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State of Ohio Environmental Protection Agency

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Central District Office

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Columbus, OH 43216-1049

Certified Mail #91 7108 2133 3932 4449 8591

June 5, 2009

Ron Simpson, Superintendent
Knox County Water and Wastewater Department
17602 Coshocton Road
Mount Vernon, OH 43050

**Re: Pleasant View Acres STP
NPDES permit: 4PG00042**

Dear Mr. Simpson:

Enclosed is the Reconnaissance Inspection Report conducted by Ohio EPA for the Pleasant View Acres wastewater treatment system, which operates under NPDES permit 4PG00042.

There are a few items in the "Attachment" section of the report **which require a written response. Please respond in writing within 30 days of the receipt of this letter/report.**

Should you have any questions, please contact me at 614-728-3846 or e-mail me at larry.korecko@epa.state.oh.us.

Sincerely,

Larry Korecko
Environmental Specialist
Compliance and Enforcement
Division of Surface Water
Central District Office

c: Jason Figgins, Assistant Superintendent/Operator

LK/nsm Pleasant Acres STP RI 5-6-09 cover letter

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

June 5, 2009

**Re: Self-Monitoring Report Violations
Notice of Violation Letter
Pleasant View Acres STP
Ohio EPA Permit No. 4PG00042
NPDES Permit No. OH0081671**

Knox County Water and Wastewater Department
Attn: Ron Simpson, Superintendent
17602 Coshocton Road
Mount Vernon, OH 43050

Dear Mr. Simpson:

We are in receipt of your self-monitoring report covering the months of January 2007 through April 2009 for the referenced facility. Our review in SWIMS indicates violations of the conditions of your National Pollutant Discharge Elimination System (NPDES) permit. The specific instances of noncompliance and/or deficiencies are listed on the attached "Violations" page.

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

Please inform this office, in writing, within 30 days of the receipt of this letter as to the reasons for the above cited violations, as well as description of the action(s) taken or proposed to prevent any further violation(s). Your response should include the dates, either actual or proposed, for completion of the action(s).

If there are any questions, please contact me at (614) 728-3846.

Sincerely,



Larry Korecko
Environmental Specialist
Compliance/Enforcement Group
Division of Surface Water
Central District Office

ATTACHMENT

The sewage treatment system for the PleasantView Acres subdivision consists of two stabilization lagoons run in series. The lagoons are each about 1.25 acres in size and 4 foot deep.

The last count on homes served is 56 back in late 2004. Please **provide** an update on number of homes now served.

Problems with effluent quality began occurring in early summer of 2008. Early corrective actions did not work well. During the autumn of 2008 the water levels in the lagoons were lowered in order to physically determine what was causing the clogging of the transfer lines between lagoons and determine why wastewater was not flowing properly to the center of the first lagoon. It was found that some large rocks along with algae mats and duckweed were preventing much flow from transferring from one lagoon to another. It was also determined that some sludge will need to be eventually removed from the north lagoon. In the mean time as a “quick fix” the incoming sewage was diverted to the south lagoon and the final discharge occurs out of the north lagoon. This was accomplished by raising and lowering some baffles in the lagoons. The initial results are encouraging; however, more sampling events are needed to see if this has resolved the problem for now. Eventually sludge will need to be removed from the lagoons. **Please determine when sludge depths in the lagoons will be measured and when will a plan to remove sludge be prepared? Please respond in writing.**

There are many days during the summer months and early autumn when there is no flow from the lagoon treatment system. This needs watching closely as a sample is required once per month. Therefore if a rather large rain event occurs during a dry period, the sewage plant should be checked for a discharge.

Permit

The NPDES permit for this facility was modified on September 4, 2008 to lessen the frequency of sampling because the facility has no moving parts and is not dependent on electricity.

Violations and Self-Monitoring

The violations in SWIMS for the period 2006 through April 2009 are listed on an attached page which serves as a “**Notice of Violation**”.

Flow Measurement

Flow is determined using a container of known size and a stopwatch. Flows are generally less than 10,000 gallons per day and usually around 4,000 gallons per day. The design flow of the system is 24,000 gallons per day.

TMDL Study

For the Kokosing River Watershed Total Maximum Daily Load (TMDL) Study, Little Schenk Creek was sampled at County Road 66 and County Road 8 which are upstream and downstream of the Pleasant View Acres STP respectively. The final results from this study will determine if any changes need to be made in the NPDES permit for Pleasant View Acres. This could mean more stringent limitations for existing parameters or adding parameters to the permit.

NPDES Compliance Inspection Report

A. NATIONAL DATA SYSTEM CODING

Permit No. 4PG00042	NPDES No. OH0081671	Date 05-06-2009	Inspection Type R	Inspector S	Facility Type !
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B. FACILITY DATA

Name and Location of Facility Inspected Pleasant View Acres STP (Knox County Water & Wastewater) Intersection of SR 3 and Twp Rd 271, Monroe Twp, Knox Co. OH	Entry Time	Permit Effective Date Mod. 11/1/2008
	Exit Time	Permit Expiration Date 3/31/2011

Name(s) and Title(s) of On-Site Representative(s)	Phone Number(s)
Jason Figgins, Assistant Superintendent/Operator	740-627-0987
Name, Address and Title of Responsible Official	Phone Number
Ron Simpson, Superintendent, 17602 Coshocton Road, Mt. Vernon, OH 43050	740-397-7041

C. AREAS EVALUATED DURING INSPECTION

<u> </u> S Permit	<u> </u> S* Flow Measurement	<u> </u> N/A Pretreatment
<u> </u> S Records/Reports	<u> </u> N Laboratory	<u> </u> N/A Compliance Schedules
<u> </u> M* Operations & Maintenance	<u> </u> M* Effluent/Receiving Waters	<u> </u> S* Self-Monitoring Program
<u> </u> S Facility Site Review	<u> </u> M* Sludge Storage/Disposal	<u> </u> Other
<u> </u> N Collection System		

(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

D. SUMMARY OF FINDINGS/COMMENTS (attach additional sheets if necessary)

- Please submit a schedule when sludge levels will be measured in the two lagoons. Based on findings of sludge depth, please determine what next steps will be and put this in writing.
- Please indicate number of homes that are connected to this sewage treatment system.

Larry Korecko
Larry Korecko, Inspector, Ohio EPA, Central District Office

6-4-09
Date

Erin Sherer
Erin Sherer, Reviewer, Ohio EPA, Central District Office

6-4-09
Date

FLEASANT VIEW ACRES STP

Get New Data

VIOLATIONS

JANUARY 2007 THROUGH APRIL 2009

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
4PG00042*DD	August 2008	001	80082	CBOD 5 day	30D Conc	25	55.2	8/1/2008
4PG00042*DD	August 2008	001	80082	CBOD 5 day	7D Conc	40	55.2	8/8/2008
4PG00042*DD	June 2008	001	80082	CBOD 5 day	30D Conc	25	62.4	6/1/2008
4PG00042*DD	June 2008	001	80082	CBOD 5 day	7D Conc	40	62.4	6/15/2008
4PG00042*DD	May 2008	001	80082	CBOD 5 day	30D Conc	25	28.5	5/1/2008
4PG00042*DD	October 2008	001	00530	Total Suspended Solids	30D Qty	5.9	79.0232	10/1/2008
4PG00042*DD	October 2008	001	80082	CBOD 5 day	30D Conc	25	36.	10/1/2008
4PG00042*DD	October 2008	001	80082	CBOD 5 day	30D Qty	2.3	129.310	10/1/2008
4PG00042*DD	July 2008	001	80082	CBOD 5 day	30D Conc	25	60.	7/1/2008
4PG00042*DD	July 2008	001	80082	CBOD 5 day	7D Conc	40	60.	7/22/2008
4PG00042*ED	February 2009	001	80082	CBOD 5 day	30D Conc	25	43.	2/1/2009
4PG00042*ED	February 2009	001	80082	CBOD 5 day	7D Conc	40	43.	2/1/2009