



State of Ohio Environmental Protection Agency

Southwest District Office

401 E. Fifth St.
Dayton, Ohio 45402

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www.epa.state.oh.us

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

September 10, 2009

Village of New Richmond
Attn: Mr. David Kennedy
102 Willow Street
New Richmond, OH 45157

Copy 38

**RE: Village of New Richmond WWTW/Reconnaissance Inspection
NPDES Permit No. OH0021156/OEPA PERMIT NO. 1PB00022*FD**

Dear Mr. Kennedy:

On September 9, 2009, I conducted an NPDES Reconnaissance Inspection at the Village of New Richmond wastewater treatment works (WWTW). No one from the Village was present during the inspection due to previous commitments. I did, however, speak with Ken Shearwood (operator of record) at the midpoint of the inspection, and yourself at the end of the inspection.

All evaluated areas received a "Satisfactory" rating; however, there are items for correction within the report (in **bold** type).

Thank you and your staff for the time extended during the inspection process. If you have any questions, please feel free to contact me by phone at (937) 285-6029 or by e-mail at joshua.jackson@epa.state.oh.us.

Respectfully,

Joshua Jackson
Environmental Specialist II
Division of Surface Water

Cc: Ken Shearwood, Village of New Richmond (with report)

Enclosures



State of Ohio Environmental Protection Agency
Southwest District Office

NPDES Compliance Inspection Report

Section A: National Data System Coding					
Permit #	NPDES#	Month/Day/Year	Inspection Type	Inspector	Facility Type
1PB00022*FD	OH0021156	9/9/2009	R	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Village of New Richmond WWTW 1032 Front Street New Richmond, Clermont County	10:40 a.m.	11/1/2008
	Exit Time	Permit Expiration Date
	11:40 a.m.	3/31/2011
Name(s) and Title(s) of On-Site Representatives		Phone Number(s)
Ken Shearwood, Operator of Record Jeff Knoechel, Operator		513-553-4160
Name, Address and Title of Responsible Official		Phone Number
David Kennedy, Village Administrator Village of New Richmond 102 Willow Street New Richmond, OH 45157		513-553-4146

Section C: Areas Evaluated During Inspection					
(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)					
<input checked="" type="checkbox"/>	Permit	<input checked="" type="checkbox"/>	Flow Measurement	<input checked="" type="checkbox"/>	Pretreatment
<input checked="" type="checkbox"/>	Records/Reports	<input checked="" type="checkbox"/>	Laboratory	<input checked="" type="checkbox"/>	Compliance Schedule
<input checked="" type="checkbox"/>	Operations & Maintenance	<input checked="" type="checkbox"/>	Effluent/Receiving Waters	<input checked="" type="checkbox"/>	Self-Monitoring Program
<input checked="" type="checkbox"/>	Facility Site Review	<input checked="" type="checkbox"/>	Sludge Storage/Disposal	<input checked="" type="checkbox"/>	Other
<input checked="" type="checkbox"/>	Collection System				

Section D: Summary of Findings (Attach additional sheets if necessary)

See attached report.

Inspector	Reviewer
 Joshua Jackson Division of Surface Water Southwest District Office	 Martyn Burt Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office
9-10-09 Date	9/11/09 Date

Inspection Findings

The Village of New Richmond wastewater treatment works (WWTW) is permitted to treat and discharge an average daily flow of 0.55 million gallons/day (MGD). A review of the discharge monitoring reports (DMRs) from September 2008 through July 2009, show an average daily flow of 0.27 MGD.

A review of the discharge monitoring report (DMR) data submitted by the Village from September of 2008, through July of 2009 shows the following effluent violations:

EFFLUENT LIMIT VIOLATIONS

(Period of Review: September 2008 – July 2009)

7D = Weekly 30D = Monthly 1D = Daily

Conc. = Concentration (mg/l) Qty. = Quantity (Kg/Day)

Reporting Period	Parameter	Limit Type	Limit	Reported Value
October 2008	Fecal Coliform	30D Conc	200	251.594
October 2008	Fecal Coliform	7D Conc	400	970.
October 2008	Fecal Coliform	7D Conc	400	473.286
February 2009	pH	1D Conc	9.0	9.6

Mr. Ken Shearwood is the Operator of Record for the Village of New Richmond wastewater treatment works (WWTW) and the water treatment plant. An "Operator of Record Notification Form" is required to be completed and submitted to Ohio EPA for both facilities (required by Ohio Administrative Code 3745-07). **I have attached this form to be completed and submitted by no later than October 1, 2009.**

During the inspection it was noted that the operator of record log, required by Ohio Administrative Code 3745-7-09, did not have any entries by the operator of record (there were entries by Mr. Knoechel). The following language appears in the rule:

(A) The owner and operator of record of a public water system, treatment works or sewerage system shall maintain or cause to be maintained operation and maintenance records for each public water system, water treatment plant within a public water system, treatment work, or wastewater treatment facility within a treatment works. Some of the formats in which the records may be maintained include, but are not limited to, hard bound books with consecutive page numbering, time cards, separate operation and maintenance records, or well organized computer logs.

1) The records shall be housed and maintained in such a manner as to be protected from weather damage and guarantee the authenticity and accuracy of the records contained within.

- (2) *The records shall be accessible onsite for twenty-four hour inspection by agency or emergency response personnel.*
- (3) *At a minimum, the following information shall be recorded:*
 - (a) *Identification of the public water system, sewerage system, or treatment works;*
 - (b) *Date and times of arrival and departure for the operator of record and any other operator required by this chapter;*
 - (c) *Specific operation and maintenance activities that affect or have the potential to affect the quality or quantity of sewage or water conveyed, effluent or water produced;*
 - (d) *Results of tests performed and samples taken, unless documented on a laboratory sheet;*
 - (e) *Performance of preventative maintenance and repairs or requests for repair of the equipment that affect or have the potential to affect the quality or quantity of sewage or water conveyed, effluent or water produced; and*
 - (f) *Identification of the persons making entries.*
- (4) *The records shall be kept up to date, contain a minimum of the previous three months of data at all times, and be maintained for at least three years.*

Mr. Shearwood shall begin making entries in logbook that document his arrival and departure on WWTW grounds, as well as all other requirements shown above. I spoke with Mr. Shearwood on September 10, 2009, and he agreed to begin immediately.

Items Noted During the Inspection

- The Village will be relining over 3,000 feet of sewers in manholes within the collection system in an effort to reduce the rain derived inflow & infiltration.
The Village advertised for bids on a clarifier improvement project that will significantly reduce annual maintenance requirements.
- The aerobic digesters were full at the time of the inspection. Operations staff are hopeful they will be able dewater a significant amount of sludge later in the week.
- The mixed liquor in the aeration basins were chocolate brown in color with an earthy smell. The clarifiers were clear several feet down, although there were some solids accumulation on the submerged weirs.
- The final effluent from the ultraviolet disinfection system was clear and free from observable solids.
- The outfall could not be observed from the river bank because of weed overgrowth; it is doubtful that the outfall sign could be read from the river due to the same problem. **The Village should clear these weeds without delay and include this work in the regular maintenance program.**



Operator of Record (ORC) Notification Form

Ohio Environmental Protection Agency
 Division of Drinking and Ground Waters
 Operator Certification Unit
 50 West Town St, Suite 700
 P.O. Box 1049
 Columbus, OH 43216-1049

Phone: (614) 644-2752
 1- 866 - 411-OPCT (6728)
 Fax: (614) 644-2909
 email: opcert@epa.state.oh.us
 website: www.epa.state.oh.us/ddagw/opcert.html

I. SYSTEM INFORMATION

Name of System: _____ Phone Number: _____

PWS ID/NPDES Permit #: _____ STU # _____ Classification: _____

Name of Facility Owner or Permittee, Title (Print) _____ Facility Owner or Permittee (Signature) _____

II. SYSTEM TYPE (Check only one of the following. Use additional sheets if necessary.)

Public Water System (PWS)	Distribution System	Treatment Works	Collection System

III. OPERATOR OF RECORD INFORMATION

Add Additional(A), New (N) or Remove(R)	Name of Operator of Record	Certification Number & Expiration Date	I verify that I am the onsite certified operator responsible for the technical operation of the above referenced facility. (Signature of certified operator)*

* A signature by an operator of record who is being removed is not required.
 (Attach additional sheets if necessary.)

Amount of time an ORC spends onsite at the Facility: _____

For Internal Use Only	
Reviewed by: _____	Date of SDWIS update: _____
Date of Compliance Status Letter: _____	