



**Environmental
Protection Agency**

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

June 15, 2010

RE: PRAIRIE HOUSE APARTMENTS
WASTEWATER TREATMENT
NPDES 3PW00035

Mr. Chris Steiner
P.O. Box 312
Shreve, OH 44676

Dear Mr. Steiner:

On May 11, 2010, this writer, along with Kraig Bucklew of the Holmes County Department of Health, conducted an inspection of the wastewater treatment system for the Prairie House Apartments. The intent of the inspection was to evaluate operations and maintenance of the system and to assess compliance with the NPDES Permit.

Observations:

The condition of the treatment system was unsatisfactory at the time of the inspection. Following are observations made of the treatment system.

1. The aeration tank was unsatisfactory. The tank was partially covered with white foam indicating the possibility of insufficient mixed liquor.
2. The clarifier was unsatisfactory. The weir trough had a deposition of sludge, and the weir plates needed hosed to remove debris.
3. The system depends on a single blower to provide air to the aeration tank. The Prairie House Apts. should have a plan in place in the event the single blower fails. It is recommended that a second blower be purchased and installed as a backup to the blower already in place.
4. The filter dosing system was unsatisfactory. One dosing pump was not operational and one pump was set to the "off" position. The dosing system must be inspected and repaired so that both dosing pumps are operational and able to be automatically alternated. Alternating the pumps can extend the useful life of the pumps and reduce the cost to maintain the pumps. Both pumps must be made operational no later than July 16, 2010.
5. The splitter box for the sand filters is in need of replacement. The box has deteriorated so much that there were holes observed in the walls of the box. The splitter box must be replaced no later than July 16, 2010.
6. When the one functioning dosing pump was activated by turning the switch to the "on" position, the wastewater dosed to the sand filter had a strong septic odor.
7. Both disinfecting chemicals were in place at the time of the inspection.
8. No sludge residue was apparent at the outfall to the stream.

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Compliance Review:

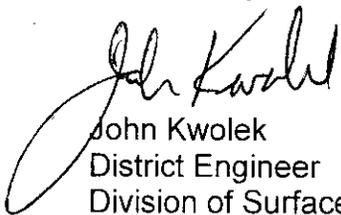
The monthly compliance reports submitted by the Prairie House Apartments were reviewed for compliance with the NPDES Permit. The period of review was June 2009 through May 2010. Following are recorded violations of the limits established in the NPDES Permit No. 3PW00035.

Reporting Period	Parameter	Limit Type	Limit	Reported Value	Violation Date
December 2009	Dissolved Oxygen	1D Conc	6.0	5.13	12/1/2009

Be advised that a new permit will be issued following expiration of the existing permit. The permit renewal will include new language that should be reviewed and understood. You may contact this office to discuss any questions you may have regarding the new language following your review of the draft permit.

You may contact this writer at (330) 963-1251 or at john.kwolek@epa.state.oh.us to discuss any questions you may have regarding this inspection report.

Respectfully,



John Kwolek
District Engineer
Division of Surface Water

JK/mt

cc: Kraig Bucklew, Holmes County Department of Health