



**Environmental
Protection Agency**

John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

May 16, 2012

RE: LAKE COUNTY
KIRTLAND
KIRTLAND MOBILE HOME PARK
NPDES PERMIT NO. 3PV00074
APPLICATION NO. OH0111953

Victor Ayres
Kirtland Mobile Home Park
9735 Chillicothe Road
Kirtland, OH 44094

Dear Mr. Ayres:

On May 15, 2012, this writer conducted a compliance evaluation inspection of the wastewater treatment plant (WWTP) that serves the mobile home park. The purpose of the inspection was to evaluate the WWTP's operation and maintenance condition, and to evaluate the facility's compliance with National Pollutant Discharge Elimination System (NPDES) permit.

At the time of inspection, the plant was producing an effluent of satisfactory visual quality in that there was no evidence of suspended solids, floating debris or oil and grease. The following observations were noted:

- The aeration tank mixed liquor was brown in color, typical of activated sludge plants.
- The settling tank was operating. Some ash was visible on the surface.
- The filter beds were operating. The sand should be raked to ensure level distribution of the sand.
- Some of the filter bed concrete blocks were cracking. Both sides of the concrete blocks should be waterproofed.
- The chlorinator and dechlorinator contained chlorine tablets and sulfite tablets, respectively.
- The sludge holding tank was in operation, as required.
- The Operation and Maintenance Log Book was present in the mailbox attached to the storage garage.

A review of the plant's Discharge Monitoring Reports revealed the following effluent limitation violations during the period of October 2010 to March 2012:

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00300	Dissolved Oxygen	1D Conc	6.0	5.9	10/11/2011
001	00300	Dissolved Oxygen	1D Conc	6.0	5.4	10/18/2011
001	00300	Dissolved Oxygen	1D Conc	6.0	5.5	10/25/2011
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	7.8	11/1/2011
001	00300	Dissolved Oxygen	1D Conc	6.0	5.6	11/1/2011
001	00300	Dissolved Oxygen	1D Conc	6.0	4.6	11/8/2011
001	00300	Dissolved Oxygen	1D Conc	6.0	3.	11/15/2011

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001	00300	Dissolved Oxygen	1D Conc	6.0	4.1	11/29/2011
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	3.23	12/1/2011
001	00300	Dissolved Oxygen	1D Conc	6.0	5.3	12/6/2011
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	4.55	1/1/2012
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	7.65	2/1/2012
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	7.65	2/1/2012
001	80082	CBOD 5 day	30D Conc	10	10.2	2/1/2012
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	8.85	3/1/2012
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	8.85	3/1/2012
001	80082	CBOD 5 day	30D Conc	10	13.7	3/1/2012
001	00400	pH	1D Conc	6.5	6.4	3/6/2012
001	00300	Dissolved Oxygen	1D Conc	6.0	4.9	3/13/2012
001	00300	Dissolved Oxygen	1D Conc	6.0	3.	3/20/2012
001	00300	Dissolved Oxygen	1D Conc	6.0	5.8	3/27/2012
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	24.5	4/1/2012
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	24.5	4/1/2012
001	80082	CBOD 5 day	30D Conc	10	12.7	4/1/2012

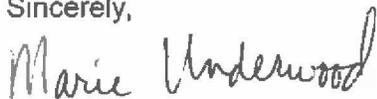
Be advised that failure to comply with the effluent limitations or to satisfy the monitoring or reporting and compliance scheduling requirements of your NPDES permit may be cause for enforcement pursuant to Ohio Revised Code, Chapter 6111.

This office has received a copy of the Operator of Record (ORC) Notification Form indicating Steven Howe and Charles Newman of AKE Laboratory Inc. as the Operators of Record. Your name is not listed, although you have a Class A license. During the inspection, you stated that you are at the plant every day. According to the form, AKE Labs currently visits the plant once per week for a minimum of one hour per week. ORC 3745-7 requires your plant to be staffed two days per week for one hour per week. By adding your name to the ORC form and ensuring that the combined time that you and AKE Labs are at the plant is at least twice per week for one hour per week, the staffing requirements of ORC 3745-7 will be met.

Within 10 days of the date of this letter, you are directed to notify this office, in writing, outlining the corrective action, either actual or proposed, that will be taken to eliminate the above highlighted deficiencies.

Should you have any questions regarding this letter, please contact the undersigned at (330) 963-1183.

Sincerely,



Marie Underwood, P.E.
Environmental Engineer
Division of Surface Water

MU/cs