



**Environmental
Protection Agency**

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

March 14, 2011

RE: WAYNE COUNTY
KOENIG'S KORNER
NPDES #3PR00423

Mark and Nancy Koenig
Koenig's Korner
6636 North Elyria Road
West Salem, Ohio 44287

Dear Mr. and Mrs. Koenig:

On March 8, 2011, this writer met with you to conduct an inspection of the wastewater treatment plant serving the Koenig's Korner facility.

At the time of the inspection, the treatment plant was producing what appeared to be a satisfactory quality effluent. The 1,500-gpd wastewater treatment plant consists of a trash trap, a flow equalization tank, extended aeration treatment plant, a dosing chamber, surface sand filter, chlorination and dechlorination. Overall, the plant appeared to be in good operation and maintenance condition.

A review of your Discharge Monitoring Reports (DMRs) covering the period January 2008 through January 2011 revealed the following effluent violations:

Reporting Period	Parameter	Limit Type	Limit	Reported Value	Violation Date
June 2008	Total Suspended Solids	30D Conc	12	17.2	6/1/2008
June 2008	Total Suspended Solids	30D Qty	.0249	.06561	6/1/2008
June 2008	Total Suspended Solids	7D Qty	.0374	.06561	6/1/2008
June 2008	Nitrogen, Ammonia (NH3)	30D Conc	1.0	1.45	6/1/2008
June 2008	Nitrogen, Ammonia (NH3)	30D Qty	.0021	.00553	6/1/2008
June 2008	Nitrogen, Ammonia (NH3)	7D Qty	.0031	.00553	6/1/2008
June 2008	CBOD 5 day	30D Qty	.0208	.02556	6/1/2008
June 2008	Chlorine, Total Residu	1D Conc	.019	.44	6/4/2008
August 2008	Chlorine, Total Residu	1D Conc	.019	.45	8/19/2008
March 2010	Total Suspended Solids	30D Conc	12	19.5	3/1/2010
March 2010	Total Suspended Solids	7D Conc	18	19.5	3/8/2010
March 2010	Nitrogen, Ammonia (NH3)	30D Conc	3.0	21.	3/1/2010
March 2010	Nitrogen, Ammonia (NH3)	7D Conc	4.5	21.	3/8/2010
March 2010	Nitrogen, Ammonia (NH3)	30D Qty	.0062	.01558	3/1/2010
March 2010	Nitrogen, Ammonia (NH3)	7D Qty	.0093	.01558	3/8/2010
March 2010	CBOD 5 day	30D Conc	10	32.4	3/1/2010
March 2010	CBOD 5 day	7D Conc	15	32.4	3/8/2010

Reporting Period	Parameter	Limit Type	Limit	Reported Value	Violation Date
March 2010	CBOD 5 day	30D Qty	.0208	.02404	3/1/2010
December 2010	Total Suspended Solids	30D Conc	12	37.	12/1/2010
December 2010	Total Suspended Solids	7D Conc	18	37.	12/15/2010
December 2010	Nitrogen, Ammonia (NH3)	30D Conc	3.0	11.5	12/1/2010
December 2010	Nitrogen, Ammonia (NH3)	7D Conc	4.5	11.5	12/15/2010
December 2010	Nitrogen, Ammonia (NH3)	30D Qty	.0062	.00697	12/1/2010
December 2010	CBOD 5 day	30D Conc	10	67.2	12/1/2010
December 2010	CBOD 5 day	7D Conc	15	67.2	12/15/2010
December 2010	CBOD 5 day	30D Qty	.0208	.04075	12/1/2010
December 2010	CBOD 5 day	7D Qty	.0312	.04075	12/15/2010
August 2010	Chlorine, Total Residu	1D Conc	.019	.11	8/2/2010
August 2009	Chlorine, Total Residu	1D Conc	.019	.3	8/12/2009
March 2009	Total Suspended Solids	30D Conc	12	64.5	3/1/2009
March 2009	Total Suspended Solids	7D Conc	18	64.5	3/1/2009
March 2009	Total Suspended Solids	30D Qty	.0249	.04538	3/1/2009
March 2009	Total Suspended Solids	7D Qty	.0374	.04538	3/1/2009
March 2009	Nitrogen, Ammonia (NH3)	30D Conc	3.0	9.8	3/1/2009
March 2009	Nitrogen, Ammonia (NH3)	7D Conc	4.5	9.8	3/1/2009
March 2009	Nitrogen, Ammonia (NH3)	30D Qty	.0062	.0069	3/1/2009
March 2009	CBOD 5 day	30D Conc	10	50.4	3/1/2009
March 2009	CBOD 5 day	7D Conc	15	50.4	3/1/2009
March 2009	CBOD 5 day	30D Qty	.0208	.03546	3/1/2009
March 2009	CBOD 5 day	7D Qty	.0312	.03546	3/1/2009
March 2009	Dissolved Oxygen	1D Conc	6.0	5.5	3/2/2009
December 2009	Total Suspended Solids	30D Conc	12	31.	12/1/2009
December 2009	Total Suspended Solids	7D Conc	18	31.	12/8/2009
December 2008	Total Suspended Solids	30D Conc	12	35.3	12/1/2008
December 2008	Total Suspended Solids	7D Conc	18	35.3	12/1/2008
December 2008	Nitrogen, Ammonia (NH3)	30D Conc	3.0	17.8	12/1/2008
December 2008	Nitrogen, Ammonia (NH3)	7D Conc	4.5	17.8	12/1/2008
December 2008	Nitrogen, Ammonia (NH3)	30D Qty	.0062	.01013	12/1/2008
December 2008	Nitrogen, Ammonia (NH3)	7D Qty	.0093	.01013	12/1/2008
December 2008	CBOD 5 day	30D Conc	10	44.4	12/1/2008
December 2008	CBOD 5 day	7D Conc	15	44.4	12/1/2008
December 2008	CBOD 5 day	30D Qty	.0208	.02528	12/1/2008
June 2010	Chlorine, Total Residu	1D Conc	.019	.2	6/8/2010
June 2009	Dissolved Oxygen	1D Conc	6.0	.	6/15/2009

As discussed with you during the inspection, new water quality standards were adopted by Ohio EPA. These rules require changes to be made to the bacteria monitoring and limits in all new and renewed NPDES permits. The new standards will require the implementation of E. coli limits and monitoring requirements. The E. coli standards will

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be stated in the renewed NPDES permit. Information regarding the new water quality standards can be found on the Ohio EPA, Division of Surface Water website: www.epa.ohio.gov/dsw.

The renewal NPDES permit for this facility will be public noticed in the near future. You will have 30 days from the date of public notice to submit written comments to Ohio EPA regarding the draft permit.

Overall, the results of the inspection were satisfactory. Should you have any questions or comments regarding this letter, please contact this office at (330) 963-1255.

Sincerely,

A handwritten signature in black ink, appearing to read "Todd Surrena". The signature is fluid and cursive, with a large initial "T" and a long, sweeping underline.

Todd Surrena
Engineering Geologist
Division of Surface Water

TMS/mt

cc: Wayne County Health Department

File: Semi-Public/Wayne County/Chester Township/Permit Compliance