

ADEQ

ARKANSAS
Department of Environmental Quality

May 5, 2009

Mr. Craig Noble, General Manger
Russellville City Corporation
P.O. Box 3186
Russellville, AR 72811-3186

AFIN: 58-00105

NPDES Permit No.: AR0021768

Dear Mr. Noble:

On April 22 and 23, 2009, I performed a Sanitary Sewer Overflow Inspection of the above referenced 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 the terms of your permit in regards to this portion of your NPDES permit.

If I can be of any assistance, please contact me at 479-968-7339.

Sincerely,



Amy Beck
District 5 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 6 8 11 12 0 9 0 4 2 2 17 18 V 19 S 20 1	Remarks														
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:25%;">Inspection Work Days</td> <td style="width:25%;">Facility Evaluation Rating</td> <td style="width:10%;">BI</td> <td style="width:10%;">QA</td> <td style="width:20%;">-----Reserved-----</td> </tr> <tr> <td>67 0 0 1 69</td> <td>70 N</td> <td>71 N 72 N 73 74 75 </td> <td></td> <td></td> </tr> </table>						Inspection Work Days	Facility Evaluation Rating	BI	QA	-----Reserved-----	67 0 0 1 69	70 N	71 N 72 N 73 74 75 		
Inspection Work Days	Facility Evaluation Rating	BI	QA	-----Reserved-----											
67 0 0 1 69	70 N	71 N 72 N 73 74 75 													

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>) RUSSELLVILLE WWTP (CITY CORPORATION) 404 Jimmy Lile Road Russellville, AR 72802	Entry Time/Date 1400 / 04-22-2009	Permit Effective Date 04/01/2005
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) Larry Collins/ Operations Manager Randy Bradley/ Pretreatment Coordinator Scott Ketchum/PCW Lead Operator	Other Facility Data	
Name, Address of Responsible Official/Title/Phone and Fax Number Craig Noble, (479) 968-2080 ext. 113 RUSSELLVILLE CITY CORPORATION P.O. Box 3186 Russellville, AR 72811	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)

N	Permit	N	Flow Measurement	N	Operations & Maintenance	N	Sampling
N	Records/Reports	N	Self-Monitoring Program	N	Sludge Handling/Disposal	N	Pollution Prevention
N	Facility Site Review	N	Compliance Schedules	N	Pretreatment	N	Multimedia
N	Effluent/Receiving Waters	N	Laboratory	N	Storm Water	S	SSO

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

Two lift stations were visited during the inspection, in conjunction with the CEI. Both appeared to be well maintained and clean. No evidence of high water levels or overflows was observed.

Name(s) and Signature(s) of Inspector(s) Amy Beck 	Agency/Office/Telephone/Fax Arkansas Department of Environmental Quality / Russellville / 479-968-7339 / 479-968-7321	Date May 5, 2009
Signature of Reviewer	Agency/Office/Phone and Fax Numbers	Date

COLLECTION SYSTEM INSPECTION AND OVERALL RATING		<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
PROVIDE A BRIEF DESCRIPTION OF THE COLLECTION SYSTEM: 125.5 miles of gravity fed lines, 12.5 miles of force mains, 19 lift stations and 3120 manholes.		
POPULATION SERVED/NUMBER OF RESIDENTIAL AND COMMERCIAL CONNECTIONS: Population: 24,000; 8940 residential, 1180 commercial, 57 industrial, 157 Public Authority, and 1 municipal connections		
FEET OF SEWER SYSTEM: ~138 miles		
AGE OF SYSTEM: Parts of system date back to 1912		
DOES THE SYSTEM EXPERIENCE PROBLEMS DURING DRY OR WET WEATHER (EXPLAIN): Inflow and infiltration during wet weather periods.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE	
IS THERE A SYSTEM IN PLACE FOR REPORTING SSOS TO ADEQ (DESCRIBE): ADEQ on-line report, calling ADEQ enforcement and monthly SSO report	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE	
ARE ALL SSOs REPORTED REGARDLESS OF SIZE:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE	
HAVE SSOs REACHED "WATERS OF THE U.S." (LIST DATE AND LOCATION OF EACH):	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE	
2007 main line break, reached Prairie Creek		
PUMP STATIONS		<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
NUMBER OF PUMP STATIONS IN SYSTEM: 19	NUMBER WITH BACKUP POWER: 1 with fixed generator, 6-7 with portable generator hookups	
HOW OFTEN ARE PUMP STATIONS INSPECTED/MONITORED: Weekly at minimum		
ARE MAINTENANCE RECORDS AND/OR OPERATOR LOGS KEPT: Yes		
ADEQUATE INVENTORY OF SPARE PARTS: Yes		
TYPE OF REMOTE ELECTRONIC MONITORING USED (I.E. SCADA OR AUTO DIALERS): SCADA on all but 4.		
BRIEF SUMMARY OF EMERGENCY PROCEDURES: SCADA, Alarms, lights, auto pager system		
NUMBER OF PUMP STATIONS VISITED DURING INSPECTION (SEE ATTACHED CHECKLISTS FOR EACH): 2		
City Corp has crews smoke testing and TVing the system. Items are corrected as found. They have seen some reduction in I and I.		
SATELLITE SYSTEMS		<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
DOES THE COLLECTION SYSTEM RECEIVE FLOW FROM SATELLITE SYSTEMS: Yes from Dover		
TYPE(S) OF WASTE WATER RECEIVED: <input checked="" type="checkbox"/> RESIDENTIAL <input checked="" type="checkbox"/> COMMERCIAL <input checked="" type="checkbox"/> INDUSTRIAL <input type="checkbox"/> OTHER:		
BRIEFLY DESCRIBE THE SATELLITE SYSTEM:		
ANY KNOWN PROBLEMS WITH SATELLITE SYSTEM: <u>Inflow and infiltration</u>		
NAME, ADDRESS AND PHONE NUMBER OF PERSON RESPONSIBLE FOR SATELLITE SYSTEM:		
Mr. Yancey Pointer, City Hall, (479) 331-3270		

PUMP STATION VISIT (COMPLETE A SEPARATE CHECKLIST FOR EACH PUMP STATION VISITED)	
GENERAL INFORMATION AND OVERALL EVALUATION	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA
NAME AND/OR LOCATION OF PUMP STATION: Prairie Creek Pump Station	
TYPE(S) OF WASTE WATER RECEIVED: <input checked="" type="checkbox"/> RESIDENTIAL <input checked="" type="checkbox"/> COMMERCIAL <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> OTHER:	
NUMBER OF PUMPS: 3	NUMBER OPERATIONAL: 3
NUMBER AND SIZE OF PUMPS APPEARS ADEQUATE:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
EVIDENCE OF RECENT OVERFLOWS OR HIGH LEVELS:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
NAME AND/OR LOCATION OF PUMP STATION: 10th Street Pump Station	
TYPE(S) OF WASTE WATER RECEIVED: <input checked="" type="checkbox"/> RESIDENTIAL <input checked="" type="checkbox"/> COMMERCIAL <input checked="" type="checkbox"/> INDUSTRIAL <input type="checkbox"/> OTHER:	
NUMBER OF PUMPS: 2	NUMBER OPERATIONAL: 2
NUMBER AND SIZE OF PUMPS APPEARS ADEQUATE:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
EVIDENCE OF RECENT OVERFLOWS OR HIGH LEVELS:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
GENERAL OPERATION AND MAINTENANCE	
<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA	
CLEAN AND WELL MAINTAINED WITH MINIMAL STORAGE OF UNRELATED EQUIPMENT:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
GATES/DOORS/HATCHES/LIDS/ETC. LOCKED TO PREVENT UNAUTHORIZED ACCESS AND/OR TAMPERING:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
WET WELLS, SUMPS AND PITS ADEQUATELY COVERED, GRATED OR OTHERWISE PROTECTED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIPMENT PROPERLY INSTALLED AND MAINTAINED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQUIPMENT (BELTS, PULLEYS, DRIVESHAFTS, ETC.) :	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
ADEQUATE VENTILATION TO PREVENT EXCESSIVE CONDENSATION AND/OR GASES AND FUMES:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
ADEQUATE LIGHTING FOR ROUTINE INSPECTION/MAINTENANCE:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
SEALS, VALVES AND PACKING ADEQUATELY MAINTAINED TO PREVENT LEAKS:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
MINIMAL ACCUMULATION OF GREASE AND SOLIDS IN WET WELLS:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
BACKUP POWER AND ALARMS	
<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA	
PROVISIONS FOR GENERATOR AND/OR EMERGENCY TRANSFER PUMP:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
AUDIBLE/VISUAL ALARM WITH EMERGENCY CONTACT INFORMATION POSTED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
SCADA SYSTEM (LIST PARAMETERS MONITORED): <u>low wet well level, high wet well level, over temperatures for bearings, starter, seal fail, AC power fail, intrusion, RTU failure</u>	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
11/21/2006	11/21/2006	500	none	Man hole 1675 overflowed in street	Trash	Street	
8/8/2006	8/8/2006	20000	none	Old Post Pump Station overflowed	power failure due to Entergy losing 2 phases		
8/11/2006	8/11/2006	2000	none	manhole 1706 overflowed this weekend.	grease	storm ditch	1022 Parker Rd., Russellville
12/1/2006	12/1/2006	192000	none	heavy rainfall caused influent manhole to overflow at head works. Whig Creek was over its banks. Flow came within 100 years of creek	heavy rainfall caused influent manhole to overflow at head works. Whig Creek was over its banks. Flow came within 100 years of creek		
1/14/2007	1/14/2007	250000	none	influent manhole 8048 to the Pollution Control Facility overflowed for approximately 6 hours	heavy rainfall		
1/4/2007	1/4/2007	200	none	overflow	grease and roots		106 Lakeshore Dr.
12/30/2006	12/30/2006	5000	NONE	Unknown	I and I		PCW Bio-Towers
12/14/2006	1/14/2006	13050	None	Manhole 7053 by sewer lift station B	Power Failure		
12/12/2006	12/12/2006	2000	NONE	Manhole overflow	paper towells	Storm Drain	115 E. Parkway
12/1/2006	12/1/2006	192000	None	Heavy Rain Fall caused the influent manhole to overflow at the head works.	I and I	Whig Creek	The wastewater treatment plant
11/15/2006	11/15/2006	5000	none	Bio Towers at the Pollution Control Facility over flowed for about 5 minutes before the operator could	Heavy Rain Fall	ground	

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
				adjust the gate. Cause was heavy rain fall			
11/16/2006	11/16/2006	50	none	106 S Hastings over flowed at clean out, ran man hole 3114 south to dead end and pulled alot of grease from main.	grease	yard	106 S. Hastings
11/20/2006	11/20/2006	500	none	"Week end crew just called in for over flow at 1611 E Main St, man hole 4019"	Trash	Parking Lot	1611 E Main St
9/21/2006	9/21/2006	200	none	Resident had removed manhole cover and was dumping tash, leaves, and dirt in manhole causing manhole 5136 to overflow.	trash		111 E. 8th, Russellville
9/21/2006	9/21/2006	100	none	overflow from customer clean out to relieve stoppage on main line. Manhole 6231 was full of grease	grease		3509 E. 4th, Russellville
10/13/2006	10/13/2006	850	none	overflow at Bio Towers at City Corporation Pollution Control Facility	Facility was performing a blending procedure that caused the Bio Towers to overflow		Bio Towers
11/29/2004	11/30/2004	40000	none	500 Block of S. Ithaca Ave.	rainfall		
11/29/2004	11/30/2004	50000	none	11th and Boston	rainfall		
11/29/2004	11/30/2004	100000	none	C and Boston, MH #1616	rainfall		
11/29/2004	11/30/2004	50000	none	Parker Rd., MH #1704	rainfall		
11/29/2004	11/30/2004	15000	none	13th and Commerce	rainfall		

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
11/29/2004	11/30/2004	150000	none	Cedar and Commerce MH#2028	rainfall		
4/14/2005	4/14/2005	1200	unknown	43 Bradley Cove Road, manhole #4084	semi truck backed over manhole & broke concrete off into manhole	storm drain	
11/16/2006	11/16/2006	50	none	Manhole overflow	Grease	Yard	106 S Hastings
11/15/2006	11/15/2006	900	none	Overflow due to heavy rain	Heavy Rainfall	PA	806 E 4th St
11/15/2006	11/15/2006	5000	none	Overflow	Heavy Rain Fall	GR	Bio Towers at Pollution Control facility
11/6/2006	11/6/2006	6000	none	overflow due to heavy flow	Rain	GR	Bio Towers at Pollution Control facility
2/16/2001	2/16/2001	5000	None	Lake Front Drive (MH #2036) runoff to ditch.	Heavy rainfall - 6"/2 days		
2/16/2001	2/16/2001	7500	No	Parkway & Arkansas (MH #1825) runoff to storm sewer.	Heavy rainfall - 6"/2 days		
2/16/2001	2/16/2001	1000	No	100 Blk of East 2nd Street (MH #1552), runoff to storm sewer.	Heavy rainfall - 6"/2 days		
2/16/2001	2/16/2001	10000	None	100 Block of S. Arkansas (MH #1569), runoff to storm sewer.	Heavy rainfall - 6"/2 days		
3/26/2005	3/26/2005	468749	unknown	Plant - 404 Jimmy Lyle Rd	Power outage	blacktopped area	
3/27/2005	3/27/2005	161445	unknown	Plant - 404 Jimmy Lyle Rd	electrical malfunction from power outate - raw sewage pumps tripped out	ground	
11/21/2006	11/21/2006	500	none	Manhole overflow	Trash	PA	Manhole 1675
11/20/2006	11/20/2006	500	none	Manhole overflow	Trash	PA	1611 E Main St, MH 4019
12/17/200	12/17/200	2000	None	ATU Pasture,	Rainfall		

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
1	1			MH #2044, runoff to ditch.			
2/15/2001	2/15/2001	5000	No	W. th & South Arlington (MH 1334) runoff to ditch	Heavy rains & partial stoppages		
2/15/2001	2/15/2001	1000	No	West Cedar & North Commerce (MH 2028), runoff to ditch	Rainfall and partial sewer stoppages, undersized mains		
2/15/2001	2/15/2001	3000	No	Lakefront Drive (MH #2036), runoff to ditch.	Rainfall & partial sewer stoppages, undersized mains.		
2/15/2001	2/15/2001	1000	No	14th & Commerce, (MH 5023), runoff to ditch.	Rainfall and partial sewer stoppages-undersized mains.		
2/15/2001	2/15/2001	1000	No	Glenwood & "R" St (MH 2044) runoff to ditch.	Rainfall and partial sewer stoppages-undersized mains.		
2/15/2001	2/15/2001	50000	No	Russellville Sewer Plant (MH 6190) runoff to ditch.	Excess flows. Storm water basins were filled.		
2/16/2001	2/17/2000 2:00:00 AM	500000	No	WW Treatment Plant Overflow, grit basins and MH 6190, runoff to ditch.	Heavy rain		
2/16/2001	2/16/2001	20000	No	AR Tech Univ. pasture (MH #2050), runoff to ditch	Heavy rainfall - 6"		
2/16/2001	2/16/2001	20000	No	AR Tech University pasture (MH #2049) runoff to ditch	Heavy rainfall - 6"		
2/16/2001	2/16/2001	5000	No	AR Tech Univ pasture (MH #2048), runoff to ditch.	Heavy rainfall, 6"		
2/16/2001	2/16/2001	7500	No	AR Tech University pasture (MH #2044), runoff	Heavy rainfall - 6"		

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
				to ditch			
2/16/2001	2/16/2001	5000	None	14th & Commerce (MH #5023), runoff to ditch	Heavy rainfall, 6"		
2/16/2001	2/16/2001	5000	No	East "G" & North Greenwich (MH #1725), runoff to ditch	Heavy rainfall - 6"		
2/16/2001	2/16/2001	7500	No	East "F" & N. Erie (MH #1737), runoff to ditch.	Heavy rainfall - 6"		
2/16/2001	2/16/2001	5000	No	100 Block of N. Boston Place (MH #1568) runoff to ditch	Heavy rainfall - 6"/2 days		
2/16/2001	2/16/2001	7500	No	West Cedar & North Commerce (MH #2036) runoff to ditch	Heavy rainfall - 6"/2 days		
8/17/2006	8/17/2006	500	none	manhole 4015 overflowed	grease	storm drain	1900 E. Main, Russellville
8/16/2006	8/16/2006	50	none	manhole 44225 overflowed	rags and garbage	storm drain	2209 E. Main, Russellville
8/16/2006	8/16/2006	300	none	manhole 6415 at 300 Industrial Bldg. overflowed yesterday afternoon.	grease and rags	ditch	300 Industrial Bldg, Russellville
12/16/2001	12/16/2001	200	None	Storm drain on 100 Block on N. Arkansas, MH #1557	Heavy rainfall		
12/16/2001	12/17/2001	24000	None	West Cedar & N. Commerce, MH #2028, runoff to ditch.	Rainfall		
12/16/2001	12/17/2001	144000	None	Wastewater Treatment Plant, MH 6190, runoff to Whigg Creek Wastewater Treatment Plant.	Rainfall		
12/16/2001	12/16/2001	2400	None	14th &	Rainfall.		

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
1	1			Commerce, MH #5023, runoff to ditch.			
10/16/2006	10/16/2006	1000	none	Bio Towers at the Pollution Control Facility overflowed for 5 minutes.	heavy rain event		
10/30/2006	10/30/2006	100	none	manhole 3027 overflowed	grease and paper		2502 W. 2nd St.
11/6/2006	11/6/2006	6000	none	City Corporations' Bio Towers at the Pollution Control Facility overflowed due to 2.6" of rain, creating heavy flow	rain		
12/1/2006	12/1/2006	192000	none	Heavy rainfall caused influent man hole to overflow at the head works.	Heavy Rain	Stream	Whig Creek
11/18/2003	11/18/2003	22500	minimal	MH at treatment plant	rainfall		
12/14/2006	12/14/2006	13050	none	Over flow of Manhole. Power failure blew a fuse that did not alert the plant there was a problem	Power failure	Stream	Manhole 7053 by the sewer lift station B
3/20/2002	3/21/2002	250000	unknown	Whigg Creek MH#6190	5" rain		
3/19/2002	3/19/2002	1000	unknown	4th St. and Arlington #1334	5" rain		
3/19/2002	3/19/2002	200000	unknown	Whigg Creek #6190	5" rain		
3/19/2002	3/19/2002	1000	unknown	ATU campus #1466	5" rain		
3/19/2002	3/19/2002	5000	unknown	ATU pasture #2046	5" rain		
3/19/2002	3/19/2002	10000	unknown	ATU Pasture #2048	5" rain		
3/19/2002	3/19/2002	15000	unknown	ATU pasture #2049	5" rain		
3/19/2002	3/19/2002	10000	unknown	ATU pasture #2050	5" rain		
3/19/2002	3/19/2002	3000	unknown	11th St. and Boston Place	5" rain		

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
				#5032			
3/19/2002	3/19/2002	1000	unknown	1509 s. Boston place #5058	5" rain		
12/12/2006	12/12/2006	2000	none	Manhole # 1624	back up due to paper towels		115 E Parkway
12/30/2006	12/30/2006	5000	none	4:50 am at the PCW Bio Towers	rain event		
8/2/2002	8/2/2002	18000	none	ATU Pasture MH#2043	low level float went out at Prairie Creek Pump Station		
8/2/2002	8/2/2002	18000	none	West Aspen at Motel 6 #2028	low level float went out at Prairie Creek Pump Station		
8/2/2002	8/2/2002	18000	none	N Street and Glenwood #1468	low level float went out at Prairie Creek Pump Station		
8/14/2002	8/14/2002	40000	none	Wastewater treatment plant-ditch into Whigg Creek	power outage		
3/19/2002	3/19/2002	1000	unknown	West E and North Denver #1825	5" rain		
3/19/2002	3/19/2002	1000	unknown	100 blk of N. Boston Place # 1568	5" rain		
3/19/2002	3/19/2002	3000	unknown	C and Boston #1617	5" rain		
3/19/2002	3/19/2002	3000	unknown	C and Boston # 1616	5" rain		
7/19/2003	7/19/2003	41000	none	MH 6190 at WWTP	power outage		
8/31/2004	8/31/2004	101000	none	1209 South Muskogee	roots		
7/3/2005	7/3/2005	54000	unknown	East C (South Boston)	Electrical failure - transducer - wet well level control	drainage ditch	
12/5/2005	12/5/2005	8000	none	manhole # 6052 overflow at 1401 S. Frankfort, call received at 4:42.	Grease in main line		
4/29/2005	4/29/2005	6000	unknown	West C & North Boston,	Rainfall of 2.34 inches	storm drain	

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
				manhole #1617			
4/29/2005	4/29/2005	19500	unknown	11th Street & South Boston, manhole #5032	rainfall - 2.34 inches	storm drain	
4/24/2004	4/24/2004	90000	none	MH# 6190 @ WWTP	rainfall		
9/29/2003	9/29/2003	30000	into drainage ditch	1300 block of South Muskogee, MH #1270	roots and grease		
2/5/2004	2/5/2004	66000	unknown	MH# 6190 at WWTP	rainfall		
1/12/2004	1/12/2004	25000	none	MH#4208 on Hwy. 64	plastic bottles		
12/31/2003	12/31/2003	30000	none	16th and Commerce	stoppage		
7/28/2006	7/28/2006	1000	none	Entergy had a power outage which caused the pumps to stop operating	power outage	ground	Lost Corners Sewer Pump Station
7/28/2006	7/28/2006	300	none	Entergy had a power outage which caused the pumps to stop operating.	power outage	ground	Old Post Sewer Pump Station
8/7/2005	8/7/2005	500	unknown	1539 East 13th St	grease	storm drainage ditch	
8/9/2005	8/9/2005	500	unknown	1910 S. El Paso & 19th Street	grease	street & ditch	
7/14/2005	7/14/2005	50000	unknown	East Main & Weir Road - new construction site for WalMart	Contractors & equipment		
3/20/2006	3/20/2006	27000	none	bio towers at the Pollution Control Facility started at 12:30 am and stopped at 6:30 pm	3 day rain event		
12/13/2005	12/13/2005	3000	none	2500 Block West "B" St., manhole #4043	Paper towels and grease		
3/20/2006	3/20/2006	575	none	8:45 am manhole 2028 at Cedar and N. Commerce	3 day rain event		

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
				overflowed; stopped at 10:50			
4/4/2004	4/4/2004	36000	none	2200 block of West 4th Street	trash in line		
1/31/2002	1/31/2002	0	None	6 Overflows	Heavy rainfall		
4/9/2006	4/9/2006	25	unknown	foam	overflow of foam from the digesters	paved area	205 West 3rd Place - Plant
3/9/2006	3/9/2006	9000	none	Blue Bio Tower at City Corporation's Pollution Control	heavy rain flow	ground to Whig Creek	
3/9/2006	3/9/2006	13800	none	11th and S. Boston, manhole 5032	heavy rain flow	draining ditch	
6/12/2006	6/12/2006	50	none	customer reported overflow	grease		321 West B St, Russellville, AR
3/16/2007	3/16/2007	500	None	Stoppage on main line over flowed from man hole 1735 ran into ditch	roots, grease	Ditch	1317N Frankfort Ave
1/31/2007	1/31/2007	100000	none	pollution control settled sewage	operator error		
1/30/2007	1/30/2007	1500	none	At the plant crews were trying to drain the intermediate basin and had an overflow at the settled sewage area	manual		
3/19/2007	3/19/2007	1000	None	Man hole 5668 over flowed due to a float malfunction at the 23rd Streep pump station. Float was replaced	Equipment failure	Ground	710 E 23rd
3/26/2007	3/26/2007	400	None	Man hole 5120 over flowed	paper towels	Road	11th & S Glenwood Ave
1/4/2007	1/4/2007	200	None	Overflow	Grease & Roots		106 Lakeshore Dr.

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
1/14/2007	1/14/2007	250000	None	Manhole overflow	Heavy Rain Fall		Pollution Control Facility Manhole # 8048
1/31/2007	1/31/2007	100000	None		Operator Error		Pollution Control Settled Sewage
5/14/2007	5/15/2007	1600000	none	City Corporation Force Main coming from Prairie Creek pump station split about 10 am on 5/14/07 and was repaired aprx 4 am on 5/15/07	line break	Prairie Creek	
5/21/2007	5/21/2007	200	none	City Corporation Old Post Pump Station wet well float got sucked up in pump 2 and wrapped up in the impeller causing a malfunction in the SCADA alarms	equipment failure		
6/15/2007	6/15/2007	24000	none	manhole 2048 in Arkansas Tech pasture overflowed due to repairs being made on the Prairie Creek main line	equipment failure; line break	ground	
6/15/2007	6/15/2007	594000	none	Prairie Creek Pump Station; clamp from last month's repair failed, causing the line to break open	equipment failure, line break	ground, Prairie Creek	
4/12/2007	4/12/2007	5000	none	overflow at 211 W. 14th St.	grease		211 W. 14th St.
9/8/2007	9/8/2007	500	none	manhole 1510 overflow, back	heavy rainfall	ground	413 S. Commerce

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
				up in basement			
9/8/2007	9/8/2007	400	none	manhole 1848 overflow	heavy rainfall		1500 N. Jackson
9/9/2007	9/9/2007	63000	none	influent manhole at the Pollution Control Facility overflowed and the grit chamber in the plant overflowed at the same time.	heavy rainfalls over several days	Whigg Creek and ditch	
1/5/2008	1/5/2008	65000	None	Raw Sewage pump trips	Equipment failure	ground	Pollution Control Facility
1/3/2008	1/3/2008	10000	None	MH overflow	construction crew capping force main	ground	MH-#2817 N. Glenwood and West L
10/3/2007	10/3/2007	1496000	none noted. Discharge met permit except for fecal coliform.	bypass of secondary operations	inflow and infiltration	Arkansas River	Treatment Plant
11/28/2007	11/28/2007	300000	NEAH	Tap on the sewer, pumps shut down, overflow in the pasture	Equipment malfunction	ground	
12/15/2007	12/15/2007	20000	NEAH	MH overflow, wet well overflow, all three SW ponds were full	heavy rainfall	ground	
2/14/2008	2/14/2008	100000	none	SORMWATER BASIN OVERFLOWED	ELEVATION OF MANHOLE TO LOW	ground	POLLUTION CONTROL FACILITY
3/5/2008	3/5/2008	20000	NONE	INFLUENT MH AT POLLUTION CONTROL OVER FLOWED DUE TO RAW SEWAGE PUMPS RAMPED DOWN. PLANT OPERATORS HAVE CORRECTED	EQUIPMENT	GROUND	

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
				THE ISSUE.			
3/3/2008	3/23/2008	10266300		Blending	excessive rainfall		
3/3/2008	3/4/2008	200000	NONE	INFLUENT MANHOLE AT THE POLLUTION CONTROL FACILITY OVERFLOWED	RAINFALL	GROUND	
9/3/2008	9/4/2008	3000	None	Manhole #2028 Overflowed	Heavy Rain	ground	Birch Street and N. Commerce Ave.
9/3/2008	9/4/2008	66000	None	Manhole 1567 and manhole 1566 overflowed	heavy rain event	ground	C Street and N Boston Place
9/3/2008	9/4/2008	31500	None	Manhole 5032 overflowed	Heavy Rain	ground	11th street and S Boston Avenue
9/3/2008	9/4/2008	12000	None	Manhole 1546 overflowed	Heavy rains	Ground	Marina Rd. and Hilltop
9/3/2008	9/4/2008	66000	NONE	Manhole 1825 Overflowed	Heavy rain	Ground	N. Arkansas Ave and "D" Parkway
4/10/2008	4/11/2008	500000	None	Influent Manhole at the Pollution Control Facility overflowed	Heavy Rainfall	Ground	Not Given
7/9/2008	7/9/2008			Blending procedure was started at the WWTP due to excessive storm events experienced in the area.	Excessive storm events		
4/4/2008	4/4/2008	100000	none	Influent Manhole overflowed	Heavy rainfall	Ground	Pollution Control Facility
11/19/2007	11/19/2007	2000	None	Sewer main stopped	Grease and Roots	Gar Creek	Gibson St. Duplex
3/14/2008	3/14/2008	5000	None	The raw sewage pump tripped out causing the influent manhole ot	Electrical Problem	Ground	Pollution Control Facility - WWTP

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
				overflow			
3/15/2008	3/15/2008	200000	None	Pump Station Overflowed	Entergy power outage	Ground	205 Jimmy Lyle Rd. - POTW
3/18/2008	3/19/2008	1860000	none	Influent Manhole at the Grit basin overflowed	Heavy rain	Whig Creek	Pollution Control Facility - POTW
2/16/2008	2/21/2008	20009000		blending	excessive rain		
3/30/2008	4/1/2008	35530000		Blending	excessive rain		
5/27/2008	5/27/2008			BLENDING PROCEDURE PERFORMED AT WWTP DUE TO EXCESSIVE STORM EVENTS EXPERIENCED IN THE AREA.			
	4/14/2008			STORMWATER BLENDING PROCEDURE WAS ENDED DUE TO EXCESSIVE STORM EVENTS IN THE AREA. THIS NOTIFICATION IS BEING PROVIDED TO ADEQ IN ACCORDANCE WITH SECTION 4 (B) OF THE CAOLIS NO. 06-114.			
6/9/2008	6/10/2008			BLENDING PROCEDURE @ WWTP	DUE TO EXCESSIVE STORM EVENTS IN THE AREA.		
6/13/2008	6/14/2008	2337500		STORMWATER BLENDING EVENT THAT OCCURRED AT THE POLLUTION	DUE TO EXCESSIVE STORM EVENTS EXPERIENCED IN THE		

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
				CONTROL WORKS ON FRIDAY, JUNE 13TH.	AREA.		
6/23/2008	6/23/2008			STORMWATER BLENDING PROCEDURE @ WWTP	DUE TO EXCESSIVE STORM EVENTS EXPERIENCED IN THE AREA.		
6/13/2008	6/14/2008			Stormwater Blending	Heavy rainfall		
9/4/2008	9/4/2008	1000	none	Pump Station overflowed	Power outage across town due to storm	ground	Old Post Pump Station
9/3/2008	9/4/2008	108000	None	Pump Station overflow	Power Outage	ground	Lost conrers pump station
9/3/2008	9/4/2008	54000	None	Pump Station overflowed for 18 hours	Power Outage across town due to storm	ditch	Rimroch pump station
9/3/2008	9/4/2008			Blending Procedure began 7am 9-3-08 ended 8 pm 9-4-08 - Bypass secondary clarifier and blended in for disinfection. - Full report will be mailed - Report in accordance with Section 4(b) of CAO LIS 06-114	Excessive storm events		
8/22/2008				Blending Procedure - bypass secondary clarifiers and blended back in for disinfection. Procedure began 4:30 pm Friday 8-22-08. Notification done in accordance with Section	excessive storm enents		WWTP

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
				4(b) CAO LIS 06-114			
8/22/2008	8/22/2008	748000		In conformance with CAO LIS 06-114 the following data is provided. TSS- 8.4 mg/l ; DO- 8.0 mg/l ; NH3- .05 mg/l ; FC- 43/100 mls ; CL2 0.19-mg/l ; pH 7.37 SU ; BOD 1.7 mg/l	Excessive Storm		WWTP
9/13/2008	9/14/2008			Bypass secondaries and blended back into waste stream prior to disinfection. Reported as per CAO LIS 06-114	Excessive storm events		POTW
9/3/2008	9/4/2008	6919000		Storm Water Blending Event	Excessive storm events		POTW
9/13/2008	9/14/2008	1683000		In conformance with CAO LIS 06-114 we would provide the following data for the storm water blending event that occurred at the Pollution Control Works, Saturday September 13, 2008 ending Sunday September 14, 2008 as conveyed in the initial reports this blending was due to excessive storm events experienced in the area.	Rainfall		POTW