



**Environmental
Protection Agency**

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

Re: Erie County
Kelleys Island
Quarry Condominiums
NPDES Permit

August 18, 2010

Mr. Wayne Neuman, President
Quarry Condominium Association
111 W. Lakeshore Drive
Kelleys Island, OH 43438

Dear Mr. Neuman:

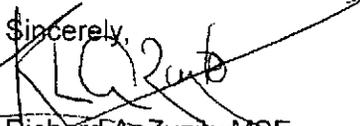
On July 21, 2010, an inspection was made of the wastewater treatment facilities serving the condominiums, Captain's Corner, Portside Marina, and Casino. In general, both operation and maintenance appeared only fair.

At the time of my visit, only two of the treatment plants were operating due to reduced flows this season. I remain concerned over the condition of the original plant, which due to piping issues has been identified as the root of chronic NPDES violations for effluent ammonia. Rebuilding the sand filters, which are short circuiting disinfection directly to groundwater, also remains an outstanding issue.

Your NPDES permit renewal has been drafted, and it contains a 12 month schedule of compliance to address these issues. You will be receiving a copy of the permit renewal. You should review it carefully, as there is a 30 day comment period to respond to any permit conditions. Once issued as a final document, it will remain in effect for another five year period.

Please find enclosed 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

/lb

pc: Erie County Health Dept.
Eastwood Environmental
~~File/White~~

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2PR 00082

Facility Name Quarry Condo's Expiration Date 9-31-10

Facility Address 111. W. Lakeshore Date 7-21-10 Time 12:05 am pm

City Kelleys Island County Erie Township -

Name and Address of Owner Condo Assn, Wayne Newman, Pres

Person Contacted none Owner Phone (419) 557-1199

Flow: Design 29,000 GPD Present GPD (metered - estimated)

Trib. Pop. (actual - estimated) Weather at time of inspection: Temp 90° Clear

OEPA Personnel Rick Zuzik District NWDO

1. Plant Effluent - Mark Severity No. - Short Circuiting Contact Tank

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	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:

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None		Clear		None		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>	<u> </u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>
	Chlorination Tablets
	Dechlorination Tablets
	Ultraviolet (U.V.)

Yes No - - Renewal Drafted

4. Compliance with NPDES Permit
 Periodic Violations Y N Parameters:
 Chronic Violations Ammonia

5. Adequate plant safety
 6. Operation and Maintenance Service Name Eastwood Enc
 Frequency of Visits 1/week

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	IN
Aeration Equipment		Plant Timer <input type="checkbox"/> Y <input type="checkbox"/> N	Cycle Time:
		Motor / Blower Unit	
Secondary Treatment		Aeration Tank	Color: Adequate Aeration Y <input type="checkbox"/> N <input type="checkbox"/>
Final Settling 3 plants Newest - out	1	Clarifier	
		Sludge Return	In <input type="checkbox"/> Out <input type="checkbox"/>
		Surface Skimmer	In <input type="checkbox"/> Out <input type="checkbox"/>
		Fixed Media Clarifier	IN
Tertiary Treatment	2	Surface Sand Filter	weeded short circuiting disinfection
		Polishing Pond	
		Other	
Disinfection	1	Contact Tank	
	1	Chlorine Tube Feeder	IN
	1	Dechlorination Tube Feeder	IN
	1	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 POTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	