



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

Re: Erie County
Kelleys Island
Quarry Condominiums
NPDES Permit

October 15, 2012

Mr. Wayne Neuman, President
Quarry Condominium Association
111 West Lakeshore Drive
Kelleys Island, Ohio 43438

Dear Mr. Neuman:

On September 5, 2012, an inspection was made of the wastewater treatment facilities serving the condominiums: Captain's Corner, Portside Marina, and Casino. In general, both operation and maintenance were good. At the time of my visit, all major treatment components were in operation and a clear final effluent was observed in the contact tank.

The sand filter renovation project has had a positive effect on operations. Disinfection and dechlorination tablets were in place. There was very heavy weed growth around the plant that needs to be cut.

National Pollutant Discharge Elimination System (NPDES) discharge monitoring reports are being received in a timely manner. A review of this year indicated compliance with the exception of two bacteria effluent violations thus far this season.

Your NPDES permit now includes reference to operator certification rules that require visits three days/week for a minimum of one and a half hours/week. Documentation of visits and maintenance in the form of a logbook must be kept on-site for Ohio EPA review. This requirement is being met.

My 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

/jim

Enclosure

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. 2PR00082

Facility Name Quarry Condominiums Expiration Date 11-30-15
 Facility Location 111 W. Lakeshore Date 9-5-12 Time 1:15 am pm
 City Kelleys Island County Erie Township _____
 Name of Owner COA, Wayne Neuman, Pres Owner Phone (419) 557-1199
 Person Contacted _____ Operator of Record Eastwood Env.
 Flow: Design 29,000 GPD WWTP Classification: A or I
 Trib. Pop. Condos, Portside, Capt. Corner (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 type="checkbox"/>	Dechlorination Tablets
<input type="checkbox"/>	Ultraviolet (U.V.)

Yes No

4. Compliance with NPDES Permit - Time Period: 1-1-12 to 8-28-12

Periodic Violations Y N Parameters: Bacteria
 Chronic Violations _____

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

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 Very high weed growth

Facility Name: Quarry Condos

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency
	3	Grease Trap	Pumping Frequency
		Bar Screen	
		Comminutor	
	1	Flow Equalization / Flow Splitter	IN
Aeration Equipment		Plant Timer <u>Y</u> <u>N</u>	Cycle Time:
		Motor / Blower Unit	
Secondary Treatment		Aeration Tank	Color: <u>Brown</u> Adequate Aeration <u>Y</u> <u>N</u>
Final Settling 3 plants		Clarifier	
		Sludge Return	In / Out
		Surface Skimmer	In / Out
	1	Fixed Media Clarifier	IN
Tertiary Treatment	2	Surface Sand Filter	OK recently rebuilt
		Polishing Pond	
		Other	
Disinfection	1	Contact Tank	clear
	1	Chlorine Tube Feeder	IN
	1	Dechlorination Tube Feeder	IN
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
		Recorder (continuous total)	
Pumps	2	Raw Wastewater (type)	
	2	Sand Filter Effluent Dosing	
Sludge Handling	3	Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal		Municipal PDTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	IN
		Spray irrigation	
		Other	