



**Environmental
Protection Agency**

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



1PB0010020081113

BROWN

ABERDEEN WWTP

JACKSON, JOSHUA 2008/11/13

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MAYOR & COUNCIL
 VILLAGE OF ABERDEEN
 PO BOX 509
 ABERDEEN OH 45101

2. Article Number

(Transfer from service label)

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x *Lorna Julia* Agent
 Addressee

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C. Date of Delivery

1/17/08

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City, State, ZIP+4 Aberdeen OH 45101

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PS Form 3800, August 2006 (Reverse) PSN 7530-02-000-9047



State of Ohio Environmental Protection Agency

Southwest District Office

401 E. Fifth St.
Dayton, Ohio 45402

TELE: (937) 285-6357 FAX: (937) 285-6249
www.epa.state.oh.us

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

November 12, 2008

Mayor & Council
Village of Aberdeen
P.O. Box 509
Aberdeen, OH 45101

Certified Mail

Corresp.
**RE: Village of Aberdeen WWTW/Compliance Evaluation Inspection
NPDES Permit No. OH0023825/OEPA PERMIT NO. 1PB00100*HD**

Ladies & Gentlemen:

On November 6, 2008, Joshua Jackson of this office conducted an NPDES Compliance Evaluation Inspection at the Village of Aberdeen wastewater treatment works (WWTW). Mr. Elliott Lindsey (operator of record) was present during the inspection.

A copy of Mr. Jackson's report on the inspection is enclosed. Operational and facility improvements have been made since the last inspection, but there are still a few items to address. These items are shown within the report.

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

Respectfully,

Martyn Burt
Compliance & Enforcement Supervisor
Division of Surface Water

Cc: Elliott Lindsey, Village of Aberdeen (with report)

Enclosures





State of Ohio Environmental Protection Agency
Southwest District Office

NPDES Compliance Inspection Report

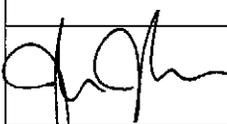
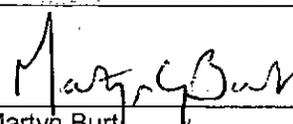
Section A: National Data System Coding					
Permit #	NPDES#	Month/Day/Year	Inspection Type	Inspector	Facility Type
1PB00100*HD	OH0023825	11/6/2008	C	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Village of Aberdeen WWTW 901 High Street Aberdeen, Brown County	10:15 a.m.	8/1/2007
	Exit Time	Permit Expiration Date
	11:30 p.m.	7/31/2012
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Elliott Lindsey, Operator of Record	937-795-2212 (office) 937-795-4012 (cell phone)	
Name, Address and Title of Responsible Official	Phone Number	
Mayor & Council Attn: Mayor Garland Renchen PO Box 509 Aberdeen, OH 45101	937-795-2212	

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

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

See attached report.

Inspector	Reviewer
	
11-12-08	11/13/08
Joshua Jackson Division of Surface Water Southwest District Office	Martyn Burt Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office
Date	Date

Inspection Findings (Items for Correction in Bold)

The purpose of this inspection was to follow-up on an inspection performed on April 30, 2008. During the course of the previous inspection, several items were rated as "Marginal" and "Unsatisfactory" and it became obvious the wastewater treatment works (WWTW) was being neglected.

Although there were some deficiencies noted during the course of this most recent inspection, improvements had been made and Mr. Lindsey had started to organize records and keep an operator's log required by OAC 3745-7-04. He had also been spending at least 20 hours per week at the WWTW.

Effluent Limit Violations

(Period of Review: March 2008 – October 2008)

7D = Weekly 30D = Monthly 1D = Daily
Conc. = Concentration (mg/l) Qty. = Quantity (Kg/Day)

Reporting Period	Parameter	Limit Type	Limit	Reported Value
July 2008	Fecal Coliform	30D Conc	200	688.857
July 2008	Fecal Coliform	7D Conc	400	3200.
July 2008	Fecal Coliform	7D Conc	400	6148.17
September 2008	Fecal Coliform	7D Conc	400	2220.36

A review of the files showed that the Village submitted self-notification reports for all of the NPDES exceedences listed above.

Items Noted During the inspection

1. Aeromod had suggested a different design for the clarifier skimmer mechanisms so they would not break off from the air header; this has been a chronic problem at the WWTW. Mr. Lindsey was in the process of replacing all the skimmers with the new design and expected this process to be completed within the next three weeks. All skimmers were operational at the time of the inspection.
2. Part II, Item T., of the Village NPDES permit requires the following:

Not later than 4 months (December 1, 2007) from the effective date of this permit, the permittee shall post a permanent marker on the stream bank at each outfall that is regulated under this NPDES permit and discharges directly to the Ohio River. This includes final outfalls, storm water outfalls, and combined sewer overflows. The

marker shall consist at a minimum of the name of the establishment to which the permit was issued, the Ohio EPA permit number, and the outfall number and a contact telephone number. The information shall be printed in letters not less than two inches in height. The marker shall be a minimum of 2 feet by 2 feet and shall be a minimum of 3 feet above ground level. The sign shall be not be obstructed such that persons in boats or persons swimming on the river or someone fishing or walking along the shore cannot read the sign. Vegetation shall be periodically removed to keep the sign visible. If the outfall is normally submerged the sign shall indicate that. If the outfall is a combined sewer outfall, the sign shall indicate that untreated human sewage may be discharged from the outfall during wet weather and that harmful bacteria may be present in the water.

At the time of the inspection, the outfall sign was not posted. Mr. Lindsey stated that the sign had been stolen since the time of the last inspection. He will post a replacement sign in a location that will not be easily accessible.

3. Three UV lights were out at the time of the inspection. Mr. Lindsey has since submitted a letter stating there were faulty seals on the module. He has remedied the situation and will clean the UV bulbs more frequently since there have been Fecal Coliform violations in July and September of 2008.
4. Three different air diffusers appeared to be plugged in the aeration tanks. Mr. Lindsey stated that he would correct this problem in the next three weeks.
5. The sludge inventory in the WWTW was running high at the time of the inspection. The sludge holding tanks and digestors were approaching a level that would have a negative impact on plant efficiency. Mr. Lindsey stated that it was due to the inability of the sludge hauler to be available. This is not the first time that the Village had old sludge in the plant due to this reason. Ohio EPA strongly recommends that the Village pursue other options; either contract with another hauler who is more available or utilize a different method of sludge disposal.
I spoke with Mr. Lindsey about how more and more small communities are utilizing geotextile woven bags for sludge dewatering and disposal. The start-up and operating costs are low when compared to other methods.



11-11-11