



State of Ohio Environmental Protection Agency

Southeast District Office

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Logan, Ohio 43138

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

June 25, 2010

Re: Washington County
Washington County Commissioners
Wastewater Treatment Plants
Compliance Evaluation Inspections
Correspondence (PWW)

Ms. Cora Marshall, Commissioner
Washington County Commissioners
Putnam Street
Marietta, Ohio 45750

Dear Ms. Marshall:

On May 26, 2010, Compliance Evaluation Inspections (CEI) were conducted at the Washington County Commissioners' owned wastewater treatment plants. The plants inspected were: Riverview, Stacy Meadowcrest, Devola and Deerfield Estates. The purpose of the inspections was to determine the County's compliance with its National Pollutant Discharge Elimination System (NPDES) Permits for each of these facilities. Present for the inspections were Craig Barker representing Washington County Commissioners and Stephen Wells representing Ohio EPA, Division of Surface Water, Southeast District Office. No wastewater samples were collected during the inspection. A copy of my inspection report for each plant is attached. A summary of my comments for each of the inspections are below.

Riverview

1. The County is currently in the process of re-lining the collection system in order to help reduce inflow and infiltration (I/I) into the collection system. Manholes are also being inspected and either repaired or replaced as needed.
2. A Permit to Install (PTI) has been issued to connect this plant to the Blue Herron which is connected to the Vincent-Barlow force main. Please update this office on the connection of Riverview to the Blue Herron Lift Station.

Stacy Meadowcrest

1. The two of the sand filters were covered with solids. The solids washout was suspected to be caused by the inability to remove solids and I/I into the collection system. The sand filters need to be cleaned as soon as the filters are dried out.

2. The County needs to continue working on the removal of I/I from the collection. The removal of I/I should help with the washout of solids onto the sand filters.
3. The County has reported chlorine residual violations at this plant. In discussing this issue with Mr. Barker, one of the problems may be due to lack of residence time or mixing with the use of the tablet dechlorinator. The County needs to continue looking at ways to address the chlorine violations.

Deerfield

1. The flow meter is out of service and needs to be repaired or replaced. Please inform this office when the flow meter is put back into service.
2. An accurate flow rate at the treatment plant cannot be determined due to a leak either around the sand filter beds or chlorine contact tank. The County needs to determine where the wastewater is leaking out and fix this problem and also be able to determine an accurate effluent flow rate. Please inform this office when the leaking around the sand filters and/or the chlorine contact tank is fixed and an accurate effluent flow rate can be determined.
3. One of influent pumps was out of service at the time of the inspection. According to Mr. Barker, a new influent pump is on order. Please inform this office when the new influent is put into service.

Devola

1. The County has worked to remove I/I from the collection system. The County still needs to continue working removing I/I from the collection system.
2. The effluent basin needs to be cleaned out. There is algae growth in the basin. Please inform this office when the effluent basin is cleaned.

Comments Applicable to All Plants

1. All the plants are having problems with removing sludge. The County currently has no place to remove solids, except for Devola. Ohio EPA is working with Fouss Septic on getting them an NPDES Permit to allow for solids removal to occur.
2. All the plants need to have a composite sampler for effluent as required by the NPDES Permit. The County has been collecting manual composite sample which is acceptable till a composite sampler can be put into operation.
3. The County needs to look at getting a dumpster for each of the plants to allow for the solids from the sand filters to be disposed of at a landfill.

The Ohio EPA strongly encourages pollution prevention as the preferred approach for waste management. The first priority of pollution prevention is to eliminate the generation of wastes and pollutants at the source (source reduction). For those wastes or pollutants that are generated, the second priority is to recycle or reuse them in an environmentally sound manner. You can benefit economically, help preserve the environment, and improve your public image by implementing pollution prevention programs. For more information about pollution prevention, including fact sheets or U.S. EPA's "Facility Pollution Prevention Guide" (EPA/600/R-92.008), please contact the Ohio EPA Pollution Prevention Section at (614) 644-3469.

In conclusion, the Washington County Commissioners appeared to be in marginal compliance with their NPDES Permits at the time of the inspection.

Please respond to the above comments noted above in writing to this office within 20 days of receipt of this letter.

If you have any questions, feel free to contact me at (740) 380-5434.

Sincerely,



Stephen Wells
District Representative
Division of Surface Water

SW/dh

Enclosure

c: Craig Barker, Operator, Washington County Sewer Department

NPDES
Compliance Inspection Report

A. NATIONAL DATA SYSTEM CODING

Permit No.	NPDES No.	Date	Inspection Type	Inspector	Facility Type
OPG00021*GD	OH0050831	May 26, 2010	C	S	1

B. FACILITY DATA

Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Washington County Commissioners Riverview Wastewater Treatment Plant Township Road 1280 Belpre Township, Ohio		February 1, 2007
	Exit Time	Permit Expiration Date
		January 31, 2012

Name(s) and Title(s) of On-Site Representative(s)	Phone Number(s)
Craig Barker, Operator	(740) 376-7073
Name, Address and Title of Responsible Official	Phone Number
Washington County Commissioners 223 Putnam Street Marietta, Ohio 45750	(740) 373-6623

C. AREAS EVALUATED DURING INSPECTION

- | | | |
|--------------------------------------|---------------------------------------|-------------------------------------|
| <u> </u> S Permit | <u> </u> U Flow Measurement | <u> </u> N/A Pretreatment |
| <u> </u> S Records/Reports | <u> </u> S 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> S Sludge Storage/Disposal | <u> </u> Other |
| <u> </u> S Collection System | | |

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

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

See attached report


Stephen Wells, Inspector, Ohio EPA, Southeast District Office

6/25/10
Date


Timothy M. Campbell, Reviewer, Ohio EPA, Southeast District Office

6/25/10
Date