Ohio Environmental Protection Agency
John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

November 30, 2011

Re: Jefferson County
Granatir Apartment MHP
Compliance Evaluation Inspection
Ohio EPA Permit 0PW00011*GD
NPDES Permit OH0076643
Correspondence (PWW)

Mr. Andrew Granatir, Owner
943 Efts Lane
Wintersville, Ohio 49953

Dear Mr. Granatir:

On November 9, 2011, I conducted a compliance evaluation inspection at the Granatir Apartments wastewater treatment plant. Operator Walt Kubat was present during the inspection.

We have received self-monitoring reports covering the months of April 2011 through September 2011 for the referenced facility. Our review indicated the following violations of the conditions of your NPDES permit.

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00530	Total Suspended Solids	30D Conc	12	15.	4/1/2011
001	80082	CBOD 5 day	30D Conc	10	11.3	4/1/2011
001	00300	Dissolved Oxygen	1D Conc	5.0	4.8	4/1/2011
001	00300	Dissolved Oxygen	1D Conc	5.0	4.2	4/8/2011
001	00300	Dissolved Oxygen	1D Conc	5.0	4.9	4/15/2011
001	00300	Dissolved Oxygen	1D Conc	5.0	4.1	4/22/2011
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	2.0	4.3	5/1/2011
001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.05	.0651	5/1/2011
001	00610	Nitrogen, Ammonia (NH3)	1D Conc	3.0	4.3	5/19/2011
001	00300	Dissolved Oxygen	1D Conc	5.0	4.2	5/27/2011
001	00530	Total Suspended Solids	30D Conc	12	14.	6/1/2011
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	2.0	2.1	6/1/2011
001	00300	Dissolved Oxygen	1D Conc	5.0	4.7	6/3/2011
001	00300	Dissolved Oxygen	1D Conc	5.0	4.5	8/19/2011
001	00530	Total Suspended Solids	30D Conc	12	16.	9/1/2011
001	00530	Total Suspended Solids	30D Qty	0.27	.3028	9/1/2011
001	00300	Dissolved Oxygen	1D Conc	5.0	3.5	9/2/2011

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2195 Front Street
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The vast majority of violations are with effluent Dissolved Oxygen (D.O.) concentrations. I have two thoughts on corrections for these violations. I believe the D.O. is metered once Walt returns to the County plant. The elapsed time may show a depletion of D.O. that would not be representative of the effluent. Using a portable D.O. meter may resolve the D.O. compliance issues. The second thought is post-aeration could be provided earlier in the spring at a point prior to discharge. The ammonia violations may be corrected for by wasting sludge earlier in the spring prior to the limits becoming effective in May of each year. The plant seems to get good nitrification(ammonia conversion) for periods of time.

The effluent travels down a long slope before confluence with the receiving stream. The effluent would receive extensive reoxygenation along this course.

The 30 day concentration and loading limit violations may be avoidable with additional testing performed and reported each month. The permit only requires one sample to be reported each month for ammonia and TSS, etc. Often times the one sample that is reported is slightly above the monthly limit. A second, third, etc. sample would be averaged with the first sample to determine if compliance was achieved with the monthly limit.

The deteriorating condition of the steel framed plant has been brought to your attention in previous correspondence.

A copy of the inspection report is enclosed. The assistance and cooperation received during the inspection was appreciated. If you have any questions, please feel free to contact me at (740) 380-5272.

Sincerely,

Aaron Pennington
District Representative
Division of Surface Water

AMP/dh

Enclosure

c: Walt Kubat, Wastewater Solutions of Ohio, LLC

NPDES
Compliance Inspection Report

A. NATIONAL DATA SYSTEM CODING

Permit No.	NPDES No.	Date	Inspection Type	Inspector	Facility Type
0PW00011*GD	OH0076643	November 9, 2011	C	S	1

B. FACILITY DATA

Name & Location of Facility Inspected	Entry Time	Permit Effective Date
Granatir Apartments WWTP Goulds Road Steubenville, Ohio 43952	11:30 a.m.	August 1, 2009
	Exit Time	**Permit Expiration Date**
	11:45 a.m.	July 31, 2014

Name(s) & Title(s) of On-Site Representative(s)	Phone Number(s)
Walt Kubat, Operator, Wastewater Solutions of Ohio, LLC	(740) 275-1570
Name, Address, & Title of Responsible Official	**Phone Number**
Andy Granatir, Owner	

C. AREAS EVALUATED DURING INSPECTION

S	Permit	S	Flow Measurement	N/A	Pretreatment
S	Records/Reports	S	Laboratory	N/A	Compliance Schedules
S	Operations & Maintenance	S	Effluent/Receiving Waters	S	Self-Monitoring Program
M	Facility Site Review	N/A	Sludge Storage/Disposal		Other
S	Collection System				

(S = Satisfactory; M = Marginal; U = Unsatisfactory; N = Not Evaluated; N/A = Not Applicable)

D. SUMMARY OF FINDINGS/COMMENTS (attach additional sheets if necessary)

See attached cover letter.

Aaron M. Pennington, Inspector, Ohio EPA, Southeast District Office — Date: 11-29-11

Jennifer M. Witte, Reviewer, Ohio EPA, Southeast District Office — Date: 11/30/11