



State of Ohio Environmental Protection Agency

Northeast District Office

2110 East Aurora Rd.  
Twinsburg, Ohio 44087

TELE: (330) 963-1200 FAX: (330) 487-0769  
www.epa.state.oh.us

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

September 25, 2008

RE: MODERN MANAGEMENT SOLUTIONS  
D.B.A. P AND M ESTATES  
PERMIT NO. 3PX00004  
PORTAGE COUNTY  
WINDHAM TOWNSHIP

Ms. Carol Wise  
General Manager  
9181 State Route 82  
Garrettsville, Ohio 44231

**CERTIFIED MAIL**

Dear Ms. Wise

On August 26, 2008, an inspection of the above referenced facility's wastewater treatment system was conducted. The facility was represented by Mr. Charlie Newman, AKE Laboratory Operator. The purpose of the inspection was to evaluate the operation and maintenance of the treatment system along the facility's compliance status with respect to the terms and conditions of the above referenced National Pollutant Discharge Elimination System (NPDES) permit.

During the inspection, the following items were noted/discussed:

1. The plant design of the wastewater treatment system is 50,000 gpd.
2. The blowers were running and the plant was receiving good aeration.
3. The contents of the aeration tank were medium brown in color and no foam was present.
4. Both sludge return lines and both skimmer return lines were functioning properly.
5. Scum build-up was present behind the baffle in the settling tank, (see Figure 1). This scum should be removed and properly disposed.
6. The weirs and the sidewalls in the settling tank were free of scum build-up. However, pin floc was overflowing the weir. (see Figure 2).
7. The facility has rapid sand filters. The backwash from the rapid sand filters is discharged to surface sand filter beds.
8. One surface sand filter bed was not in operation and was drying so the sludge layer could be removed. The sludge should be properly disposed at a licensed solid waste landfill.
9. Once the sludge layer is removed in the surface sand filter beds, additional filter media may be required. In general 18 inches of approved filter sand is necessary. Any filter sand that is used must meet the requirements of Ohio Administrative Code (OAC) 3745-42-09. More specifically, for conventional surface sand filters, filter sand shall be washed and free of silt; have an effective size of 0.4 mm to 1.0 mm; and have a uniformity coefficient less than 3.0.
10. The ultra violet disinfection was functioning properly.
11. The final effluent being discharged was clear and appeared to be of satisfactory visual quality.

12. Although the effluent was clear at the time of the inspection, it was noted that the plant had an upset and sludge had been discharged to the stream. (see Figures 3 and 4).
13. A Web-based application for submitting the monthly operating report is currently available. Web addresses are available below which provide information on this topic along with training dates.

This office has recently reviewed your self-monitoring reports covering the period April 1, 2006 through August 31, 2008 for the referenced facility. Our review indicates violations of the terms and conditions of your NPDES permit. The specific instances of non-compliance are as follows:

#### Limit Violations

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.5	1.57875	5/1/2007
001	00610	Nitrogen, Ammonia (NH3	7D Conc	2.25	5.6	5/1/2007
001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.43	.5299	5/1/2007
001	31616	Fecal Coliform	30D Conc	1000	1160.	8/1/2007
001	00530	Total Suspended Solids	7D Conc	18	19.	10/22/2007
001	80082	CBOD 5 day	7D Qty	2.8	7.1915	11/1/2007
001	00530	Total Suspended Solids	30D Conc	12	32.75	2/1/2008
001	00530	Total Suspended Solids	7D Conc	18	114.	2/15/2008
001	00530	Total Suspended Solids	30D Qty	2.3	3.18035	2/1/2008
001	00530	Total Suspended Solids	7D Qty	3.4	11.2187	2/15/2008
001	80082	CBOD 5 day	7D Conc	15	16.	2/15/2008
001	00530	Total Suspended Solids	7D Conc	18	31.	3/1/2008
001	00530	Total Suspended Solids	30D Qty	2.3	3.13777	3/1/2008
001	00530	Total Suspended Solids	7D Qty	3.4	11.1468	3/1/2008
001	80082	CBOD 5 day	7D Conc	15	23.	3/1/2008
001	80082	CBOD 5 day	30D Qty	2.0	2.19625	3/1/2008
001	80082	CBOD 5 day	7D Qty	2.8	8.27023	3/1/2008
001	00610	Nitrogen, Ammonia (NH3	7D Conc	6.75	7.2	4/8/2008
001	00530	Total Suspended Solids	7D Conc	18	21.	5/8/2008
001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.5	6.138	5/1/2008
001	00610	Nitrogen, Ammonia (NH3	30D Conc	4.5	6.138	5/1/2008
001	00530	Total Suspended Solids	7D Conc	18	25.	8/22/2008
001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.5	3.81	8/1/2008
001	00610	Nitrogen, Ammonia (NH3	7D Conc	2.25	6.5	8/22/2008
001	00300	Dissolved Oxygen	1D Conc	6.0	4.2	8/5/2008
001	00300	Dissolved Oxygen	1D Conc	6.0	2.9	8/12/2008
001	00300	Dissoived Oxygen	1D Conc	6.0	5.2	8/19/2008
001	00300	Dissolved Oxygen	1D Conc	6.0	4.1	8/26/2008

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Please note that Ohio EPA has converted from the existing **SWIMware** software to a Web-based reporting system, **e-DMR**. The new reporting system is entirely Web based and accessible via any Internet connection. Ohio EPA Form 4500, commonly known as MORs, will now be called Discharge Monitoring Reports (DMRs or e-DMRs). User training is going to be available in October of this year. Please consult the following Web site for updates regarding the specific date:

<http://www.epa.state.oh.us/dsw/swims/eDMR/eDMRtraining.html>

If you need additional information pertaining to the SWIMware replacement e-DMR, consult the following Web site:

<http://www.epa.state.oh.us/dsw/swims/eDMR/eDMR.html>

**Please notify this office in writing within 15 days receipt of this letter indicating your intentions to prevent item 12 from occurring again. The letter should also address what actions are going to be taken to prevent the ongoing limit violations listed above from occurring. The letter should contain dates either actual or proposed for completion of the actions.**

Please be advised that such instances of non-compliance may be cause for enforcement actions pursuant to the Ohio Revised Code, Chapter 6111.

Should you have any comments or questions concerning this letter, please feel free to call me at (330) 963-1143.

Respectfully,



Michael W. Stevens  
Environmental Engineer  
Division of Surface Water

MWS/mlh



Figure 3



Figure 4

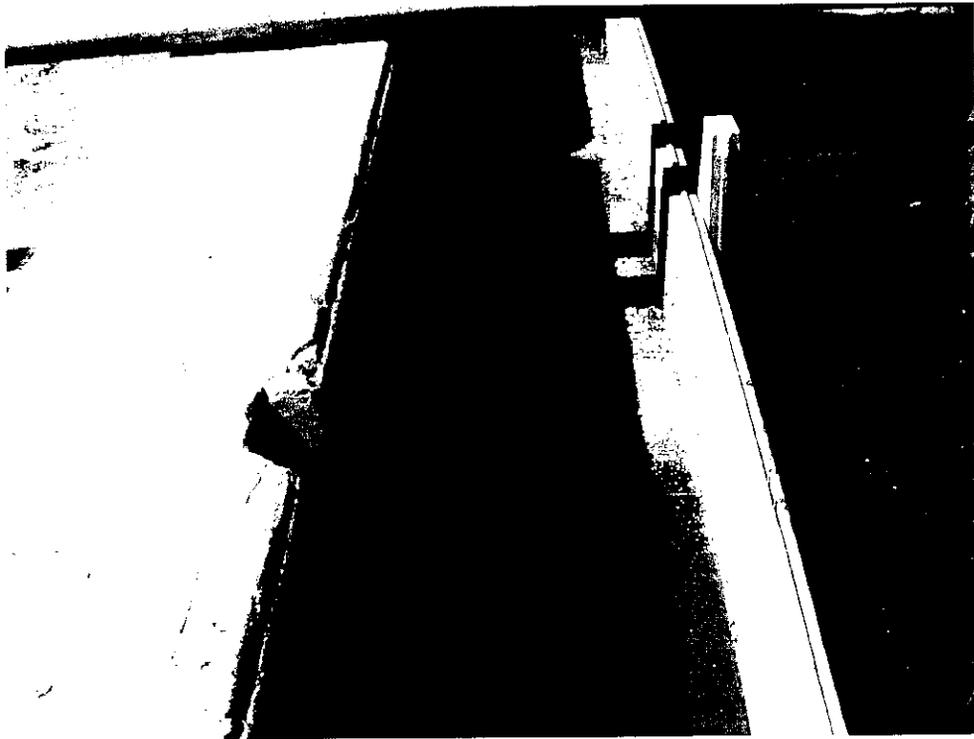


Figure 1

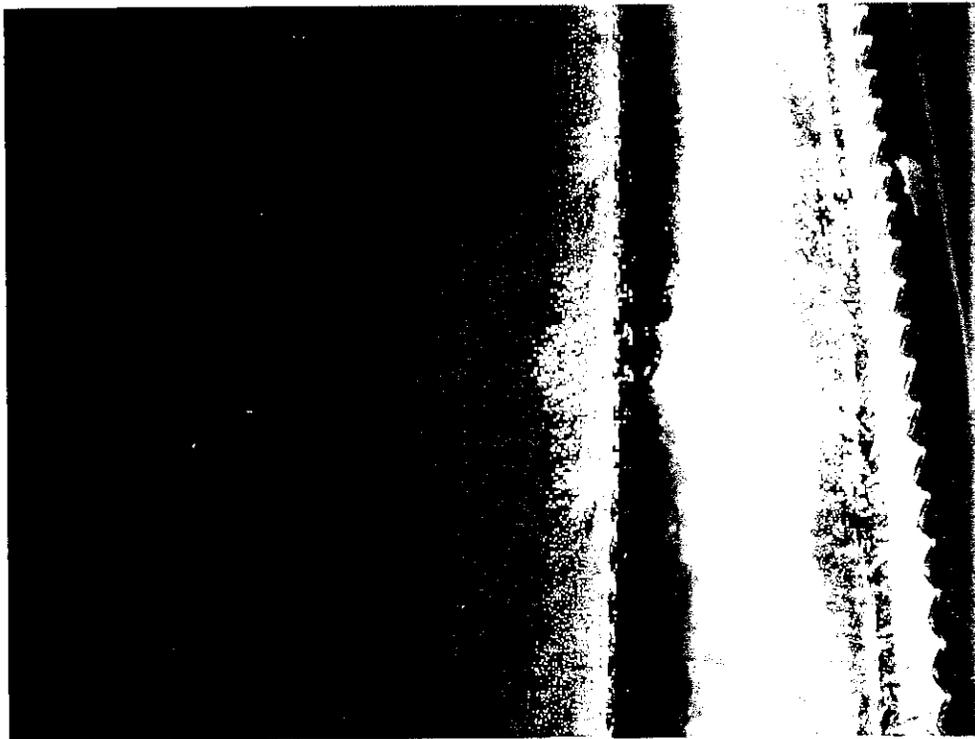


Figure 2

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> <li>Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul> <p>1. Article Addressed to:</p> <p>CAROL WISE GENERAL MANAGER 263 WEST MAIN ST, SUITE A RAVENNA OH 44266</p>	<p>A. Signature <input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee <i>K. Baldasare</i></p> <p>B. Received by (Printed Name) <input type="checkbox"/> Agent <i>K. Baldasare</i></p> <p>C. Date of Delivery <i>10/10/08</i></p> <p>D. Is delivery address different from item 1? <input checked="" type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No <i>Suite A</i></p> <p>3. Service Type  <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail  <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise  <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>2. Article Number (Transfer from service label)</p>	<p>7008 0150 0001 7110 8760 (STEVENS 10/10/08)</p>

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

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Total Postage & Fees \$	

Sent To *Carol Wise*

Street, Apt. No.,  
or PO Box No.

City, State, ZIP+4

PS Form 3800, August 2006 See Reverse for Instructions

7008 0150 0001 7110 8760