



Environmental  
Protection Agency

Ted Strickland, Governor  
Lee Fisher, Lt. Governor  
Chris Korleski, Director



\*1PA0010420070823\*

BROWN

RUSSELLVILLE WWTP

WARE, RONALD

2007/08/23



State of Ohio Environmental Protection Agency

**Southwest District Office**

401 E. Fifth St.  
Dayton, Ohio 45402

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

August 23, 2007

Mayor and Council  
Village of Russellville  
P.O. Box 158  
Russellville, Ohio 45168

**Re: Village of Russellville WWTP, NPDES Permit No. 1PA00104\*BD / OH0048682  
Reconnaissance Inspection and Notice of Violation**

Dear Mayor and Council:

On Tuesday, June 26, 2007, Ron Ware of this office conducted a Reconnaissance Inspection at the above referenced facility. John Van Harlingen represented the Village during the inspection. The purpose of the inspection was to evaluate several aspects of plant operation and performance. In addition, information gathered during the inspection assists in the determination of compliance with the NPDES permit. As indicated in the attached report, three areas evaluated during the inspection were rated either as "marginal" or "unsatisfactory."

"Operations and Maintenance" received an "unsatisfactory" rating due to the condition of the land application system and the fact that it has not been used in over four years. The land application system needs to be operational in the event that flow conditions in the receiving stream do not allow a controlled discharge to occur.

"Flow Measurement" received a "marginal" rating due to the condition of the flow meters at this facility (on the effluent line from the controlled discharge lagoon and at the receiving stream).

"Effluent/Receiving Waters" received an "unsatisfactory" rating due to violations of the final effluent limitations for ammonia nitrogen in this facility's current NPDES permit (1PA00104\*BD) that have occurred over the past year. Given this facility's inability to comply with its final effluent limitation for ammonia nitrogen for the past five years, we recommend that the Village of Russellville contact our Central Office in Columbus to enquire about our Municipal Assistance program. Our Municipal Assistance program is designed to offer assistance to municipal wastewater treatment facilities that are having difficulties complying with the limitations and conditions in their effluent discharge permits. For more information on our Municipal Assistance program, please contact

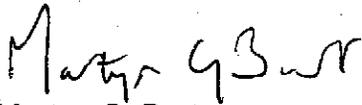
Mayor and Council  
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Cathy Alexander of the Permits & Compliance Section at (614) 644-2021.

Please provide this office with a written description of any actions, either taken or proposed, to correct these problems. This written description should include the dates, either actual or proposed, for completion of these actions. Please provide this office with this written response within thirty days of receipt of this letter.

If you have any questions regarding this report, please contact Mr. Ware at (937) 285 - 6098.

Sincerely,



Martyn G. Burt  
Compliance and Enforcement Supervisor

cc: John Van Harlingen, The H<sub>2</sub>O Company

MB/cja



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
1PA00104*BD	OH0048682	6/26/2007	R	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Village of Russellville WWTP Fairgrounds Drive Russellville, Ohio 45168	1:00 PM	11/1/2002
	Exit Time	Permit Expiration Date
	1:45 PM	10/31/2007
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
John Van Harlingen, Sewer Department	(937) 378 - 3257	
Name, Address and Title of Responsible Official	Phone Number	
John Sharp, Mayor Village of Russellville P. O. Box 158 Russellville, Ohio 45168	(937) 377 - 9129	

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

Section D: Summary of Findings (Attach additional sheets if necessary)	
Refer to attached report and cover letter.	
Inspector	Reviewer
Ron Ware 8/23/07	Martyn Burt 8/23/07
Ron Ware Division of Surface Water Southwest District Office	Martyn Burt Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office

**Items noted during the inspection**

1. One of the surface aerators was running on the treatment lagoon at the time of the inspection. The aerators operate on a rotating basis.
2. The land application piping for disposal of treated effluent from the plant is located in the woodlands that surround the treatment plant. Portions of this piping are in need of repair. A review of this facility's monthly operating reports indicates that the land application system has not been used in over four years.
3. A yard hydrant has been installed on the effluent line from the controlled discharge lagoon for the purposes of sampling the treated effluent prior to discharge. The flow meter on this effluent line is currently inoperable and needs to be repaired.
4. The flow meter in the discharge structure in the receiving stream (the West Fork of Eagle Creek) is currently inoperable and needs to be repaired. The upstream stream flow readings are currently being taken by physically observing the water height behind the weir in the discharge structure.

**Items requiring correction**

1. A review of the WWTP's monthly operating reports (May 2006 thru April 2007) revealed the following final effluent violations:

Reporting Period	Station	Parameter	Limit/Type	Limit	Reported Value	Violation Date
May 2006	001	Nitrogen, Ammonia (NH3)	30D Conc	3.0	4.86	5/1/2006
May 2006	001	Nitrogen, Ammonia (NH3)	7D Conc	4.5	4.86	5/15/2006
June 2006	001	Nitrogen, Ammonia (NH3)	30D Conc	3.0	3.68	6/1/2006
Sept. 2006	001	Nitrogen, Ammonia (NH3)	30D Conc	3.0	4.9	9/1/2006
Sept. 2006	001	Nitrogen, Ammonia (NH3)	7D Conc	4.5	4.9	9/15/2006
Oct. 2006	001	Nitrogen, Ammonia (NH3)	30D Conc	3.0	5.61	10/1/2006
Oct. 2006	001	Nitrogen, Ammonia (NH3)	7D Conc	4.5	4.86	10/8/2006
Oct. 2006	001	Nitrogen, Ammonia (NH3)	7D Conc	4.5	6.36	10/15/2006
Nov. 2006	001	Nitrogen, Ammonia (NH3)	7D Conc	3.0	6.24	11/1/2006
Nov. 2006	001	Nitrogen, Ammonia (NH3)	30D Conc	4.5	6.24	11/8/2006
Jan. 2007	001	Nitrogen, Ammonia (NH3)	30D Conc	3.0	7.6	1/1/2007
Jan. 2007	001	Nitrogen, Ammonia (NH3)	7D Conc	4.5	8.6	1/8/2007
Jan. 2007	001	Nitrogen, Ammonia (NH3)	7D Conc	4.5	6.6	1/15/2007
March 2007	001	Nitrogen, Ammonia (NH3)	30D Conc	3.0	6.2	3/1/2007
March 2007	001	Nitrogen, Ammonia (NH3)	7D Conc	4.5	6.3	3/1/2007
March 2007	001	Nitrogen, Ammonia (NH3)	7D Conc	4.5	6.1	3/22/2007
April 2007	001	Nitrogen, Ammonia (NH3)	30D Conc	3.0	4.55	4/1/2007
April 2007	001	Nitrogen, Ammonia (NH3)	7D Conc	4.5	4.8	4/15/2007