

February 20, 2009

Belva Plumlee, Wastewater Utility Manager Bentonville Wastewater Treatment Plant 1901 N.E. A Street Bentonville, Arkansas 72712

RE: Suspected Collection System Release Investigation

AFIN: 04-00154 NPDES Permit No.: AR0022403

Dear Ms. Plumlee:

On February 10, 2009, I observed what was suspected to be wastewater surfacing in the vicinity of Lift Station #16, located northeast of the intersection of SW I St. and SW 8<sup>th</sup> St. in Bentonville. Although no wastewater odor was noted, an investigation was warranted due to the proximity of the area of surfacing to the lift station.

Mike Roberts, Assistant Wastewater Manager, met me at the lift station. Following his arrival, I contacted Preston Newbill of the Bentonville Water and Sewer Department. Mr. Newbill informed me that water lines were also buried in this area, and that he was aware of the surfacing as it has occurred in this vicinity during the wet season for several years. He stated that the water lines had previously been pressure tested and that no leaks in the lines had been detected.

As a precaution, the Bentonville Wastewater Treatment Plant obtained grab samples of the surfacing water on February 10, 2009. The samples were tested for the presence of fecal coliform bacteria and residual chlorine. I received the analytical results on February 20, 2009. The results revealed that no release from the wastewater plant collection system has occurred.

The Department appreciates your staff's valuable time and your prompt attention to this matter. If I can be of any assistance, please contact me at 479-267-0811, ext. 16.

Sincerely.

John Fazio

District 1 Field Inspector

Water Division

cc: Water Division Enforcement Branch

Water Division Permits Branch

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	Section B: Facility Data  Name and Location of Facility Inspected (For industrial users discharging to POTW, also																					
incli City	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													Permit <b>March</b>			ate					
	1901 N.E. A Street Bentonville, Arkansas 72712  Exit Time/Date 1245 / 02-10-09  Permit Expiration Date February 28, 2014																					
	Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s)  Mike Roberts, Asst. Wastewater Manager, 479-271-3160, 479-271-3167 (fax)  Lift Station #16/Surfacing Location:																					
Name, Address of Responsible Official/Title/Phone and Fax Number  Belva Plumlee, Wastewater Utility Manager  Contacted  36.3644, -94.2217													ing L	ocatio	ш.							
115 Ben	of Bentonville W. Central onville, Arkansas 72712 271-3160, 479-271-3163 (fax)										Yes	<b>√</b>	No									
417	271-5100; 477-271-5105 (IIIA)		(0	G vi							ring Inspe				`	<u> </u>						
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wa	econnaissance inspection was stewater treatment plant lift st nple analytical results indicate	ation	ı/collec	ction s	ysten	n.					f water su	rfaci	ing w	est (	of Lift	Stat	ion #16	ó was	s relat	ed to	the	
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John	Fazio A II					4/9	-207-	v <b>o11</b> ,	ext. I	υ; 479	0-267-0819	(1ax)					rebru	ary 2	20, 200	,		
Sign	ature of Reviewer					Ag	ency/0	Office	e/Phon	e and	Fax Numbe	ers					Date					

	Water Division NPDES Photographic Evidence Sheet												
Location: Bentonville Wastewater Treatment Plant Lift Station #16													
Photograph	er:	: John Fazio				N/A	N/A						
Photo # 1		Of	3		Date:	02/10/09	Time:	1226					
Description	:	Lift St	ation #16	. Looking north.									



 Photographer:
 John Fazio
 Witness:
 N/A

 Photo #
 2
 Of
 3
 Date:
 02/10/09
 Time:
 1226

**Description:** Surfacing immediately west of Lift Station #16. No wastewater odor was noted.



	Water Division NPDES Photographic Evidence Sheet												
Location: Bentonville Wastewater Treatment Plant Lift Station #16													
Photograph	er:	John Fazio			Witness:	N/A	N/A						
Photo # 3		Of	3		Date:	02/10/09	Time:	1235					
Description:		Surfacing and lift station at northeast corner of SW I St. & SW 8 <sup>th</sup> St.											



Photographer:				Witness:		
Photo #		Of		Date:	Time:	
<b>Description:</b>						

ADEQ Water NPDES Inspection	AFIN: <b>04-00154</b>	Permit #: AR0022403

l		Time					Out of	Incubation			
		Sample	Sample	Sample	ml of	Colony	Range	Date and Time		Analyst	
	Date	Caught	I.D. #	Location	Sample	Count	Calc.	Start	End	Start	End
Ī				Blank							
Į	2/10/09		Before		100	0		2/10/09	2/11/09	ES	ES
		1:37pm	209-115	Lift Sta.	10	0		2:18pm	12:30pm		
Į		"	=	Lift Sta.	20	0					
		"	"	Lift Sta.	50	0					
		"	=	Lift Sta.	100	1	1				
				Blank After		0					

## Total Residual Chlorine Plant Influent

U.S. EPA Accepted DPD Hach Method 8167

Date		Date	Time	Time	Sample	Sample		P. Eff. Res. (r		Avg. Cl2 Res.	<b>%</b>
of Run	Analyst	of Sample	of Sample	of Run	I. D. #	Location		Adj.	Act.	(mg/l)	Recovery
2/10/09	ES	2/10/09		1:55 pm		Standard .25	0.25				100%
			1:37 pm		209-114	'l' St. Lift Sta.	0.01	0.01	0.00	<.01	
			"		=	Duplicate	0.01	0.01	0.00	<u>'</u>	
			II .		=	Spike .25	0.24		0.24		96%

## **Sample Collection Form**

## City of Bentonville WWTF Laboratory

## Samples Obtained and Preserved per CFR 40 - 136

Lab	Sample	Sample	Sample	_Sample _	am	Sampled	Sample	Sample	Container	Sample _	Lab
I.D. #	Analysis	Location	Date	Time	pm	Ву	Type	P/G	Vol. mLs	Preservation	Arrival Time
		Lift Station 'I' +									
209-114	Cl2	8th	2/10/09	1:37	pm	ES	G	G	250	4° C	1:47 pm
		Lift Station 'I' +									
209-115	FECAL	8th	2/10/09	1:37	pm	ES	G	G	250	4° C	1:47 pm