Form Approved OMB No. 2040-0003

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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A F I N 0 4 - 0 0 1 5 4	ector Fac. Type S 20 1		
Section B: Facility Data			
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Name and Location of Facility Inspected (For industrial users discharging to POTW, also include POTW name and NPDES permit number) City of Bentonville Wastewater Treatment Plant Entry Time/Date January 1, 2004	Date		
1901 N.E. A Street Bentonville, Arkansas 72712 Exit Time/Date 1515 / 09-19-08 Permit Expiration December 31, 20			
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) Belva Plumlee, Wastewater Utility Manager, 479-271-3160, 479-271-3163 (fax) Nancy Busen, Lab/Pretreatment Supervisor, 479-271-3160, 479-271-3163 (fax)			
Name, Address of Responsible Official/Title/Phone and Fax Number Belva Plumlee, Wastewater Utility Manager, 479-271-3160, 479-271-3163 (fax) City of Bentonville 115 W. Central Bentonville, Arkansas 72712 Contacted Yes No			
Section C: Areas Evaluated During Inspection (S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)			
N Permit N Flow Measurement N Operations & Maintenance M Sampling			
N Records/Reports N Self-Monitoring Program N Sludge Handling/Disposal N Pollution Prevent	tion		
S Facility Site Review N Compliance Schedules N Pretreatment N Multimedia			
S Effluent/Receiving Waters N Laboratory N Storm Water Other:			
Section D: Summary of Findings/Comments (Attach additional sheets if necessary)			
A reconnaissance level inspection was performed. The purpose of this inspection was for the NPDES permit engineer to gather information from facility representatives and from the inspector staff in order to write a better and more accurate discharge permit and also to provide compliance assistance regarding the existing and proposed permits. (See following pages for more information and photographs.)			
Name(s) and Signature(s) of Inspector(s) Agency/Office/Telephone/Fax AR Dept. of Environmental Quality- / Jasper Field Office / 870-446-6170/ fax / 870-446-2181 November 19, 20	008		
Signature of Reviewer Agency/Office/Phone and Fax Numbers Date			

Site Visit Summary

Facility: City of Bentonville

Permit Number: AR0022403

Date of site visit: September 19, 2008

Attendees: Belva Plumlee – Wastewater Utilities Manager, phone 479 271 3160

e-mail: BPlumlee@bentonvillear.com

Marysia Jastrzebski, NPDES Permit engineer, ADEQ

Bruce Kirkpatrick, Inspector, ADEQ

Treatment system: Existing system with design flow of 4.0 mgd: bar screen, grit and scum

removal, aeration basins, anoxic basins, final clarifiers, UV disinfection,

post aeration

Coordinates: gate: 36 deg 23' 27.38"

94 deg 12' 14.4" (PDS)

flow monitoring/sampling:

after postaeration:

36 deg 23' 31.7" 94 deg 12' 13.4"

Outfall 001: 36 deg 23' 32.4"

94 deg 12' 12.6"

Discussion: Proposed permit requirements were discussed. Compliance

assistance was provided. Current permit has a 6-hour composite sample requirement for most parameters. Based on EPA guidance, the composite sample duration increases with design flow. Due to the fact that samples must be started after 10:00 a.m. and due to the holding time requirements for some parameters, this 6-hour composite sample cannot be collected/analyzed during normal business hours for treatment facilities and contract laboratories. The facility requested 24-hour composite sampling which EPA permitting guidance considers to be a more stringent monitoring requirement for facilities with larger design flows.

No problems were noted with the effluent or receiving stream.

From Google Earth:



influent:



Primary clarification:



One of two aerated basins (racetrack):



anoxic basins:



Final clarifier effluent:



001 sample point:



Outfall 001:







receiving stream downstream of 001:

