



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

January 10, 2008

RE: WAYNE COUNTY
CHIPPEWA TWP
OAK PARK MHP
3PV00015

Mr. David Sayre
Oak Park MHP
14740 Oak Grove Drive
Doylestown, OH 44230

Dear Mr. Sayre:

On January 9, 2008, this writer conducted an operation and maintenance inspection of the sewage treatment plant serving your facility. The inspection was conducted as follow up to our March 1, 2005, inspection in which we discovered an illegal bypass of the sand filter beds. A representative from the mobile home park was not present during the inspection.

- 1) According to your National Pollutant Discharge Elimination System (NPDES) permit, your treatment plant qualifies as a Class I Wastewater Treatment Plant. Is the facility currently under the supervision of an operator who holds a Class I Wastewater License? Your National Pollutant Discharge Elimination System (NPDES) permit expires on June 30, 2010. Your renewal application for your NPDES permit must be submitted to this office no later than December 30, 2009.
- 2) Review of Agency records indicates the treatment system was designed for an average daily flow of 25,000 gpd and consists of the following:
 - 3,000 gallon trash trap
 - 1000 gallon trash trap
 - 2-2,500 gallon aeration tanks
 - 3-5,000 gallon aeration tanks
 - 2-2,500 gallon aeration tanks
 - 35,000 gpd clarifier
 - 2,304 ft² surface sand filter
- 3) According to the Monthly Operating Reports (MOR) submitted for your facility, the average plant flow over the past two years has been 16,700 gpd. At the time of the inspection, all treatment units were in service and the effluent to the Pancake Creek appeared to be clear. A more thorough inspection of each individual component was not completed because the gate to the plant was locked.

- 4) A manhole located east of the wastewater plant was sunken into the ground, covered with leaves and surrounded by standing water. This manhole appears to be where the effluent from the wastewater plant flows, prior to the surface sand filters. There was a depressed area leading to the manhole as well. This depressed area may be caused by a crushed pipe. It is our recommendation that you conduct an investigation to look into whether this pipe is cracked, crushed or otherwise damaged. This pipe and the associated manhole may be a source of inflow/infiltration in your system.
- 5) The sand filters are not located within the gated area so an inspection of this treatment unit was conducted. The illegal bypass of the surface sand filters has been eliminated and the sand filters were in operation. At the time of the inspection, the filters were in operation, some of the sand filter beds were flooded and semi-covered with vegetation. The distribution piping to the filter beds is directed upward which can promote freezing problems during the winter months. Please be sure to routinely check the condition of these pipes to ensure there are no freezing problems.
- 6) Please update this office regarding the sludge handling activities at your facility. Please provide this office with the frequency solids are removed from the system (trash trap, clarifier, etc.), the hauler being used and the facility accepting the solids. It is recommended that a sludge holding tank be installed at the facility to efficiently maintain a proper balance of solids in the system and assist in solids handling activities.

Prior to any construction activities taking place at your facility, you must obtain a permit-to-install (PTI) from this office. The PTI entails submitting an application along with a set of detail plans. The enclosed Plan Approval Procedures must be followed. All fees, applications, and data sheets must be completed and included with the submission of detail plans before the plans can be processed for approval.

Four sets of detailed plans must be prepared and stamped by a Professional Engineer and submitted to this office. They will be forwarded to the Director's Office with our recommendations. The Professional Engineer preparing the plans shall also be responsible for overseeing the installation of the system. Your contract with the engineer must include inspection during construction. In accordance with the Ohio Revised Code Section 6111.44, you must receive formal approval from the Director's Office prior to construction.

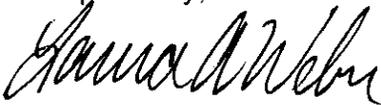
- 7) A review of your MOR's covering the period from January 1, 2005 through December 31, 2007, revealed the following effluent violations:

DAVID SAYRE
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January 2005	001	00530	Total Suspended Solids	7D Qty	1.7	2.6495	1/15/2005
January 2005	001	80082	CBOD 5 day	7D Qty	1.4	2.1196	1/15/2005
February 2006	001	00300	Dissolved Oxygen	1D Conc	6.0	5.	2/22/2006

Should you have any comments or questions regarding this letter, please contact this office at (330) 963-1299.

Respectfully,



Laura A. Weber, P.E.
Environmental Engineer
Division of Surface Water

LAW:bo

enclosures

cc: Wayne County Health Department, Attn: Janet Rittenhouse

ec: Richard D. Blasick, P.E., NEDO - DSW

File: Semi-Public/Wayne/ChippewaTwp/OakParkMHP