

ADEQ

ARKANSAS
Department of Environmental Quality

May 26, 2009

Mike Sims, Wastewater Superintendent
City of DeQueen
P.O. Box 730
DeQueen, AR 71832

RE: Sanitary Sewer Overflow Inspection

AFIN: 67-00023

NPDES Permit No.: AR0021733

Dear Mr. Sims:

On May 19, 2009, I performed a Sanitary Sewer Overflow Inspection of your facility in accordance with the provisions of the federal Clean Water Act, the Arkansas Water and Air Pollution Control Act and the regulations promulgated thereunder. This inspection revealed that you are in compliance with terms of your permit.

If I can be of any assistance, please contact me at (870) 389-6970.

Sincerely,



Shan Lynch
District 12 Field Inspector
Water Division

cc: Water Division Enforcement Branch
Water Division Permits Branch

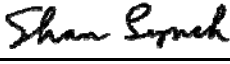
 <p style="text-align: center;">UNITED STATES ENVIRONMENTAL PROTECTION AGENCY Washington, D.C. 20460</p> <h2 style="text-align: center;">NPDES Compliance Inspection Report</h2>	Form Approved OMB No. 2040-0003
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Section A: National Data System Coding																													
Transaction Code			NPDES								Yr/Mo/Day					Inspec. Type		Inspector		Fac. Type									
1	N	2	5	3	A	R	0	0	2	1	7	3	3	11	12	0	9	0	5	1	9	17	18	V	19	S	20	1	
Remarks																													
S E V I E R C O U N T Y																													
Inspection Work Days				Facility Evaluation Rating				BI		QA		-----Reserved-----																	
67				69	70	N	71	N	72	N	73		74	75															80

Section B: Facility Data					
Name and Location of Facility Inspected (<i>For industrial users discharging to POTW, also include POTW name and NPDES permit number</i>) City of DeQueen at the end of South 9 th St.	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">Entry Time/Date 0854 / 5-19-2009</td> <td style="width:50%;">Permit Effective Date March 1, 2008</td> </tr> <tr> <td>Exit Time/Date 0945 / 5-19-2009</td> <td>Permit Expiration Date February 28, 2013</td> </tr> </table>	Entry Time/Date 0854 / 5-19-2009	Permit Effective Date March 1, 2008	Exit Time/Date 0945 / 5-19-2009	Permit Expiration Date February 28, 2013
Entry Time/Date 0854 / 5-19-2009	Permit Effective Date March 1, 2008				
Exit Time/Date 0945 / 5-19-2009	Permit Expiration Date February 28, 2013				
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) Mike Sims / Wastewater Superintendent / (870) 642-5231	Other Facility Data <p style="text-align: center;">Major mun. SSO insp.</p>				
Name, Address of Responsible Official/Title/Phone and Fax Number Mike Sims / Wastewater Superintendent / (870) 642-5231 PO Box 730 DeQueen, AR 71832	Contacted Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				

Section C: Areas Evaluated During Inspection							
(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)							
S	Permit	-	Flow Measurement	-	Operations & Maintenance	-	Sampling
-	Records/Reports	-	Self-Monitoring Program	-	Sludge Handling/Disposal	-	Pollution Prevention
-	Facility Site Review	-	Compliance Schedules	-	Pretreatment	-	Multimedia
-	Effluent/Receiving Waters	-	Laboratory	-	Storm Water	S	Other: SSO

Section D: Summary of Findings/Comments (Attach additional sheets if necessary)
No problems noted.

Name(s) and Signature(s) of Inspector(s) Shan Lynch 	Agency/Office/Telephone AR Dept. of Environmental Quality / Dist. 12 / (870) 389-6970	Date May 20, 2009
Signature of Reviewer	Agency/Office/Phone and Fax Numbers	Date

Collection System Description

1. Describe the collection system.

The DeQueen collection system receives waste from domestic and industrial dischargers within the city limits of DeQueen. There are four lift stations. The collection system is made up of clay tile, concrete and plastic piping.

2. Population of service area/number of residents/commercial connections

Approximately 5,800 residents with 2,000 connections of which around 200 are commercial connections

3. Feet of sewer

Approximately 40 miles

4. Age of system

Approximately 75 years

5. Does the collection system experience problems during dry or wet weather? Describe or provide documentation.

During severe wet conditions, the city experiences some overflows from various manholes through out the city.

6. Agency notification procedure: What information is reported? Provide documentation.

A 24 hour report is submitted to the Department on forms provided by ADEQ on the website. These are e-mailed to the Department. A monthly SSO report form is filled out and submitted with the DMR. Three years of SSO reports are attached.

Pump Stations

1. How many pump stations are in the system? How many have backup power sources?

Four pump stations serve the city. There is one back up power source that is capable of being hooked up to each pump station.

2. How often are pump/lift stations inspected and monitored? If a SCADA system is used, what parameters are monitored?

Pump stations are monitored daily. A SCADA system is available at the plant; however, the SCADA system for the lift stations is currently being installed.

3. What provisions have been made for emergencies?

Back up power, high level alarms, city workers on call.

Satellite Systems

1. Does the collection system receive flow from satellite systems?

No

2. Are there any known problems with the satellite collection system (hydraulic flow, WW concentration, ordinances, etc.)?

NA

3. Who is responsible for enforcement and response?

NA

Performance Indicators (Collection & Satellite System)

1. Provide a list of sanitary sewer overflows that occurred in the last 3 years, including date, volume (gallons), location, duration, cause, and response.

See attached forms

2. Are all sanitary sewer overflows reported, regardless of size?

Yes

3. How many sanitary sewer overflows have reached "waters of the State"? Provide documentation.

Most reports indicate a ditch to be the discharge location. However, two state a creek to be the discharge location. November 2007 and May 2009. See attached forms.

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
11/30/2006	11/30/2006	500	none	manhole overflow	+2" rainfall		Circle Dr.
11/30/2006	11/30/2006	700	none	manhole overflow	+2" rainfall event		Honeysuckle & 5th
1/15/2007	1/15/2007	200	none	manhole overflow	6.5" rain		Dawn Dr. & Coulter Dr.
1/15/2007	1/15/2007	600	none	manhole overflow	6.5" Rain		Circle Dr.
1/15/2007	1/15/2007	500	none	manhole overflow	6.5" rain		5th St. & Honeysuckle Dr.
6/5/2006	6/5/2006	700	unknown		rainfall	unnamed creek	Highway 70 Business
1/3/2005	1/3/2005	1500	unknown	6th Street	Rainfall	ditch	
1/3/2005	1/3/2005	2000	unknown	Lakeside at Park	Rainfall	ditch	
1/3/2005	1/3/2005	1000	unknown	2nd & Haes	Rainfall	ditch	
1/3/2005	1/3/2005	1000	unknown	5th & Honeysuckle	Rainfall	ditch	
1/7/2005	1/7/2005	2000	unknown	6th Street	Roots & grease	ditch	
1/10/2005	1/10/2005	500	unknown	6th Street	Grease	ditch	
11/30/2006	11/30/2006	500	none	Manhole overflow	2" rainfall event	Ditch	Circle Dr
10/16/2006	10/16/2006	700	none	manhole overflow	4" rainfall and stop up	unnamed creek	
10/24/2006	10/24/2006	500	none	manhole overflow	grease		8th and Heynecker Ave.
11/30/2006	11/30/2006	700	none	manhole overflow	2" rainfall event	Ditch	Honeysuckle and 5th
4/1/2002	4/1/2002	500	unknown	East Westwood Drive	Rainfall - 5"		
4/1/2002	4/1/2002	1000	unknown	Lakeside Drive	Rainfall - 5" of rain		
6/17/2003	6/17/2003	800	unknown	Lakeside Drive	2.5" of rain		
6/17/2003	6/17/2003	300	unknown	5th & Honey Suckle	2.5" of rain		
6/17/2003	6/17/2003	700	unknown	6th Street	2.5 " of rain		
5/13/2003	5/13/2003	1000	unknown	6 th street	Heavy rainfall - 2.75"		
5/13/2003	5/13/2003	700	unknown	lakeside Drive	Heavy rainfall -		

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
					2.75"		
5/13/2003	5/13/2003	500	unknown	5th & Honeysuckle	Heavy rainfall - 2.75"		
5/13/2003	5/13/2003	600	unknown	Lakeside Drive	Heavy rainfall 1.75"		
6/28/2005	6/28/2005	2000	unknown	Needle Street	grease	ditch	
5/4/2005	5/4/2005	200	unknown	Dawn Drive	Roots & grease	ditch	
5/4/2005	5/4/2005	300	unknown	121 Highway 71 North	grease	contained in building	
7/12/2004	7/12/2004	250	unknown	Collin Raye Dr. & Highway 70 North	Grease & gravel		
7/19/2004	7/19/2004	500	unknown	Roller Avenue	Roots		
7/21/2004	7/21/2004	100	unknown	Magnolia & Lakeside	Grease		
5/23/2005	5/23/2005	500	unknown	Red Bridge Road manhole	grease	Little Bear Creek	
8/31/2005	9/1/2005	3000	none	overflow at mobile home homesites off of Collin Raye Dr.	grease		
5/15/2005	5/15/2005	750	unknown	Highway 71 North	grease	ditch	
5/16/2005	5/16/2005	500	unknown	Collin Ray & 70/71 manhole	grease	ground	
1/17/2006	1/18/2006	3000	none	manhole off of Coulter Ave. running over. This is old line which was plugged off and tied into the new line years ago.	Cement plug was leaking and let some water go through. The old line was not killed properly.		
4/17/2006	4/17/2006	500	none	MH on Hwy 71 North stopped up	grease and debris	ditch	
4/17/2006	4/17/2006	200	none	MH on Magnolia	grease		

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
				Ave. stopped up and overflowed			
11/9/2005	11/9/2005	1000	none	13th & Coulter	grease	ditch	
10/24/2005	10/24/2005	200	none	3rd & Altena	grease blockage	ditch	
5/10/2006	5/10/2006	500	none	manhole overflow at 5th and Honeysuckle Dr.	1.5 inch rain event and stop up	ditch	
5/10/2006	5/10/2006	200	none	manhole Circle Dr. overflow	1.5 inch rain event and stop up	ditch	
3/20/2006	3/20/2006	500	none	manhole at Magnolia and Lakeside overflowed	line stop up	ditch	
3/20/2006	3/20/2006	800	none	manhole at 5th and Honeysuckle overflowed into creek	over 6 inches of rainfall event	unnamed creek	
3/6/2006	3/6/2006	700	none	ditch between 3rd and 4th, DeQuincy and Altena	grease and sewer main stop up, line broken, water coming out in ditch		
3/14/2001	3/14/2001	700	Unknown	Collin Ray Drive	Rainfall		
6/17/2004	6/17/2004	700	unknown	Lakeside Drive	2.75" of rainfall		
6/17/2004	6/17/2004	200	unknown	Circle Drive	2.75" of rainfall & grease blockage		
1/30/2006	1/30/2006	500	none	manhole overflow at 6th St.	grease	unnamed creek	
3/28/2006	3/28/2006	800	none	Wallace & 6th Streets	line clogged with grease and roots		
6/13/2006	6/13/2006	800	none	manhole at Pine Circle stopped up and	grease		Pine Circle

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
				overflowed			
5/16/2007	5/16/2007	250	none	manhole overflow	roots		Holly St.
5/17/2007	5/17/2007	1200	none	manhole overflow	main line stop up		Hwy. 70 East
6/26/2007	6/26/2007	500	none	manhole overflow	2" rainfall	unnamed ditch	8th & 9th St
6/26/2007	6/26/2007	300	none	manhole overflow on Heynecker St. between 8th and 9th Sts.	over 2" rainfall	unnamed ditch	Heynecker St.
6/26/2007	6/26/2007	700	none	manhole overflow	over 2" rainfall	unnamed ditch	Circle Dr.
6/26/2007	6/26/2007	1000	none	manhole overflow	over 2" rainfall	unnamed ditch	5th & Honeysuckle
11/25/2007	11/25/2007	700	NEAH		Inflow and Infiltration	creek	Circle Drive
7/8/2007	7/10/2007	400	none	overflow at cleanout	grease	ditch	410 W. Vandervoort
7/9/2007	7/10/2007	1500	none	manhole overflow	3.5 inch rainfall	ditch	5th & Honeysuckle
7/9/2007	7/10/2007	800	none	manhole overflow	3.5" rainfall	ditch	8th & Vandervoort
7/9/2007	7/10/2007	900	none	manhole overflow	3.5" rainfall	ditch	1st & Altena
7/9/2007	7/10/2007	1200	none	manhole overflow	3.5 inch rainfall	ditch	Circle Dr.
7/9/2007	7/10/2007	1000	none	manhole overflow	3.5 inch rainfall	ditch	Coulter Dr. & Sunset
4/2/2007	4/2/2007	200	none	manhole overflow	stop-up, roots		Circle Dr.
4/25/2007	4/25/2007	250	none	manhole overflow	1.75" rainfall event	ditch	
4/25/2007	4/25/2007	350	none	manhole overflow	1.75" rain	unnamed creek	5th & Honeysuckle
4/25/2007	4/25/2007	500	none	overflow	1.75" rainfall and city pool draining	ditch	Lakeside Dr.
9/10/2007	9/10/2007	750	none	overflow	paper towels in line	ditch	6th St.
12/19/2007	12/19/2007	600	NEAH	MH overflow	grease	ditch	Hwy 71 N. and

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
							Lacefield Lane
10/8/2007	10/8/2007	250	none	overflow	roots/grease	ditch	10th St.
11/7/2007	11/7/2007	800			line stopped line	ditch	Highway 71 N and Lacefield Lane
11/28/2007	11/28/2007	1000	NEAH	MH overflow	grease	ditch	13th Street
3/19/2008	3/19/2008	1000	None	MH overflow	heavy rainfall	ditch	South 9th Street
3/19/2008	3/19/2008	500	none	MH overflow	stop-up and 3.5" of rain	ditch	Brown and Oak
3/19/2008	3/19/2008	800	NEAH	MH overflow	stopup and 3.5"ain	ditch	Vandervoort and 8th
3/19/2008	3/19/2008	700	None	MH overflow	stopup and 3.5" rainfall	Ditch	DeQuincy & Altena
7/23/2008	7/23/2008	1000	none	Manhole overflow at Collin Raye Drive	Grease and Roots	unnamed ditch	
6/24/2008	6/24/2008	1200	NONE	MH @ 7TH & WALLACE	MAINLINE STOPPAGE	DITCH	
6/25/2008	6/25/2008	1700	NONE	MH @ 8TH & HOLLY	MAINLINE STOPPAGE	DITCH	
8/11/2008	8/11/2008	600	none	Manhole Overflow	2.5 inch rainfall event	ditch	Coulter Dr.