



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Washington, D.C. 20460

Form Approved
OMB No. 2040-0003
Approval Expires 7-31-85

NPDES Compliance Inspection Report

Section A: National Data System Coding

Transaction Code	NPDES	yr/mo/day	Inspec. Type	Inspector	Fac Type
1 <input type="checkbox"/> N <input type="checkbox"/> 2 <input type="checkbox"/> 5 <input type="checkbox"/> 3 <input type="checkbox"/> A <input type="checkbox"/> R <input type="checkbox"/> 0 <input type="checkbox"/> 0 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> 7 <input type="checkbox"/> 9 <input type="checkbox"/> 2 <input type="checkbox"/> 11 <input type="checkbox"/> 12 <input type="checkbox"/> 0 <input type="checkbox"/> 7 <input type="checkbox"/> 0 <input type="checkbox"/> 5 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> 17 <input type="checkbox"/> 18 <input type="checkbox"/> R <input type="checkbox"/> 19 <input type="checkbox"/> S <input type="checkbox"/> 20 <input type="checkbox"/> 1	Remarks				
<input type="checkbox"/> A <input type="checkbox"/> F <input type="checkbox"/> I <input type="checkbox"/> N <input type="checkbox"/> 0 <input type="checkbox"/> 8 <input type="checkbox"/> - <input type="checkbox"/> 0 <input type="checkbox"/> 0 <input type="checkbox"/> 0 <input type="checkbox"/> 3 <input type="checkbox"/> 4					
Inspection Work Days	Facility Evaluation Rating	BI	QA	Reserved	
67 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 69	70 <input type="checkbox"/> N	71 <input type="checkbox"/> N	72 <input type="checkbox"/> N	73 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	74 75 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 80

Section B: Facility Data

Name and Location of Facility Inspected (For industrial users discharging to POTW, also include POTW name and NPDES permit number) City of Berryville 1000 W Cedarvale S26 T20N R25W in Carroll County	Entry Time /Date 1245/05-21-07	Permit Effective Date 11/01/02
	Exit Time/Date 1440/05-21-07	Permit Expiration Date 10/31/07
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) Darrell Backs/Chief Operator/870-423-3749/No fax	Other Facility Data GPS Coordinates of Outfall 001: N36.35640 W93.58091	
Name, Address of Responsible Official/Title/Phone and Fax Number Kirby Murray/Public Works Director/870-423-4074/870-423-4501 City of Berryville P.O. Box 227, Berryville, AR 72616	Contacted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
GPS Coordinates at Gate: N36.35718 W93.57895		

Section C: Areas Evaluated During Inspection (S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

<input type="checkbox"/> S	Permit	<input type="checkbox"/> N	Flow Measurement	<input type="checkbox"/> U	Operations & Maintenance	<input type="checkbox"/> N	Sampling
<input type="checkbox"/> N	Records/Reports	<input type="checkbox"/> N	Self-Monitoring Program	<input type="checkbox"/> U	Sludge Handling/Disposal	<input type="checkbox"/> U	Pollution Prevention
<input type="checkbox"/> U	Facility Site Review	<input type="checkbox"/> N	Compliance Schedules	<input type="checkbox"/> N	Pretreatment	<input type="checkbox"/> N	Multimedia
<input type="checkbox"/> N	Effluent/Receiving Waters	<input type="checkbox"/> N	Laboratory	<input type="checkbox"/> U	Storm Water	<input type="checkbox"/>	Other:

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

Refer to letter for summary of findings and listed violations.

Name(s) and Signature(s) of Inspector(s) John Fazio	Agency/Office/Telephone/Fax Arkansas Dept. of Environmental Quality/ Fayetteville/479-267-0811	Date May 21, 2007
Signature of Reviewer	Agency/Office/Phone and Fax Numbers	Date

ADEQ

ARKANSAS
Department of Environmental Quality

June 7, 2007

Kirby Murray, Public Works Director
City of Berryville
P.O. Box 227
Berryville, AR 72616

RE: AFIN: 08-00034

NPDES Permit No.: AR0021792

Dear Mr. Murray:

On May 21, 2007, I performed a reconnaissance compliance inspection of the Berryville waste water treatment facility in accordance with the provisions of the federal Clean Water Act, the Arkansas Water and Air Pollution Control Act, and the regulations promulgated there under. The inspection was conducted following a complaint that a sludge transfer pump at the POTW had been leaking sludge while in operation and that the sludge had entered Freeman Creek each time this pump was used. The complainant stated that this had been occurring regularly over a period of several years. This inspection revealed the following violations:

1. Failure to properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of the permit. This is in violation of Part II.B.1.a of your permit. Mr. Darrell Backs, Chief Operator, stated that the #M28 pump, which is used to transfer sludge from open sludge holding tank #1 to open sludge holding tank #2, had been in operation for several hours on 5/14/07, and had leaked approximately 10 gallons of sludge during the time it was in operation. Based on his statement, I asked him to have the pump turned on. When it was turned on, the pump was observed leaking sludge at a conservatively estimated rate of 0.5 – 1.0 gal/min. Mr. Backs concurred with this leak rate estimate. According to the POTW's operations and maintenance logs, this pump was in operation on 5/14/07 from 1530 to 2315. This operation duration indicates that the pump released approximately 250-500 gallons of sludge to the environment on 5/14/07. Mr. Backs stated that he was aware that this pump has been leaking sludge during its operation for several years, that they were unable to locate parts to repair the pump leaks, and that the pump was due for replacement.
2. A small berm, constructed as an attempt to contain sludge leakage from the pump, and a kill zone was observed between the pump and Freeman Creek. It was apparent that the released sludge was transported around the berm and into Freeman Creek. This is in violation of Regulation 2.408, the Arkansas Water and Air Pollution Control Act 8-4-217, (a)(1) and the No Exposure Certification for storm water.

WATER DIVISION

3. Failure to take all reasonable steps to minimize or prevent any discharge in violation of the permit which has reasonable likelihood of adversely affecting human health or the environment. This is in violation of Part II.B.3 of your permit. Mr. Backs neglected to repair, replace, or discontinue use of the #M28 pump despite his knowledge that operation of the pump would release sludge to the environment.
4. Failure to report to the ADEQ repeated sludge releases from the #M28 pump to the environment. These releases should have been reported to the ADEQ within 24 hours from the time the permittee became aware of the circumstances. This is in violation of Part II.D.6 of your permit. Operation and maintenance (O&M) logs were reviewed for the months of March 2007 through May 2007. According to these logs, the subject pump was in operation for sludge transfer on 5/14/07 from 1530 to 2315. Notes in the O&M logs at 2315 on 5/14/07 are as follows: "Stopped transferring sludge, turned off M-28, closed valves, one in sidewalk, one in gas house, hosed off area around M-28 for appearance purposes only". The O&M logs indicate that on 4/15/07, the pump was in operation from 0855 to 2110 and that on 3/30/07, it was in operation from 0800 to 1835. I asked Mr. Backs for copies of the logs to document additional dates and times of operation of the #M28 pump, but he stated that there was no copy machine at the POTW. Although I advised Mr. Backs to report the latest (5/14/07) sludge release to the ADEQ, this incident has not been reported to date.
5. Presence of waste solids on a narrow patch of ground surface between the U.V. disinfection unit and Freeman Creek. Mr. Backs explained that staff routinely rinses onto the ground solids that accumulate on a baffle screen located before the U.V. disinfection unit. This is in violation of Part II.B.6 of your permit, the Arkansas Water and Air Pollution Control Act 8-4-217, (a)(1) and the No Exposure Certification for storm water. Mr. Backs could provide no explanation as to why solids were present in the waste water stream at this stage of the treatment process.
6. A fuel AST system located behind the POTW office was found to have released petroleum product onto the ground surface. In addition, a sludge leak from the open sludge holding tank #1 was observed. This is in violation of the Arkansas Water and Air Pollution Control Act 8-4-217, (a)(1) and the No Exposure Certification for storm water.

The above items require your immediate attention. Please submit a written response to these findings to the Enforcement Branch of the Water Division when the violations have been corrected. This response should contain documentation describing the courses of action taken to correct the items noted. These corrective actions should be completed as soon as possible, and the written response is due by June 28, 2007.

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Kirby Murray
AR0021792
June 7, 2007

If you have any questions concerning these matters, you can contact me at 479-267-0811, ext. 16.

Sincerely,

A handwritten signature in black ink, appearing to read "John Fazio". The signature is written in a cursive, somewhat stylized font.

John Fazio
District Field Inspector
Water Division

cc: Enforcement Branch
Permits Branch