y ___N	Cycle Time:
	2	Motor / Blower Unit	
Secondary Treatment	2	Aeration Tank	Color: <i>light brown</i> Adequate Aeration Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Final Settling		Clarifier	
	2	Sludge Return	In <input checked="" type="checkbox"/> Out <input type="checkbox"/>
	2	Surface Skimmer	In <input checked="" type="checkbox"/> Out <input type="checkbox"/>
		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	1	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	
		Spray Irrigation	
		Other	