



**Environmental
Protection Agency**

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

July 2, 2010

RE: TRUMBULL COUNTY
BRACEVILLE TOWNSHIP
ARHAVEN ESTATES MOBILE HOME PARK
NPDES PERMIT NO. OH0107484
OHIO EPA PERMIT NO. 3PV00064

Mr. Anthony Casale, President
Casan Ltd./Arhaven Estates Mobile Home Park
211 Arhaven Drive
Newton Falls, Ohio 44444

Dear Mr. Casale:

On June 16, 2010, this office conducted an Operation and Maintenance Inspection of the wastewater treatment plant serving the Arhaven Estates Mobile Home Park. In attendance was Mr. Doug Stiffler. The purpose of the inspection was to evaluate the facility's compliance with the terms and conditions of the above-referenced National Pollutant Discharge Elimination System (NPDES) permit.

The current 17,500 gallon/day treatment system, designed to serve 100 lots, consists of a flow equalization basin, extended aeration activated sludge "package" plant, final settling tank, slow surface sand filtration, sludge holding, and chlorination/ dechlorination.

At the time of the inspection, the following observations, findings, and/or comments were noted:

1. The operational performance of the treatment was found to be marginal at best. Visual evidence was present to indicate that the plant had recently overflowed onto the ground surface. However, no notification was made to Ohio EPA regarding this incident as required by the NPDES permit.
2. The NPDES permit requires that flow rate be measured "Continuously". As such, the facility **SHALL** ensure that the flow meter is either repaired or replaced within 60 days of receipt of this letter.
3. In accordance with Ohio Administrative Code (OAC) 3745-7, the facility must provide written notice regarding the name and certification of the designated operator(s) of record for the facility. Please complete the enclosed Operator of Record (ORC) Notification Form and return it to the specified address within 30 days of receipt of this letter.

A review of the facility's Discharge Monitoring Reports (EPA Form 4500) received by Ohio EPA for the period, October 2008 – May 2010, indicates violations of the terms and conditions of the NPDES permit. The specific instances of noncompliance are as follows:

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Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
November 2008	001	Total Suspended Solids	30D Conc	30	39.	11/1/2008
November 2008	001	Total Suspended Solids	30D Qty	2.0	2.50946	11/1/2008
July 2009	001	Dissolved Oxygen	1D Conc	5.0	3.5	7/16/2009
July 2009	001	Dissolved Oxygen	1D Conc	5.0	2.3	7/22/2009
May 2009	001	Total Suspended Solids	1D Conc	45	80.	5/5/2009
May 2009	001	Total Suspended Solids	30D Conc	30	41.	5/1/2009
May 2009	001	Total Suspended Solids	1D Qty	3.0	5.1476	5/5/2009
May 2009	001	Total Suspended Solids	30D Qty	2.0	2.63815	5/1/2009
May 2009	001	Dissolved Oxygen	1D Conc	5.0	4.7	5/26/2009
September 2009	001	Dissolved Oxygen	1D Conc	5.0	4.9	9/17/2009
June 2009	001	Dissolved Oxygen	1D Conc	5.0	4.3	6/4/2009

Reporting Period	Station	Parameter	Sample Frequency	Expected	Reported	Violation Date
November 2009	001	Color, Severity	1/Day	1	0	11/18/2009
November 2009	001	Odor, Severity	1/Day	1	0	11/18/2009
November 2009	001	Turbidity, Severity	1/Day	1	0	11/18/2009
November 2009	001	Color, Severity	1/Day	1	0	11/19/2009
November 2009	001	Odor, Severity	1/Day	1	0	11/19/2009
November 2009	001	Turbidity, Severity	1/Day	1	0	11/19/2009
November 2009	001	Color, Severity	1/Day	1	0	11/25/2009
November 2009	001	Odor, Severity	1/Day	1	0	11/25/2009
November 2009	001	Turbidity, Severity	1/Day	1	0	11/25/2009
December 2009	001	Color, Severity	1/Day	1	0	12/04/2009
December 2009	001	Odor, Severity	1/Day	1	0	12/04/2009
December 2009	001	Turbidity, Severity	1/Day	1	0	12/04/2009
December 2009	001	Color, Severity	1/Day	1	0	12/10/2009
December 2009	001	Odor, Severity	1/Day	1	0	12/10/2009
December 2009	001	Turbidity, Severity	1/Day	1	0	12/10/2009
December 2009	001	Color, Severity	1/Day	1	0	12/14/2009
December 2009	001	Odor, Severity	1/Day	1	0	12/14/2009
December 2009	001	Turbidity, Severity	1/Day	1	0	12/14/2009
December 2009	001	Color, Severity	1/Day	1	0	12/17/2009
December 2009	001	Odor, Severity	1/Day	1	0	12/17/2009
December 2009	001	Turbidity, Severity	1/Day	1	0	12/17/2009
December 2009	001	Color, Severity	1/Day	1	0	12/24/2009
December 2009	001	Odor, Severity	1/Day	1	0	12/24/2009
December 2009	001	Turbidity, Severity	1/Day	1	0	12/24/2009
December 2009	001	Color, Severity	1/Day	1	0	12/29/2009
December 2009	001	Odor, Severity	1/Day	1	0	12/29/2009
December 2009	001	Turbidity, Severity	1/Day	1	0	12/29/2009
February 2010	001	Color, Severity	1/Day	1	0	02/01/2010
February 2010	001	Odor, Severity	1/Day	1	0	02/01/2010

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Reporting Period	Station	Parameter	Sample Frequency	Expected	Reported	Violation Date
February 2010	001	Turbidity, Severity	1/Day	1	0	02/01/2010
February 2010	001	Color, Severity	1/Day	1	0	02/10/2010
February 2010	001	Odor, Severity	1/Day	1	0	02/10/2010
February 2010	001	Turbidity, Severity	1/Day	1	0	02/10/2010
February 2010	001	Color, Severity	1/Day	1	0	02/17/2010
February 2010	001	Odor, Severity	1/Day	1	0	02/17/2010
February 2010	001	Turbidity, Severity	1/Day	1	0	02/17/2010
February 2010	001	Color, Severity	1/Day	1	0	02/18/2010
February 2010	001	Odor, Severity	1/Day	1	0	02/18/2010
February 2010	001	Turbidity, Severity	1/Day	1	0	02/18/2010
March 2010	001	Color, Severity	1/Day	1	0	03/04/2010
March 2010	001	Odor, Severity	1/Day	1	0	03/04/2010
March 2010	001	Turbidity, Severity	1/Day	1	0	03/04/2010
March 2010	001	Color, Severity	1/Day	1	0	03/25/2010
March 2010	001	Odor, Severity	1/Day	1	0	03/25/2010
March 2010	001	Turbidity, Severity	1/Day	1	0	03/25/2010

Please be advised that failure to comply with the terms and conditions of your NPDES permit may be subject to enforcement actions pursuant to Chapter 6111 of the Ohio Revised Code. Such actions can result in fines of up to \$10,000 per day of violation. Please inform this office, in writing, within 10 days of receipt of this notification as to the actions taken or proposed to address the above violation and/or deficiencies. Your response shall include specific dates for completion of the actions.

Should you have any questions or comments regarding this letter, please contact this office.

Respectfully,



Ermelindo Gomes
Environmental Engineer
Division of Surface Water

EG/mt

Attachment: ORC Form

File: Semipublic/Trumbull County/Braceville Twp./Arhaven MHP