



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Road  
Bowling Green, OH 43402-9398

TELE: (419) 352-8461 FAX: (419) 352-8468  
www.epa.state.oh.us

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

Re: Seneca County  
Fostoria Mobile Estates  
Sewerage

July 13, 2009

Mr. Joe Raineri  
Fostoria Mobile Estates  
P. O. Box 398  
Bath, Ohio 44210

Dear Mr. Raineri:

On May 12, 2009, and June 10, 2009, inspections were made of the wastewater treatment plant (WWTP) serving Fostoria Mobile Estates. The existing mobile home park is located at the southeast corner of the intersection of Township Road 33 and Township Road 63, Jackson Township. Observations and recommendations noted during the inspection are as follows:

**May 12, 2009, WWTP Inspection**

1. During this inspection, I spoke with Mr. Luke Stahl, Park Manager, who provided information regarding the WWTP operations.
2. The aeration tanks were operational and appeared to be receiving adequate aeration at the time of the inspection.
3. It was indicated that the skimmer was broken off below the water surface and in need of repair. Mr. Stahl noted that the skimmer had been broken for three (3) weeks and that he was trying to contact a repair service.
4. The two (2) sludge returns were operating. The return liquid had a very low solids content.
5. The east side of the clarifier was observed to have a very thick layer of floating solids covering the surface of the tank.
6. The west half of the clarifier tank was observed to have bulking sludge near the effluent discharge weir.
7. The clarifier hopper walls need to be scraped down once per day to increase the solids returned and prevent sludge from bulking and floating to the surface of the tank.

Mr. Joe Raineri  
July 13, 2009  
Page 2

8. The effluent from the clarifier discharge had a turbid grey color, with visible solids carry over at the time of the inspection.
9. The partially treated wastewater was observed to be flowing out of the lift station tank through a bypass pipe outlet on the east side of the tank. This pipe was observed discharging to the ditch located just east of the WWTP. The grey septic wastewater was observed in the ditch.
10. The bypass and/or overflow pipes located within the sand filter dosing lift station must be physically eliminated at this time. As indicated in our previous letter (dated September 16, 2008 ), documentation of the elimination of this bypass line is to be submitted to this office. Please provide documentation of the elimination as soon as possible, but no later than July 30, 2009.
11. The surface sand filter distribution box has fallen apart. Mr. Stahl indicated that Mack, Inc., had been contacted and were scheduled to replace the distribution box the next day.
12. No disinfection was being provided as the surface sand filters and chlorine contact tank were being bypassed and the chlorination unit was dry.
13. Pictures taken during the May 12, 2009, inspection are enclosed.

#### **June 10, 2009, WWTP Inspection**

14. The aeration tanks were operational and appeared to be receiving adequate aeration at the time of the inspection.
15. The east side of the clarifier was observed to still have a very thick layer of floating solids covering the surface of the tank. The skimmer was not operational.
16. The west half of the clarifier tank was observed to still have bulking sludge near the effluent discharge weir. The skimmer was in operation.
17. The two (2) sludge returns were operating, both observed to have a very low solids content.
18. The surface sand filter distribution box has been replaced, but was leaking where the pipes entered the box from the pump station. This needs to be repaired.
19. The sand filter beds (4) were observed to have an accumulation of old solids and weed growth. The filter beds need to be cleaned and sand surface leveled.

Mr. Joe Raineri  
July 13, 2009  
Page 3

20. No chlorine was provided. Chlorination/disinfection must be provided from May through October.
21. Pictures taken during the June 10, 2009, inspection are enclosed.

This facility is not fenced and the open sand filters and unlocked tanks pose a safety hazard. It is noted that portions of fencing have been provided along either side of the tanks, but does not restrict WWTP access.

**NPDES Permit - 2PY00055**

The NPDES discharge permit 2PY00055 was issued with an effective date of April 1, 2009. The permit requires monitoring of plant conditions and sampling of final effluent prior to discharging. The permits sampling frequency and discharge limits must be attained. Reporting to this Agency is required on a monthly basis.

This permit also requires that Fostoria Mobile Estates comply with the operator certification rules and requires that a certified wastewater treatment plant operator (Class I) oversee the technical operation of the sewerage system and treatment works.

Please inform this office in writing by July 30, 2009, of the actions taken to address the above deficiencies. If there are any questions, please contact me at 419-373-3014.

Yours truly,



Mary Beth Cohen  
Division of Surface Water

/l/r

Enclosures

pc: Seneca County Health Department  
Lucas Stahl, Fostoria Mobile Estates Park Manager  
DSW-NWDO File



Fostoria Mobile Estates MHP, Seneca Co.  
Sand filters looking northeast – leaking distribution box  
taken by M.B.Cohen, 06/10/09



Fostoria Mobile Estates MHP, Seneca Co.

Looking northeast at sand filter distribution box leaking on S-W bed (S-E bed was in use)

taken by M.B.Cohen, 06/10/09

page 2 of 13



Fostoria Mobile Estates MHP, Seneca Co.  
Sand filters looking north – leaking distribution box  
taken by M.B.Cohen, 06/10/09



Fostoria Mobile Estates MHP, Seneca Co.  
Sand filters looking northwest (water visible on SE bed in use)  
taken by M.B.Cohen, 06/10/09



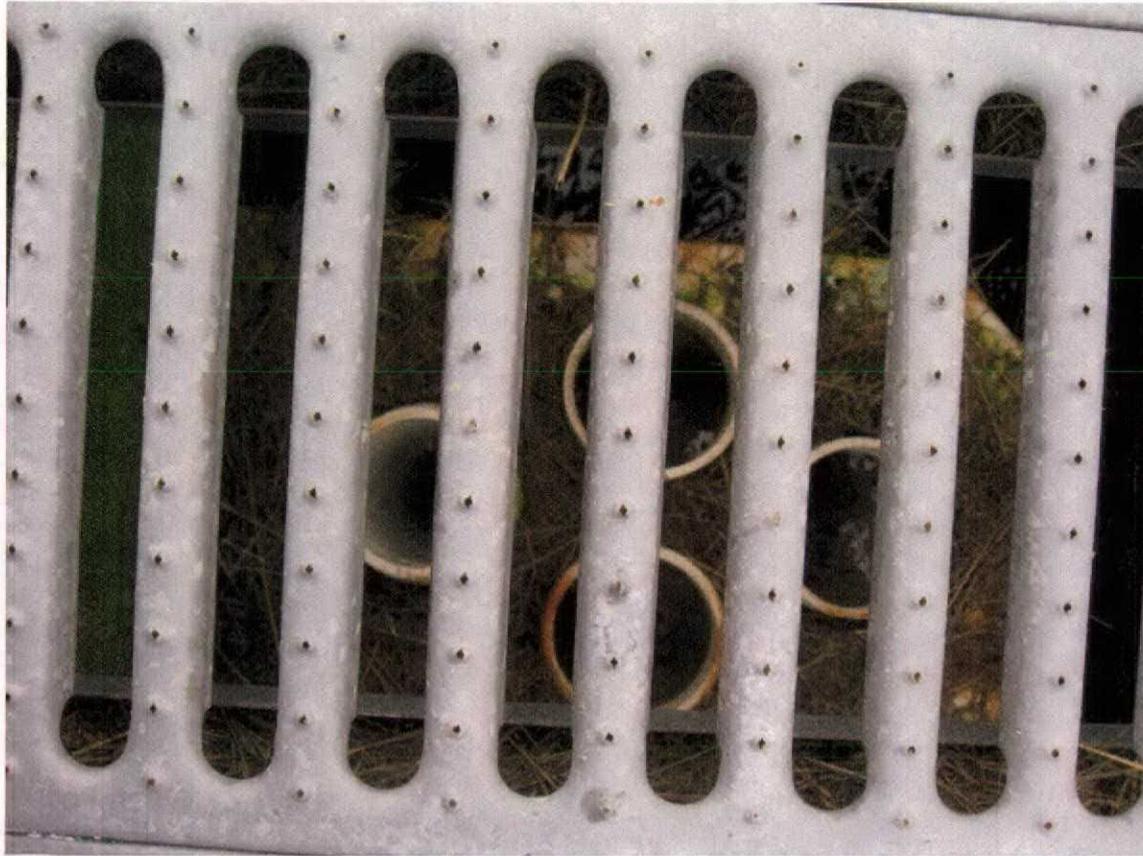
Fostoria Mobile Estates MHP, Seneca Co.  
Solids on northeast sand filters  
taken by M.B.Cohen, 06/10/09



Fostoria Mobile Estates MHP, Seneca Co.  
Bulking solids in clarifier tank  
taken by M.B.Cohen, 06/10/09



Fostoria Mobile Estates MHP, Seneca Co.  
Bulking sludge in clarifier tank / effluent weir  
taken by M.B.Cohen, 06/10/09



Fostoria Mobile Estates MHP, Seneca Co.  
Chlorine tank – No chlorine provided.  
taken by M.B.Cohen, 06/10/09



Fostoria Mobile Estates MHP, Seneca Co.  
Looking north/northeast at treatment plant discharge into ditch  
taken by M.B.Cohen, 06/10/09



Fostoria Mobile Estates MHP, Seneca Co.

Looking southeast towards plant discharge – solids and algae growth along ditch

taken by M.B.Cohen, 06/10/09

page 10 of 13



Fostoria Mobile Estates MHP, Seneca Co.

Looking southeast towards plant discharge – solids and algae growth along ditch  
taken by M.B.Cohen, 06/10/09

page 11 of 13



Fostoria Mobile Estates MHP, Seneca Co.  
Looking south at plant discharge – solids and algae growth along ditch  
taken by M.B.Cohen, 06/10/09



Fostoria Mobile Estates MHP, Seneca Co.

Looking south at ditch on east side of plant where it joins the ditch running to the west

taken by M.B.Cohen, 06/10/09

page 13 of 13



Fostoria Mobile Estates MHP, Seneca Co.  
Bypass discharge from sand filter dosing lift station into ditch east side of plant  
taken by M.B.Cohen, 5/12/09



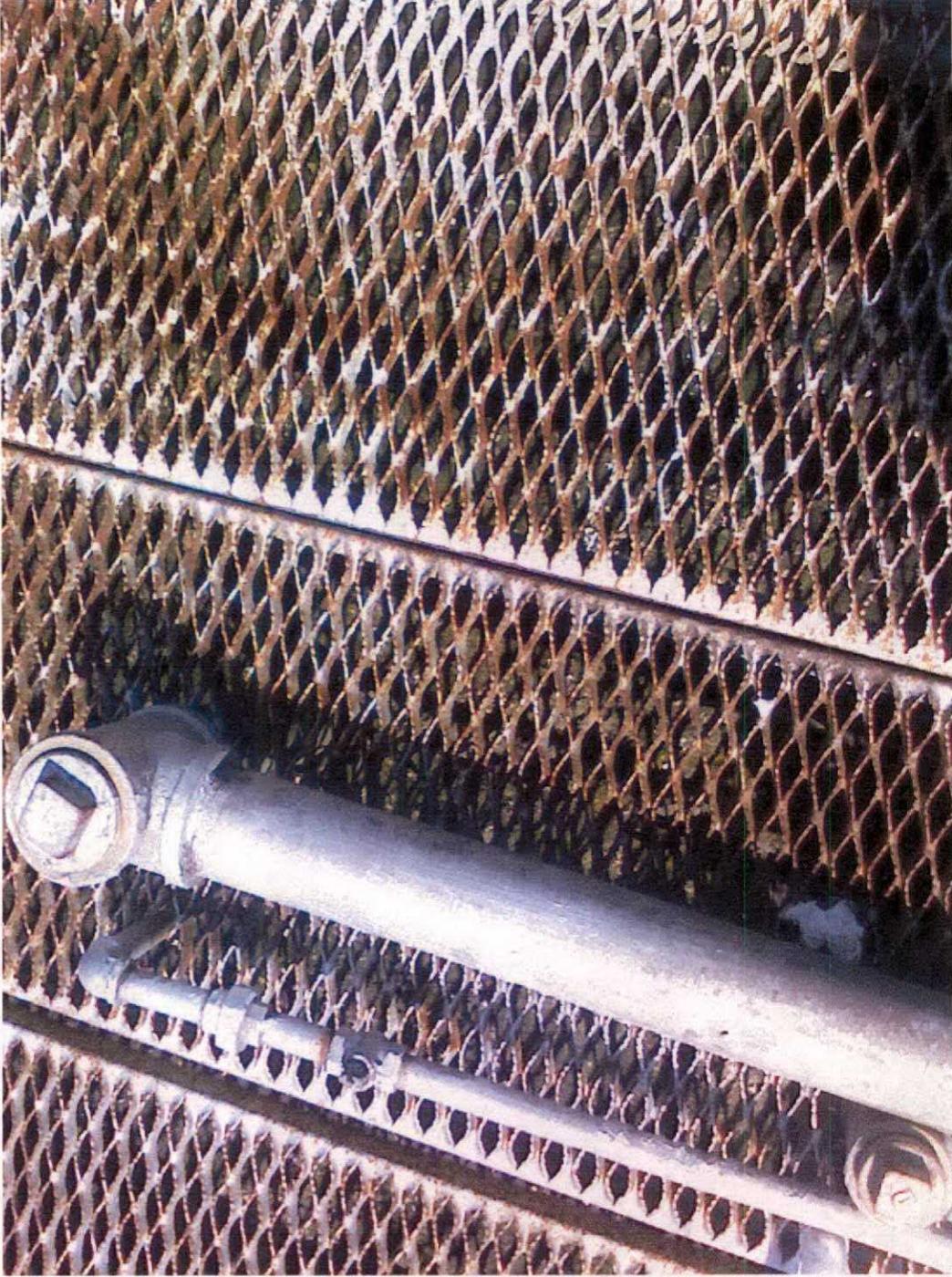
Fostoria Mobile Estates MHP, Seneca Co.  
Bypass discharge from sand filter dosing lift station into ditch east side of plant  
taken by M.B.Cohen, 5/12/09



Fostoria Mobile Estates MHP, Seneca Co.  
Bypass discharge from sand filter dosing lift station into ditch east side of plant  
taken by M.B.Cohen, 5/12/09



Fostoria Mobile Estates MHP, Seneca Co.  
Bypass from sand filter dosing lift station – discharging into ditch east side of plant  
taken by M.B.Cohen, 5/12/09



Fostoria Mobile Estates MHP, Seneca Co.  
Clarifier

taken by M.B.Cohen, 5/12/09



Fostoria Mobile Estates MHP, Seneca Co.  
Bulking sludge in clarifier tank / effluent weir  
taken by M.B.Cohen, 5/12/09



Fostoria Mobile Estates MHP, Seneca Co.  
Sand filters (looking North)  
taken by M.B.Cohen, 5/12/09



Fostoria Mobile Estates MHP, Seneca Co.  
Sand filter distribution box in need of repair  
taken by M.B.Cohen, 5/12/09



Fostoria Mobile Estates MHP, Seneca Co.  
Chlorine tank and chlination unit – not in use due to bypass  
taken by M.B.Cohen, 5/12/09



Fostoria Mobile Estates MHP, Seneca Co.  
Ditch north of chlorine contact tank – downstream of plants bypassed discharge  
taken by M.B.Cohen, 5/12/09