

ADEQ

ARKANSAS
Department of Environmental Quality

May 8, 2009

Trevor Bowman, Public Works Director
City of Siloam Springs
P.O. Box 80
Siloam Springs, AR 72761

RE: City of Siloam Springs

AFIN: 04-00106

NPDES Permit Tracking No.: AR0020273

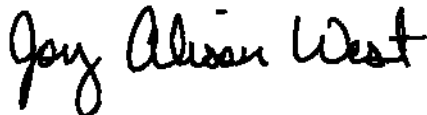
Dear Mr. Bowman:

On April 23, 2009, I performed a sanitary sewer overflow inspection of the 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 thereunder. The following is recommended:

Emergency contact information should be posted at the lift stations.

If I can be of any assistance, please contact me at 479-267-0811 ext. 12 (email: west@adeq.state.ar.us).

Sincerely,



Alison West
District 1 Field Inspector
Water Division

cc: Water Division Enforcement Branch
Water Division Permits Branch

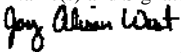
 <p style="text-align: center;">UNITED STATES ENVIRONMENTAL PROTECTION AGENCY Washington, D.C. 20460</p> <h2 style="text-align: center;">NPDES Compliance Inspection Report</h2>	Form Approved OMB No. 2040-0003
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Section A: National Data System Coding																													
Transaction Code			NPDES								Yr/Mo/Day					Inspec. Type		Inspector		Fac. Type									
1	N	2	5	3	A	R	0	0	2	0	2	7	3	11	12	0	9	0	4	2	3	17	18	V	19	S	20	1	
Remarks																													
Inspection Work Days						Facility Evaluation Rating						BI		QA		-----Reserved-----													
67						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 Siloam Springs 975 Anderson Ave. Siloam Springs, AR	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">Entry Time/Date 8:55 a.m./4-23-09</td> <td style="width:50%;">Permit Effective Date October 1, 2007</td> </tr> <tr> <td>Exit Time/Date 4:00 p.m./4-23-09</td> <td>Permit Expiration Date September 30, 2012</td> </tr> </table>	Entry Time/Date 8:55 a.m./4-23-09	Permit Effective Date October 1, 2007	Exit Time/Date 4:00 p.m./4-23-09	Permit Expiration Date September 30, 2012
Entry Time/Date 8:55 a.m./4-23-09	Permit Effective Date October 1, 2007				
Exit Time/Date 4:00 p.m./4-23-09	Permit Expiration Date September 30, 2012				
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) Tom Myers/Wastewater Superintendent/479-524-5623/479-524-4653	Other Facility Data				
Name, Address of Responsible Official/Title/Phone and Fax Number Trevor Bowman/Public Works Director/479-524-5136/479-524-8513 City of Siloam Springs P.O. Box 80 Siloam Springs, AR 72761	Contacted Yes <input type="checkbox"/> No <input checked="" 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	M	Other: SSO

Section D: Summary of Findings/Comments (Attach additional sheets if necessary)
The sanitary sewer overflow inspection was conducted in conjunction with a compliance evaluation inspection and compliance pretreatment inspection. Two pump stations were visited on April 23, 2009. Both appeared to be well maintained and clean. No evidence of high water level overflows was observed. Mr. Myers was advised to post contact information at all lift stations.

Name(s) and Signature(s) of Inspector(s)  Alison West	Agency/Office/Telephone/Fax AR Dept. of Environmental Quality-Fayetteville 479-267-0811 ext. 12/479-267-0819	Date May 4, 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
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PROVIDE A BRIEF DESCRIPTION OF THE COLLECTION SYSTEM:
The City of Siloam Springs is composed of 10 basin areas. Each basin on a map system that list size of pipe as well as manhole locations. Each manhole is numbered.

POPULATION SERVED/NUMBER OF RESIDENTIAL AND COMMERCIAL CONNECTIONS: Population is 13,990. There are 4653 residential connections, 503 commercial connections, 35 industrial connections, and 93 city connections.

FEET OF SEWER SYSTEM: 533,280 feet

AGE OF SYSTEM: 1920-present.

DOES THE SYSTEM EXPERIENCE PROBLEMS DURING DRY OR WET WEATHER (EXPLAIN): <u>The city has problems during heavy rainfall events. The city has a recommended plan for implementation of sanitary sewer rehabilitation. Each year funds are budgeted for rehabilitation.</u>	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
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IS THERE A SYSTEM IN PLACE FOR REPORTING SSOS TO ADEQ (DESCRIBE): <u>ADEQ on line report, calling ADEQ, and monthly SSO report</u>	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
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ARE ALL SSOs REPORTED REGARDLESS OF SIZE:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
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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
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- 3-5-06 918 S. Elm
- 3-10-06 Maxwell and Jefferson
- 11-29-07 320 Eliff St.
- 4-10-08 Basin 6, Manhole 93
- 4-10-08 Basin 6, Manhole 94
- 4-10-08 Basin 6, Manhole 95
- 4-10-08 Basin 6, Manhole 96
- 4-10-08 Basin 6, Manhole 40
- 4-10-08 Basin 6, Manhole 59
- 4-10-08 Basin 6, Manhole 38
- 4-10-08 Basin 6, Manhole 41
- 4-10-08 Basin 6, Manhole 98
- 4-10-08 Basin 6, Manhole 99
- 4-10-08 Basin 6, Manhole 100
- 4-10-08 Basin 6, Manhole 101

PUMP STATIONS	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
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NUMBER OF PUMP STATIONS IN SYSTEM: <u>18 in Siloam Springs. 4 in West Siloam Springs</u>	NUMBER WITH BACKUP POWER: <u>All can use portable pump system in Siloam Springs.</u>
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HOW OFTEN ARE PUMP STATIONS INSPECTED/MONITORED: Pump stations in Siloam Springs are inspected weekly. Two pump stations are inspected daily. No SCADA. Mr. Myers stated that a checklist will be sent to Mr. Ward to check the pump stations weekly in West Siloam Springs and have a monthly report submitted to Siloam Springs.

ARE MAINTENANCE RECORDS AND/OR OPERATOR LOGS KEPT: Maintenance records and operator logs are maintained on the pump stations at Siloam Springs, AR.

ADEQUATE INVENTORY OF SPARE PARTS: Yes

TYPE OF REMOTE ELECTRONIC MONITORING USED (I.E. SCADA OR AUTO DIALERS): 15 of the 18 pump stations in Siloam Springs have auto dialers. The parameters monitored are low water, high water, power failure, and 3 phase monitor.

BRIEF SUMMARY OF EMERGENCY PROCEDURES: Employees rotate pager/cell phone on call. All nights, weekends, and holidays are dispatched through police station. 15 lift stations have call out system to police and water pollution control supervisor.

NUMBER OF PUMP STATIONS VISITED DURING INSPECTION (SEE ATTACHED CHECKLISTS FOR EACH):
2

SATELLITE SYSTEMS	<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
DOES THE COLLECTION SYSTEM RECEIVE FLOW FROM SATELLITE SYSTEMS: <u>Yes</u>	
TYPE(S) OF WASTE WATER RECEIVED: <input checked="" type="checkbox"/> RESIDENTIAL <input checked="" type="checkbox"/> COMMERCIAL <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> OTHER:	
BRIEFLY DESCRIBE THE SATELLITE SYSTEM: <u>300 residents and one commercial business-casino. An average of 250,000 gallons of waste are sent to the city a month. The satellite system has 4 lift stations.</u>	
ANY KNOWN PROBLEMS WITH SATELLITE SYSTEM: <u>None.</u>	
NAME, ADDRESS AND PHONE NUMBER OF PERSON RESPONSIBLE FOR SATELLITE SYSTEM:	
Henry Ward-Public Works Director West Siloam Springs 4880 Cedar Dr. Colcord, OK 74338 918-422-5101	

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: Villa View Lift Station	
TYPE(S) OF WASTE WATER RECEIVED: <input checked="" type="checkbox"/> RESIDENTIAL <input type="checkbox"/> COMMERCIAL <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> OTHER:	
NUMBER OF PUMPS: <u>2</u>	NUMBER OPERATIONAL: <u>2</u>
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	
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 type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input checked="" 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 type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
MINIMAL ACCUMULATION OF GREASE AND SOLIDS IN WET WELLS:	<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input checked="" type="checkbox"/> NE
BACKUP POWER AND ALARMS	
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 type="checkbox"/> S <input checked="" type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
SCADA SYSTEM (LIST PARAMETERS MONITORED):	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
Emergency contact information was not posted at the lift station.	

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: Nottingham Lift Station	
TYPE(S) OF WASTE WATER RECEIVED: <input checked="" type="checkbox"/> RESIDENTIAL <input type="checkbox"/> COMMERCIAL <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> OTHER:	
NUMBER OF PUMPS: <u>2</u>	NUMBER OPERATIONAL: <u>2</u>
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	
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 type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input checked="" 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	
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 type="checkbox"/> S <input checked="" type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
SCADA SYSTEM (LIST PARAMETERS MONITORED): <u>High level, pump failure, power loss.</u>	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
Contact information was not posted at lift station.	

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
1/7/2009	1/7/2009	250	NONE	Manhole Number 142 Overflowed: started @ 2:30 and ended at 3:27	Debris in main line	Street then to Drain Culvert.	W. Tulsa and S. Mt. Olive
1/15/2007	1/15/2007	10000	NEAH	Over occurred at the head works	Electrical Cortrol failure from power outage.		975 Anderson Av.
1/3/2005	1/3/2005	200	none	975 Anderson	rainfall		
1/5/2005	1/5/2005	50	none	Basin #5, MH # 73-80	rainfall		
1/8/2007	1/8/2007	200	none	overflow at Basin #5, manhole #31	debris	ditch	410 W. Central St.
1/20/2007	1/20/2007	600	NEAH	Lift Station overflow	Debris in pump - pieces of schedule 80 and SDR sewer pipe		2000 Central St.
1/18/2007	1/18/2007	15	none	Lift Station overflow	Electrical Problem		Courtney Circle / Maloree Woods Lift Station Basin
5/8/2002	5/8/2002	1000	unknown	615 W. Harvard	Broken line		
8/22/2006	8/22/2006	15	unknown		grease	ground	1112 West Tulsa - trailer park
8/27/2006	8/27/2006	300	unknown	basin #5 and manhole #3	debris	ground	514 South Mt. Olive
12/4/2004	12/4/2004	1000	none	Basin #5, MH # 14	grease		
11/30/2001	11/30/2001	50	None	University & Washington, MH 100- Basin 6, runoff onto asphalt around MH	Lift station pwr off due to lightening.		
1/3/2005	1/3/2005	10	none	Basin #7, MH#29	roots		

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
12/30/2004	12/30/2004	1000	none	Basin #4, MH #33 and 34	grease		
4/15/2002	4/15/2002	75	unknown	N. Hico and Washington St.	air release on forced sewer broke		
10/9/2006	10/9/2006	250	None	Manhole stopped up with grease causing overflow.	Line plugged with grease.	on the ground	317 S. College
10/7/2006	10/7/2006	200	None	Manhole #72 at 998 E. Gate (Basin #6), overflowed due to grease in the line.	Line plugged up with grease.	Paved area	998 East Gate
4/26/2005	4/26/2005	10000	unknown	Basin 1, manhole #16	pump malfunctioned		
4/25/2005	4/25/2005		unknown	Basin 1 manhole #16	Electrical problem with lift station		
5/11/2001	5/11/2001	1500	No	Treatment Plant Bypass, runoff to Sager Creek	Heavy rainfall and diversion valve being closed.		
4/23/2002	4/23/2002	10000	unknown	Dogwood/Benton St. MH-48 Basin #2 into Sager Creek	heavy rain		
4/17/2002	4/17/2002	1000	unknown	Pump breach at P-2 Primary Sludge Station.	Operator related problem		
11/11/2006	11/11/2006	100	none		Grease	Ground; CB	208 S Oak Hill
3/15/2002	3/15/2002	250	unknown	1904 W. Tulsa	grease in line		
1/5/2005	1/5/2005	300000	none	975 Anderson	rainfall	Sager Creek	
1/14/2005	1/14/2005	1000	None apparent	manhole # 129 overflowed	root buildup in sewer main		
1/15/2005	1/15/2005	50	none apparent	overflow at	Grease		

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
				mahole #147	buildup in sewer main		
1/12/2005	1/13/2005	100000	none	975 Anderson	rainfall	Sager Creek	
1/24/2005	1/24/2005	100	none	Basin 3, MH 31	grease		
4/11/2002	4/11/2002	20	unknown	1605 Alpine St. Basin 2 MH 34	roots		
7/22/2006	7/22/2006	200	unknown		grease	ditch	302 South Country Club
7/10/2001	7/10/2001	0	None	WW Treatment Plant bypass - Gravity flow thru pipe to chlorine bldg--didn't reach creek.	PVC line used to protect plastic application hose for HCl gas separated at water level of west nitrification basin.		
7/15/2001	7/16/2001	0	None	WW Treatment Plant - sludge holding tank overfilled	Automatic shut off activated late		
2/24/2001	2/24/2001	0	No.	MH overflow at Benton & Dogwood	Rainfall		
3/8/2005	3/8/2005	100	unknown	Manhole #25 - Hardee's	grease		
8/22/2001	8/22/2001	500	None	210 West Tulsa	Towel in line.		
8/28/2001	8/28/2001	250	None	210 W. Tulsa, in front of middle school, runoff to ground	Towels and grease		
12/26/2006	12/26/2006	625	none	Overflow	Electrical Control Failure	GR	Courtney Cr Maloree Woods Lift Station
1/1/2007	1/1/2007	100	NEAH	Overflow	Roots	PA	207 El St Basin #5 Manhole #95

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
10/17/2001	10/17/2001	1200	None	Sludge holding tank overflow	Miscalculations in filling rate of transfer pumps		
10/5/2001	10/5/2001	50	None	Basin 5, MH 13, runoff to ditch.	Roots		
3/5/2005	3/5/2005	500	unknown	Basin 4 - manhole #36	Grease		
3/5/2005	3/5/2005	100	unknown	Basin 2, manhole #27	Grease		
3/8/2005	3/8/2005	500	unknown	Basin 1 manhole #68	Roots	customer's home	
2/9/2005	2/9/2005	1000	unknown	Basin 3, manhole 112	toilet paper blockage		
2/24/2005	2/24/2005	550	unknown	975 Anderson	Pumps failed due to main power outage which damaged start controls	ground	
9/10/2001	9/10/2001	1000	None	Twin Springs Park (MH 92) runoff onto ground and some to Sager Creek	Roots		
9/12/2001	9/12/2001	0	None	329 Rodric (behind house-easement, runoff to ground around MH	Roots		
9/17/2001	9/17/2001		None	MLSS began overflowing west nitrification basin, runoff didn't go off property	Opened dschg drain valve from trickling filter too quickly creating slug flow to nitrification basin.		
9/18/2001	9/18/2001	0	None	Secondary trickling filter overflowed during filter	Shells from filter plugged the dschg valve, which		

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
				flooding cycle, runoff on site.	resulted in filter o-flow.		
6/21/2001	6/21/2001	0	Did not directly survey site--no obvious damage. DG/Dave Cameron	MH at intersection of Dogwood & Benton, runoff to ditch nearby.	Heavy rains and tripped lift station up stream.		
11/21/2006	11/21/2006	75	none	Manhole Overflow	Grease	DI	502 Hwy 412 Basin #7 Manhole #82
11/21/2006	11/21/2006	25	none		Pulling and replacing pump; debris	DI	Courtney Cr. Maloree Woods lift station
12/16/2001	12/16/2001	0	Overflowed in two homes.	2103 & 2021 W. Harvard, side by side	Grease & Roots		
12/26/2001	12/26/2001	1000	Yard and neighbor's yards affected.	316 S. Mt. Olive, overflow from clean out, runoff to yard and neighbor's yard	Grease & roots in main line		
3/7/2001	3/7/2001	0	no	Central Street Apts, runoff to drainage ditch	Plugged sewer main		
9/14/2006	9/14/2006	100	unknown		grease	ditch	1050 North Britt
5/23/2001	5/23/2001		None	Lowest elevation at treatment plant of MH, leaking. Runoff did not get to Sager Creek.	MH lid not completely sealed.		
4/29/2001	5/29/2001	0	None	1904 W. Tulsa, sewer main backup, overflow to street curb	Grease & Paper clog		

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
				down curb 200+/- feet			
6/4/2001	6/4/2001	0	None	Behind W. Central Street Apts. , runoff across grass and to storm ditch	Paper towels in line.		
6/6/2001	6/6/2001		Unknown - runoff down slope and into spring.	AR Baptist assembly camp gnd	Rocks in sewer line		
6/3/2001	6/3/2001	0	None	1502 W. University, hole in line, runoff to grassy area.	Grease		
6/14/2001	6/15/2001	0	None	Bypass - WW Treatment Facility, overflow to storm drain	Influent grit pumppt tripped out		
6/27/2001	6/27/2001	15	None, contained to yard.	505 E. Helena, overflow came from customer's clean-out	Grease clung to roots		
7/5/2001	7/5/2001	500	None apparent, although did go into Sager Creek	MH at Maple and Univ (B2-MH14) was overflowing down ditch to spring, on to Sager Creek	Mop head clogged sewer		
7/9/2001	7/9/2001		None	MH overflow in basin 8 Herford Apts, runoff to ground.	Grease		
7/9/2001	7/9/2001	500	None	MH overflow at Harvard St & Oak Hill intersection. Runoff to ditch.	Grease		
7/17/2001	7/17/2001	1000	None	329 Rodric Circle,	Grease build up in line.		

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
				runoff to ground			
7/17/2001	7/17/2001	1000	None	1502 W. University	Roots in the line. Potential break in line.		
7/9/2001		0	None	Upset in Nitrification Basin	Unsure		
10/22/2001	10/22/2001	50	None	Wright Street off of University, MH 14, Basin 6, runoff to ground around MH.	Roots and Paper.		
12/3/2001	12/3/2001	100	None	Jefferson & Holly, Basin 1, MH 51, runoff to ground/asphalt around MH	Paper towels		
5/12/2002	5/12/2002	75	none	208 Western Hills	grease		
12/13/2001	12/13/2001	25	None	417 Rodric Circle	Paper towels, grease, roots		
12/15/2001	12/17/2001	10000	None	Dogwood & Benton, runoff into Sager Creek.	Hvy rains in the system		
1/22/2002	1/22/2002	500	None	Skilern & Delaware, Basin 8, MH-30, runoff around MH on ground.	Grease & roots.		
5/21/2002	5/22/2002	200	unknown	Sager Creek Bridge	plugged service line and broken clamp		
5/24/2002	5/24/2002	10000	none	Dogwood and Benton st. MH-48 Basin #2	heavy rain		
5/28/2002	5/28/2002	10000	none	Dogwood St. and benton st.	heavy rain		

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
				MH-48 Basin #2			
5/29/2002	5/29/2002	10000	none	Dogwood St. and Benton St. MH 48 Basin #2	heavy rain		
12/20/2006	12/20/2006	25	none	Grease	Manhole #71 overflow	Ditch	504 W. Tulsa
12/6/2006	12/6/2006	400	NEAH	Manhole overflow	Grease	Ditch	2055 W. Twin Springs # B1 Manhole #77
11/30/2006	11/30/2006	250	none	Manhole overflow	Grease		610 W. Harvard
11/30/2006	11/30/2006	2500	none	Manhole overflow	Ground Surface		2308 W. University
11/30/2006	11/30/2006	1000	none		Rainfall	Ditch	500 block of West Twin Springs Basin # 5 Manhole #129
11/30/2006	11/30/2006	500	none	manhole overflow	Rainfall	Paved area	S. Maxwell and E. Jefferson Basin #6 Manhole #96
11/30/2006	11/30/2006	1000	none	Manhole overflow	Rainfall	Ditch	500 Block of West Twin Springs Basin # 5 Manhole #129
11/30/2006	11/30/2006	250	none	manhole overflow	Rainfall	Ground surface	610 W. Harvard Basin
10/19/2006	10/19/2006	100	none	manhole overflow	Grease	Drop inlet	2125 E. Main
10/19/2006	10/19/2006	100	none	Grease	Grease	DR	2125 E. Main
11/27/2006	11/27/2006	100	none	manhole overflow	G	PA	1812 Pine St
11/23/2006	11/23/2006	50	none	manhole overflow	Grease	Ground Surface	2124 W Central
1/3/2007	1/3/2007	75	NEAH	Overflow	Debris	DI	1909 W Tulsa Basin # 4

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
							Manhole #33
1/6/2007	1/6/2007	200	NEAH	Manhole Overflow	Roots and Grease	N/A	1455 East Main
4/8/2002	4/8/2002	0	unknown	Float not working and caused recirculation pump to surcharge.	pump high level failure control		
4/8/2002	4/8/2002	10000	unknown	Dogwood and Benton St. MH 48- Basin #2	heavy rains		
4/8/2002	4/8/2002	50	unknown	403 Cheri Whitlock Dr. #49 Basin 3	roots		
5/5/2002	5/5/2002	250	none	208 Western Hills	tree roots		
11/19/2003	11/19/2003	100	none	MH #56, Basin 3	grease		
11/6/2006	11/6/2006	200	none		Grease	CB	1901 West Jefferson
11/2/2006	11/2/2006	200	none	overflow	Grease; cakes	GR	812 Jan Cr
10/24/2006	10/24/2006	25	none	Overflow	Grease	GR	207 West Cornell
11/8/2002	11/8/2002	10	none	Alpine and Maple St.	grease		
12/30/2006	12/30/2007	300	NEAH	Manhole overflow	D; Pump failure due to blockage	GR	2000 Central St Basin #1 Manhole #16
8/29/2002	8/29/2002	3000	unknown	Garland and Dogwood intersection	contractor pulled rock into PVC pipe		
2/13/2002	2/12/2002	50	None	1112 W. Tulsa, MH-21, Basin 1, runoff around MH on ground.	Grease, roots in main line.		
2/20/2002	2/20/2002	300	None	2125 W. Harvard; MH 67, Basin 1	Sewer overflowed as a result of over use of grease & roots in the main line.		
10/14/2003	10/14/2003	1000	none	MH46 Basin	grease		

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
	3			5			
6/5/2002	6/5/2002	250	none	3600 S. Lincoln-Arkansas Assembly Campground	pump struck by lightning		
6/7/2002	6/7/2002	50	none	1102 W. Tulsa St.	grease		
6/13/2002	6/14/2002	300	none	MH 14 Basin 5 W. University and Maple St.	grease		
6/18/2002	6/18/2002	1000	none	3600 S. Lincoln	large rock in impellar and volute		
2/12/2003	2/12/2003	200	none	Basin 3 MH 33	grease		
7/11/2002	7/11/2002	2642	none	3600 S. Lincoln Street	electrical problems		
10/14/2002	10/14/2002	1000	unknown	1993 Hwy. 412 West (Delmar Apts.)	grease		
10/19/2002	10/19/2002	1000	unknown	1904 W. Tulsa Street	grease plug in line		
4/11/2003	4/11/2003	75	none	3600 S. Lincoln Street	pump failure due to seal leakage		
7/10/2003	7/10/2003	5000	none	W. Jefferson St.	plugged with F.O.G. and debris		
3/14/2003	3/14/2003	5000	none	Country Club Rd. and Main St.	grease		
3/12/2003	3/12/2003	1200	none	Basin 2 MH 95	grease		
3/14/2003	3/14/2003	400	none	Tulsa St. and Maxwell St.	broken main line		
3/20/2003	3/20/2003	10000	none	Dogwood and Benton St.	malfunction of lift station and rainfall		
6/22/2005	6/22/2005	5	unknown	123 South Oak Hill, basin #5, manhole #12	roots & grease		

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
6/27/2005	6/27/2005	300	unknown	1112 West Tulsa (Colonial Estates) Basin #4, manhole #21	Grease & debris	ground - Sager Creek	
6/30/2005	6/30/2005	2500	unknown	Cheri Whitlock & Patriot Drive, basin #3, manhole #85	grease & debris	Sager Creek	
12/4/2005	12/4/2005	500	unknown	1705 North Inglewood, basin 3, manhole 195	grease	creek	
5/10/2005	5/10/2005	400	unknown	2000 Central Street - basin 1; manhole 16	rags	ground	
8/20/2004	8/20/2004	100	none	Basin #6, MH #98	pump station breakers tripped		
4/23/2004	4/23/2004	475	none	3600 S. Lincoln Street	pump failure- electricity outage		
5/3/2004	5/3/2004	500	none	209 E. University	grease		
9/22/2003	9/22/2003	750	none	MH 53, Basin 6	unknown		
9/29/2003	9/30/2003		unknown	401 W. University	area of pipe which caused breach to the collection system and line was bottlenecked		
11/8/2003	11/8/2003	150	none	Baptist Assembly	no power to sewer lift station		
12/7/2003	12/7/2003	500	none	MH 14, Basin 8	grease		
1/4/2004	1/4/2004	300	none	Basin 3, MH 47-48	roots		
1/19/2004	1/19/2004	175	none	975 Anderson Ave at wastewater	pump failure		

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
				facility			
7/10/2006	7/10/2006	50	unknown		debris	ground	Jefferson Street @ Medical center
7/6/2006	7/6/2006	250	unknown		electrical problem at transformer	ground	3600 South Lincoln - Arkansas Baptist Assemble
6/1/2004	6/1/2004	75	none	3600 S. Lincoln Street	pump failure		
7/3/2004	7/3/2004	10000	none	Basin #2, MH #48 and MH #99	heavy rainfall		
7/3/2004	7/4/2004	500	none	intersection of Dogwood and Benton St.	broken sewer line; heavy rainfall		
7/5/2004	7/5/2004	450	none	975 Anderson	plugged drain on weir discharge		
7/6/2004	7/6/2004	550	none	3600 S. Lincoln St.	pump failure due to power failure		
5/24/2006	5/24/2006	8000	unknown	Construction at site broke cap on pressure line clean out		ground, ditch	Hico & Central Streets
10/28/2004	10/28/2004	1000	none	Basin #3, MH#105 & 106	grease	unknown	
1/20/2006	1/20/2006	50	unknown	South Maple & University, basin 5, manhole 14	roots & grease	ditch	
1/19/2006	1/19/2006	200	unknown	1904 West Tulsa, basin 4, manhole 33	grease & debris	paved area	
4/23/2006	4/23/2006	150	none	S. Oak Hill and W. Harvard Basin #5, MH #55	debris		
7/30/2005	7/30/2005	35	unknown	2114 Twin Springs - private	Pump plugged with grease	ground	

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
				residence			
7/6/2005	7/6/2005	1500	unknown	2000 West University (J.B.U.) basin #2, manhole #16	Construction - line break	ditch - Sager Creek	
7/27/2005	7/27/2005	20	unknown	716 South Hico, Basin #6, manhole #121	Grease	ground	
7/29/2005	7/29/2005	100	unknown	2000 Central Street, basin #1, manhole #16	Power loss	ground	
7/30/2005	7/30/2005	150	unknown	2000 Central Street, basin #1, manhole #16	pump failure	ground	
8/4/2005	8/4/2005	150	unknown	107 Cheri Whitlock, Basin #3, manhole #47	Grease & debris	ditch	
8/9/2005	8/9/2005	250	unknown	977 East Central, basin #6, manhole #109	grease	ditch	
7/15/2005	7/15/2005	50	Unknown	800 block of South Wright in the balley, Basin #5, Manhole #143	Roots & grease	paved area	
7/15/2005	7/15/2005	250	unknown	2000 West University (JBU)	broken sewer main	Sager Creek	
11/15/2005	11/15/2005	250	unknown	South Madison St., basin #5 & manhole # 50	debris	ground	
4/30/2001	4/30/2001	100	None	409 S. College (clean-out cap in yard of residence),	Paper and tree roots.		

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
				runoff to yard.			
2/22/2001		0	No	Twin Springs Road (began 2/22 & 2/24--end dates are unknown)	Heavy rains (overflow stop date unknown)		
2/24/2001		0	Flooding	Overflow in ditch, runoff to storm sewer.	Hvy rains (overflow end date unknown)		
2/24/2001	2/24/2001		None	Splitter Box to Trickling filters at WW Treatment Plant, runoff to parking lot.	Hvy Rains		
5/17/2002	5/17/2002	15000	none observed b/c of muddy water	Dogwood and Benton intersection	heavy rain		
6/22/2006	6/22/2006	275	unknown	Lift station	debris plugged	ground	3600 So. Lincoln Street
6/22/2006	6/22/2006	100	unknown		CO	ditch	W. Twin Springs & South College
3/10/2006	3/10/2006	250	unknown	Maxwell & Jefferson, basin #6, manhole #96	debris	Sager Creek	
10/28/2005	10/28/2005	150	unknown	1605 West Alpine	debris	ditch	
10/26/2005	10/26/2005	100	unknown	977 East Central, basin \$6 manhole #109	grease	ground	
11/28/2005	11/28/2005	150	unknown	1905 West Tulsa, basin 4, manhole #135	Grease	Creek	
11/28/2005	11/28/2005	150	unknown	707 South Lincoln, basin #8, manhole	debris	ditch	

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
				#62			
11/27/2005	11/27/2005	300	unknown	Cheri Whitlock & North Hico, basin 3, manhole 93	debris	ditch	
11/22/2005	11/22/2005	250	unknown	Maxwell & Twin Springs, basin 6 & manhole 92	debris	creek	
11/22/2005	11/22/2005	5	unknown	2203 Alpine Circle	grease	ground	
11/22/2005	11/22/2005	1000	unknown	707 South Lincoln, basin 8, manhole 62	debris	ditch	
12/7/2005	12/7/2005	150	unknown	2055 West Twin Springs, basin #1, manhole #77	Grease	Ditch	
1/29/2006	1/29/2006	275	unknown	2000 Central Street, basin #1 manhole #16	rags & debris	ground	
3/5/2006	3/5/2006	475	unknown	918 South Elm, basin #5, manhole #81	grease	Creek	
12/18/2004	12/18/2004	200	none	Basin #4, MH# 34	grease		
12/16/2004	12/16/2004	100	none	Basin #4, MH # 38	grease		
12/16/2004	12/17/2004	200	none	cleanout at 2120 S. Mt. Olive	blockage at customer's service line		
3/21/2006	3/21/2006	15	unknown	106 South Country Club, basin #8, customer's cleanout	roots	ground	
4/29/2006	4/29/2006	100	unknown	710 West Elgin - PRIVATE residence	grease	ground	
5/5/2006	5/5/2006	70	unknown	123 South Oak Hill,	debris	ground	

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
				B5,MH10; 115 South Garrett, B5, MH-123			
1/31/2002	1/31/2002	0	None	Benton St & Dogwood, runoff to Sager Creek.	Rainfall - I & I		
11/2/2004	11/2/2004	500	washed down stream and diluted	Basin 3, MH# 112 and 113	broken line washed away by high water	Sager Creek	
11/1/2004	11/1/2004	5000	none	Basin #2, MH # 97, 98, 129, 128	heavy rainfall	Sager Creek	
11/12/2004	11/12/2004	200	none	Basin #6, MH #125	grease		
11/15/2004	11/15/2004	50	none	Basin #8, MH # 109	grease		
4/10/2001	4/10/2001	100	None	1020 West Granite, runoff to ditch	blockage		
3/28/2001	3/28/2001		None	28th & Carl, runoff to ditch	Sewer plugged up		
3/29/2001	3/29/2001	50	No	Carl St. & Garland, runoff to ditch	Sewer plugged up		
3/30/2001	3/30/2001	10	No	Alpine & Holly St., runoff seeped out of lid	Sewer plugged up.		
11/15/2001	11/15/2001	1000	unknown	Simmons Foods property	Line plugged with paper towels.		
11/17/2001	11/17/2001	500	None	2124 W. Central, runoff around MH, cleanouts, and into houses.	Grease		
7/17/2004	7/17/2004	1000	none	Basin #1, MH # 28	grease		
1/29/2001	1/30/2001		No	Overflow - 425 W. Twin Springs	Heavy Rain		

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
1/29/2001	1/29/2001	0	No	Overflow at Dogwood Street	Heavy Rain		
1/30/2001	1/30/2001	0	unknown	Manhole next to Sager Creek overflowing to the creek because of design failure.	Mahhole seal failed and set too low in relationship to EQ basin which recently filled due to heavy rain		
11/26/2001	11/26/2001	0	Slough on Simmons property affected.	Simmons Industries, runoff to wet weather slough on property.	Sewer line backed up, overflowed at cleanout.		
12/7/2001	12/7/2001	50	None	114 N. Country Club Rd., runoff around customer cleanout.	Paper towels, grease/roots		
2/10/2002	2/10/2002	200	None	2113 W. Twin Springs, MH-23, Basin 1, flowed around MH on ground.	Grease & roots		
8/4/2003	8/4/2003	2000	none	Basin 8 MH 64	broken pipe		
2/3/2004	2/3/2004	200	none	1705 N Inglewood	F.O.G. build up in sewer main		
1/8/2003	1/8/2003	100	none	Broadway and Main street intersection	grease plugged main line		
2/5/2003	2/5/2003	250	none	Basin 8 MH 98	grease		
3/3/2004	3/6/2004	10000	none	Basin #2, MH #129, 48, 101, and 99; Basin#8, MH#98, 129, and 130; Basin #5, MH#163;	lightening damage of lift station interceptor		

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
3/3/2004	3/4/2004	10000	none	Basin #4, MH #33	grease and increased flow		
3/3/2004	3/3/2004	10000	none	Basin #2, MH #108	grease and increased flow		
8/20/2003	8/20/2003	2000	none	Basin 5, MH 1	grease		
10/1/2005	10/1/2005	75	unknown	Lift Station located at Baptist Assembly Site 3600 South Lincoln Street , manhole #1	electrical failure	ground	
9/2/2004	9/2/2004	5000	none	Basin 8, MH 62-63	grease		
2/16/2007	2/16/2007	200	None	Manhole overflow	Debris	Ditch	1993 Hwy 412 West Basin#4, Manhole#4 2
3/29/2007	3/29/2007	50	None observed	Manhole overflow	Debris	Manhole #14	N. Maple Street
3/21/2007	3/21/2007	250	None observed		Equipment failure in Simmons Food Storm Water Pump Station	Ditch	Intersection Hico Street and University St.
7/30/2004	7/30/2004	350	none	975 Anderson Ave.	pump failure due to main power float switch failure		
7/29/2004	7/30/2004	10000	none	Basin #2, MH 48 and 99	heavy rainfall		
8/30/2005	8/30/2005	75	unknown	975 Anderson Avenue	electrical - switch failure	ground	
3/10/2006	3/10/2006	35	unknown	106 North Country Club, basin 8, manhole - customer cleanout	grease	ditch	
3/8/2006	3/8/2006	250	unknown	1771 East Kenwood, basin #8, manhole - from	debris & grease	ditch	

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
				customer's cleanout			
4/6/2006	4/6/2006	200	unknown	E. Tahlequah & North Washington	roots & debris	ditch	
4/11/2006	4/11/2006	100	unknown	600 Block of West Elgin, #B3/MH22	debris	ground, ditch	
4/12/2006	4/12/2006	200	unknown	E. Tahlequah & North Washington	debris	ditch	
4/13/2006	4/13/2006	10000	unknown	707 South Lincoln, basin 8, manhole 105	vandalism - bar-b-que grill and concrete blocks in the manhole	ground	
7/3/2006	7/3/2006	10	unknown	manhole overflow	grease	ground	1999 Highway 412 West Delmar Apts
7/2/2006	7/2/2006	250	unknown		pump failure	ground	3600 South Lincoln Arkansas Baptist Assembly
1/18/2007	1/18/2007	15	NEAH	Lift station overflow	Electrical Controls Failure		Courtney Circle Maloree Woods lift station
3/19/2007	3/19/2007	700	None observed		Equipment failure in Simmons Food Pump Station	Ditch	Intersection Hico Street and University Street
4/18/2007	4/18/2007	500	None observed		Debris	DI	University & Garrett Manhole #11
1/25/2007	1/25/2007	50		Manhole overflow	Grease	To the ground	300 Block of E Twin Springs Basin #6, Manhole #68
1/24/2007	1/24/2007	15	None		Grease	To the ground	1801 W Granite
6/11/2007	6/11/2007	150	NEAH	Overflow	Debris		S. Maple

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
							and University Basin #5 Manhole #14
6/19/2007	6/19/2007	150	NEAH		roots		1020 W. Granite Basin 4 Manhole 81 to 80
8/7/2007							
8/7/2007 5:30:00 PM	8/8/2007 7:00:00 AM		NONE	WENT THROUGH PROCESS BUT RENDERED PROCESS INEFFECTIVE - CLOUDINE SS IN POOL NO FISH KILL DOWNSTREAM, GOING BACK OUT TO STREAM TO SEE WHAT IT LOOKS LIKE.	RECEIVED A SLUG LOAD OF AN OILY SUBSTANCE. IT KILLED BIOLOGICAL PROCESS GOT KILLED.	SAGER CREEK	
8/14/2007	8/14/2007	5	NEAH	Manhole #24	Debris and Grease		901 W. Beach
9/13/2007	9/13/2007	50	NEAH	Overflow from customer cleanout	Line Failure		817 E. Main
11/23/2007	11/23/2007	80	NEAH	MH overflow	roots	drainage ditch	425 W Twin Springs MH#31
5/17/2007	5/17/2007	200	none	overflow			107 Cheri Whitlock Basin #3 Manhole #1
2/26/2007	2/26/2007	50	None		Grease		1904 W. Tulsa
5/19/2007	5/19/2007	75	none	overflow	grease		805 S. Oak Hill Basin

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
							#5 Manhole #68
2/23/2007	2/23/2007	1250	None		Line failure		616 South Elm in Rear of Property
5/10/2007	5/10/2007	40	none	manhole overflow	roots grease		1502 W. University Basin 20 manhole 21
2/22/2007	2/22/2007	100	None		Debris		Northside School W. Elgin St Basin #3
5/4/2007	5/4/2007	50	none	manhole overflow	grease		107 N. Country Club
5/4/2007	5/4/2007	75	none	manhole overflow	debris and grease		N Wright & Helena basin 3 manhole 31
9/22/2007	9/22/2007	1000	NEAH	Manhole #15 Overflow	Pump Floats Tangled		Western Hills Basin #1/Manhole #15
8/15/2007	8/15/2007	1000	NEAH	Not Described	Line Failure		893 Ask Ct.
8/21/2007	8/21/2007	5	NEAH	Manhole Overflow - #120	Debris		936 S. Maxwell
8/23/2007	8/23/2007	250	NEAH	Manhole #124 Overflowed	Roots and Grease		1203 E. Harvard
10/3/2007	10/3/2007	100	NEAH	Manhole Overflow	Grease Buildup		506 N. Oak Hill
10/18/2007	10/18/2007	2000			Roots and Grease		
9/4/2007	9/4/2007	300	NEAH	Manhole #1 overflow	Electrical Control Failure		3600 S. Lincoln - West lower lift station
9/10/2007	9/10/2007	50	NEAH	Manhole #1 overflow	Electrical Control Failure		3600 S. Lincoln - West lower lift station.
9/10/2007	9/10/2007	20	NEAH	Manhole #76 overflow	Grease		1112 W. Tulsa
9/12/2007	9/12/2007	100	NEAH	Manholw 109	Roots	unnamed ditch	977 E. Central

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
				Overflow			
12/23/2007	12/23/2007	50	NEAH	Mh overflow	grease	ground	826 S. Maxwell
12/26/2007	12/26/2007	50	NEAH	overflow at cleanout	grease	Ditch	Basin 5 Manhole #126
1/2/2008	1/2/2008	15	NEAH	MH overflow	paper towels		Basin 6 MH-167
1/2/2008	1/2/2008	100	None	MH overflow	roots	ditch	Basin 3, MH#85
1/3/2008	1/3/2008	500	None	line breakage	construction	Ditch	Basin #8 between MH #'s 65 and 66
10/18/2007	10/18/2007	2000	NEAH	Manhole #14 overflow	Roots and Grease		E. Main and S. Lincoln
10/29/2007	10/29/2007	20	NEAH	Manhole # 63 overflowed	Grease		840 S. Cherry
11/14/2007	11/14/2007	25	NEAH	Manhole #76 overflow	Grease		E Kenwood and S. Madison
11/13/2007	11/13/2007	75	NEAH	Manhole #47 overflow	Grease		107 Cheri Whitlock
11/15/2007	11/15/2007	100	NEAH	Manhole overflow	Grease		S. Maple
11/20/2007	11/20/2007	50	NEAH	Manhole #1 Overflow	Electrical Cord Failure - west lower lift station.		3600 S. Lincoln
11/21/2007	11/21/2007	75	NEAH		roots	Ditch	425 West Twin Springs
12/1/2007	12/1/2007	15	NEAH				501 E. Helena line blockage
12/1/2007	12/1/2007	5	NEAH	Overflowing Manhole.	Grease	Ditch	1605 W. Alpine
12/10/2007	12/10/2007	50	NEAH	overflow inside residence	Grease	ground contained in building	311 West Jefferson
11/8/2007	11/8/2007	50	NEAH	line break	malfunction	DI	801 North Country Club
11/2/2007	11/2/2007	250	NEAH		grease, debris	DI	107 Chad B3MH47
11/6/2007	11/6/2007	20	NEAH		roots	gound	2320 West Jefferson

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
12/10/2007	12/10/2007	50	NEAH	overflow	grease	ground	311 West Jefferson
12/18/2007	12/18/2007	500	NEAH	plugged line	debris	paved area to drop inlet	410 North Broadway
1/24/2008	1/24/2008	10	NONE	Baisen #2 overflowed	paper debris	Ground Surface	935 W. Tulsa
11/29/2007	11/29/2007	50	NEAH	Basin#5, MH#4	grease	storm drain	420 Eliff Street
1/23/2008	1/23/2008	75	None	line breakage	debris	drainage ditch	521 S Maple, basin 5 mh 127, 128
2/4/2008	2/4/2008	50	None	1600 Savahanna	Air release malfunctioned on force main.	Ground surface	
2/5/2008	2/5/2008	10	None	605 W Benton in Basin #2	Grease in customers service line	On the ground around customers clean out	
1/29/2008	1/29/2008	5	None	overflow from customers cleanout	paper debris	ground surface	814 North Wright
1/24/2008	1/24/2008	10	none	MH overflow	paper debris	ground surface	935 W. Tulsa Basin #2
1/9/2008	1/9/2008	10	None	MH overflow	grease	ground surface	832 S. Maxwell
1/8/2008	1/8/2008	50	None	overflow	paper debris	ditch	403 Cheri Whitlock, Basin #3, MH#85
2/17/2008	2/17/2008	1000	None	MH overflow	I and I	pavement, Sager Creek	Intersection of Jefferson and Maxwell Basin 6 MH-96
3/18/2008		95700	None apparent	Basin #5, MH #117; started 9:00 a.m. on 3/18, still overflowing as of 2:00 p.m. on 3/19.	Heavy rainfall	Drainage ditch	400 block of W. Twin Springs
3/18/2008		3960	None apparent	Customer's cleanout,	Heavy rainfall	Ground surface	606 S. Maxwell

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
				basin #7; started 4:00 p.m. on 3/18, still overflowing as of 2:00 p.m. on 3/19.			
3/19/2008	3/20/2008	17000	None apparent	Basin #6, MH #96	Heavy rainfall	Paved area	400 block of S. Maxwell
3/19/2008	3/20/2008	23000	None apparent	Basin #6, MH #95	Heavy rainfall	Paved area	400 block of S. Maxwell
3/21/2008	3/21/2008	25000	None apparent	Basin #6, MH #96	Paper debris	Paved area	400 block of S. Maxwell
3/31/2008	3/31/2008	3000	NEAH	Both pumps plugged with debris; Called out at 4:45 p.m., back in service 5:30 p.m.	Debris in pumps	Ground next to MH	2000 Central Street Lift Station
3/31/2008	3/31/2008	200	None	Basin #2, MH #28; started 3 p.m., stopped 6:30 p.m.	Roots	Paved surface	Intersection of Holly & W. Central
3/31/2008	3/31/2008	300	NEAH	Baptist Assembly Lift Station; called out 10:49 a.m., back in service 11:30 a.m.	Equipment failure / Electrical system overload	Ground next to MH	3600 S. Lincoln
3/31/2008	3/31/2008	1500	None	Started 3:30 p.m., stopped 7:30 p.m.	Heavy rainfall	Drainage ditch	650 Hwy 412 West
3/11/2008	3/11/2008	200	None apparent	Air release on pump line leaving Simmons lift station found to be broken. Sewage contained inside air release manhole	Equipment failure.	Ground Surface	616 E. University

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
				except the amount that leaked out of bottom into the ground. Air release is located near MH 135 in basin 6. Problem was reported at 11:10 a.m. on 3/11/08. It was repaired at 1:30 p.m. 3/11.			
3/11/2008	3/11/2008	250	None	Basin 3 MH overflowed onto paved parking area at 3:47 p.m. on 3/11/08. The main was hydrocleaned and the area was limed. The overflow ended at 5:15 p.m. on 3/11/08.	Debris	Paved area	501 N. Lincoln
3/12/2008	3/12/2008	150	None	The sewer service line at 1500 W. Jefferson was hit by a contractor during construction . The sewage was contained in a ditch. The line was hit at 3:15 p.m. on 3/12/08. The repair on the service line was	Construction accident.	Ditch	1500 W. Jefferson

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
				completed before 5:00 p.m. on 3/12/08.			
3/17/2008	3/17/2008	30	None	Started 3:15 p.m., stopped 4:00 p.m. Basin #6, MH #108	Grease	Ground surface	957 E. Central
3/3/2008	3/4/2008	10000	NONE	MANHOLE 33 IN BASIN 5 OVERFLOWED.	EXCESSIVE RAINFALL	DITCH	
3/18/2008	3/19/2008	6000	None apparent	Basin #5 MH #90 overflow; started 3:00 p.m. on 3/18/2008, stopped 1:00 a.m. 3/19/2008	Heavy Rainfall	Drainage ditch	650 Hwy 412 West /
3/18/2008		3960	None apparent	Customer's cleanout in Basin #7; started 4 p.m. 3/18, still overflowing as of 2 p.m. 3/19	Heavy Rainfall	Ground surface	606 S. Maxwell
3/18/2008		64800	None apparent	Basin #6, MH #96; started 3/18/2008 at 10:30 a.m. and still overflowing as of 1:30 p.m. on 3/19/2008.	Heavy rainfall	Paved area	400 block of S. Maxwell
3/18/2008	3/19/2008	20000	No evidence of adverse health or environmental impact	City of Siloam Springs Water Pollution Facility; MH which feeds highwater flows to storm basin	Heavy flow to plant from 10.5" rain event cause MH to surcharge	Ground next to MH	975 Anderson Ave.

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
				overflowed;			
3/18/2008	3/19/2008	33000	None apparent	Basin #5, customer's cleanout; started 9:40 a.m. on 9/18, stopped at 1:00 p.m. on 9/19.	Heavy rainfall	Ground surface	610 W. Harvard
3/18/2008	3/19/2008	33000	None apparent	Customer's cleanout, Basin #5; started 9:40 a.m. on 3/18, stopped 1:00 p.m. 3/19.	Heavy rainfall	Ground surface	610 Harvard
3/31/2008	3/31/2008	25000	None apparent	Basin #5, MH #117; start 3:30 p.m., stop 7:30 p.m.	Heavy rainfall	Drainage ditch	400 block of West Twin Springs
3/31/2008	3/31/2008	25000	None apparent	Basin #6, MH #96; Start 3:30 p.m., stop 7:30 p.m.	Heavy rainfall	Paved area	400 block of S. Maxwell
3/31/2008	3/31/2008	50000	None apparent	Basin #8, MH #99; start 3:40 p.m., stop 7:00 p.m.	Heavy rainfall	Ground surface	600 block of N. Washington
3/31/2008	3/31/2008	30000	None apparent	Basin #8, MH #100; start 3:40 p.m., stop 7:00 p.m.	Heavy rainfall	Paved area / ground surface	600 block of N. Washington
3/31/2008	3/31/2008	20000	None apparent	Basin #8, MH #101; start 3:40 p.m., stop 7:00 p.m.	Heavy rainfall	Pave area / ground surface	600 block of N. Washington
3/18/2008	3/19/2008	4800	None	Basin #5 MH #14 overflow; started 9:00 a.m. 3/18/2008, stopped 1:00 a.m.	Heavy rainfall	Drainage ditch	110 N. Maple

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
				3/19/2008			
3/18/2008		81000	None apparent	Basin #6 MH #95 overflow; started 10:30 a.m. on 3/18, still overflowing as of 1:30 p.m. on 3/19.	Heavy Rainfall	Paved area	400 block of S. Maxwell
3/18/2008	3/19/2008	4410	None apparent	Basin #8, MH #99 overflow; started 2:30 p.m. on 3/18, stopped 1:00 a.m. on 3/19.	Heavy rainfall	Drainage ditch	600 block of N. Washington
3/18/2008	3/19/2008	4410	None apparent	Basin #8, MH #100 overflow; started 2:30 p.m. on 3/18, stopped 1:00 a.m. 3/19	Heavy rainfall	Drainage ditch	600 block of N. Washington
3/19/2008	3/20/2008	1200	None apparent	Customer's cleanout in Basin #7; start 2:00 p.m. on 3/19, stop at 12:00 a.m. on 3/20	Heavy rainfall	Ground surface	606 S. Maxwell
3/19/2008	3/20/2008	32000	None apparent	Basin #5, MH #117; started 2:00 p.m. 3/19, stopped 1:45 a.m. 3/20.	Heavy rainfall	Drainage ditch	400 block of W. Twin Springs
4/10/2008	4/10/2008	24000	None apparent. The level of Sager Creek was highly elevated due to excessive rain.	MH #93 in Basin 6 backed up due to I & I from heavy rainfall. It was found to be overflowing	I & I	Sager Creek	S. Maxwell St.

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
				at 8 and ended at 12:00. (Note: AM/PM not specified.) Overflow went into storm drain and then to Sager Creek.			
4/10/2008	4/10/2008	24000	None apparent. The level of Sager Creek was highly elevated due excessive rain.	MH #94 in Basin 6 backed up due to I & I from heavy rainfall. It was found to be overflowing at 8:00 and ended at 12:00. (Note: AM/PM not specified.) The overflow went into the storm drain and then into Sager Creek.	I & I	Sager Creek	S. Maxwell St.
4/10/2008	4/10/2008	24000	None apparent. The level of Sager Creek was highly elevated due to excessive rain.	MH #95 in Basin 6 backed up due to I & I from heavy rainfall. It was found to be overflowing at 8:00 and ended at 12:00. (Note: AM/PM not specified.) The overflow went into the storm	I & I	Sager Creek	S. Maxwell St.

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
				drain and then into Sager Creek.			
4/10/2008	4/10/2008	24000	None apparent. The level of Sager Creek was highly elevated due to excessive rain.	MH #40 in Basin 6 backed up due to I & I from heavy rainfall. It was found to be overflowing at 8:00 and ended at 12:00. (Note: AM/PM not specified.) The overflow went into the storm drain and then into Sager Creek.	I & I	Sager Creek	S. Maxwell St.
4/10/2008	4/10/2008	24000	None apparent. The level of Sager Creek was highly elevated due to excessive rain.	MH #96 in Basin 6 backed up due to I & I from heavy rainfall. It was found to be overflowing at 8:00 and ended at 12:00. (Note: AM/PM not specified.) The overflow went into the storm drain and then into Sager Creek.	I & I	Sager Creek	S. Maxwell Street
4/10/2008	4/10/2008	24000	None apparent. The level of Sager Creek was	MH #59 in Basin 6 backed up	I & I	Sager Creek	S. Maxwell Street

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
			highly elevated due to excessive rain.	due to I & I from heavy rainfall. It was found to be overflowing at 8:00 and ended at 12:00. (Note: AM/PM not specified.) The overflow went into the storm drain and then Sager Creek.			
4/10/2008	4/10/2008	75000	NEAH	High flows into water pollution facility MH to storm basin overflowed	High flows from heavy rain event	Ground next to MH	
4/10/2008	4/10/2008	20	None	Sewer backed up due to I & I from excessive rainfall, backed up into the tub at 610 S. Maxwell. Overflow was reported at 8:40 a.m. and at 12:00 Noon the flow in sewer had lowered enough to stop overflow.	I & I from heavy rains	Ditch	610 S. Maxwell
7/18/2008	7/18/2008	50	None	700 block South Lincoln Street	New construction sewer line.	Ground	
4/10/2008	4/10/2008	2000	None apparent	Sewer	I & I from	Ditch	604 S.

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
				backed up due to I & I from excessive rainfall, out of cleanout at 604 S. Maxwell. Overflow reported at 8:40 a.m. and at 12:00 Noon the flow in sewer had lowered enough to stop overflow.	heavy rains.		Maxwell
4/10/2008	4/10/2008	2000	None	Sewer backed up due to construction damage. A plumber had left a piece of damaged sewer main open overnight. Rain, water, rocks, and debris filled the main causing an overflow into 109 Beech St.	Construction damage	Inside of house and the yard	109 Beech Street
4/10/2008	4/10/2008	24000	None apparent. The level of Sager Creek was highly elevated due to excessive rain.	MH #38 in Basin 6 backed up due to I & I from heavy rainfall. It was found to be overflowing at 8:00 and ended at 12:00. (Note: AM/PM not specified.) The	I & I	Sager Creek	S. Maxwell St.

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
				overflow went into the storm drain then into Sager Creek.			
4/10/2008	4/10/2008	24000	None apparent. The level of Sager Creek was highly elevated due to excessive rain.	MH #41 in Basin 6 backed up due to I & I from heavy rainfall. It was found to be overflowing at 8:00 and ended at 12:00. (Note: AM/PM not specified.) The overflow went into the storm drain then into Sager Creek.	I & I	Sager Creek	S. Maxwell Street
4/10/2008	4/10/2008	88000	None apparent. The level of Sager Creek was highly elevated due to excessive rain.	MH #98 in Basin 6 backed up due to I & I from heavy rainfall. Washington Street parallels Sager Creek. The MH was found to be overflowing at 8:00 and ended at 3:20. (Note: AM/PM not specified.) The overflow went into the storm drain and then into Sager	I & I	Sager Creek	S. Washington St.

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
				Creek.			
4/10/2008	4/10/2008	88000	None apparent. The level of Sager Creek was highly elevated due to excessive rain.	MH #99 in Basin 6 backed up due to I & I from heavy rainfall. S. Washington Street parallels Sager Creek. The MH was found to be overflowing at 8:00 and ended at 3:20. (Note: AM/PM not specified.) The overflow went into the storm drain and then into Sager Creek.	I & I	Sager Creek	S. Washington St.
4/10/2008	4/10/2008	88000	None apparent. The level of Sager Creek was highly elevated due to excessive rain.	MH #100 in Basin 6 backed up due to I & I from heavy rainfall. S. Washington St. parallels Sager Creek. The MH was found to be overflowing at 8:00 and ended at 3:20. (Note: AM/PM not specified.) The overflow went into the storm drain and then into Sager Creek.	I & I	Sager Creek	S. Washington Street

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
4/10/2008	4/10/2008	88000	None apparent. The level of Sager Creek was highly elevated due to excessive rain.	MH #101 in Basin 6 backed up due to I & I from heavy rainfall. S. Washington St. parallels Sager Creek. The MH was found to be overflowing at 8:00 and ended at 3:20. (Note: AM/PM not specified.) The overflow went into the storm drain and then Sager Creek.	I & I	Sager Creek	S. Washington St.
4/10/2008	4/10/2008	150	None apparent.	Sewer backed up causing overflow inside house. Backup reported at 3:00 a.m. and ended at 3:30 a.m.	Roots & grease.	Inside house	858 Jersey St.
4/10/2008	4/10/2008	200	None apparent.	Overflow from customer's cleanout due to I & I from heavy rainfall.	I & I from heavy rainfall.	Ground	836 S. Washington St.
4/10/2008	4/10/2008	45000	None apparent.	MH #117 in Basin 5 found to be overflowing at 8:00 and ended around 3:30. (Note: AM/PM not specified.)	I & I due to heavy rainfall.	Ditch	400 block of W. Twin Springs

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
4/10/2008	4/10/2008	10000	None apparent	MH #90 in Basin 5 was found to be overflowing at 8:00 am. And ended around 3:30 p.m.	I & I from heavy rainfall.	Ditch	650 Hwy 412
4/11/2008	4/11/2008	400	None apparent	Start 3:00 p.m., stop 3:45 p.m., Basin #5, MH #14	Paper debris	Drainage ditch	N. Maple St.
4/13/2008	4/13/2008	50	NEAH	Manhole Overflow	Roots	ditch	929 Wright St.
4/24/2008	4/24/2008	500	None	Manhole Overflow # 139 in basin 6	Grease and Debris	Ground	Intersection of N. Washington and E. Cornell
4/24/2008	4/24/2008	50	None	Manhole Overflow #25 From 10:32 until 10:45	Grease and Debris	ditch	22055 W. Twin Springs
4/24/2008	4/24/2008	500	None	MH #139 in Basin 6 overflowed from 1:42 p.m. until 3:16 p.m.	Grease and debris	Ground surface	Intersection of N. Washington and E. Cornell
4/24/2008	4/24/2008	50	None	Overflow from MH #25 in Basin 1 from 10:32 a.m. until 10:45 a.m.	Grease and debris.	Ditch	2055 W. Twin Springs
4/26/2008	4/26/2008	20	NEAH	Basin 3, MH #11, Began 2:37, ended 4:40 (Note: AM/PM not specified.)	Debris	Creek	902 N. Carl
4/28/2008	4/28/2008	50	NEAH	Began 10:30 a.m., ended 11:00 a.m.	Blown fuses at pump.	Ground	Lower Baptist Assembly
4/29/2008	4/29/2008	800	NEAH	Manhole Overflowed	Electrical Problems	Ground	3600 S. Lincoln
5/28/2008	5/28/2008	75	NONE	BASIN #5, MH #11 @ 114 S.	TOILET PAPER	DRAINAGE DITCH	

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
				GARRETT			
5/28/2008	5/29/2008	500	none	819 S. Seward - pipe under home broke releasing sewer into a basement drain.	Failed plumbing	Ditch	
6/1/2008	6/1/2008	50	NONE	CUSTOMER CLEAN OUT @ 606 S. MAXWELL, BASIN #7	HEAVY RAINFALL	GROUND	
9/3/2008	9/4/2008	1000	NEAH	Cleanout overflow	Heavy Rainfall	Ground Surface	610 W. Harvard
9/3/2008	9/4/2008	1000	NEAH		Heavy Rainfall	Ground, Surface	610 W. Harvard
8/10/2008	8/10/2008	150	NEAH	Lift Station Overflow	Equipment Failure	Ground next to manhole	2000 W. Central St. - Southern Hill Lift Station
9/6/2008	9/6/2008	500	NEAH	Overflow	Grease	Ground	721 S. Lincoln
9/5/2008	9/5/2008	50	None	Manhole Overflow	Sewer Backup		1115 N. Britt
9/16/2008	9/16/2008	200	NEAH	Lift Station Overflow	Main Electrical feed line two fuses failid	Ground	3600 S. Lincoln
9/17/2008	9/17/2008	100				Ground	3600 S. Lincoln
9/17/2008	9/17/2008	100	NEAH	Manhole Overflow	Float Switch Malfunction	Ground	3600 S. Lincoln St.
9/19/2008	9/19/2008	25	NEAH	Manhole Overflow	Equipment Failure	Ground	3600 S. Lincoln St.
9/25/2008	9/25/2008	75	NEAH	Manhole Overflow	Lift Station Power Outage	Ground	2000 E. Central
11/29/2008	11/29/2008	20	NEAH	Manhole Overflow	Grease		833 S. Maxwell
11/24/2008	11/24/2008	20	NEAH	Manhole #21 Overflowed	Roots and Grease	Basin 4	1112 W. Tulsa
11/26/2008	11/26/2008	150	None	Manhole Overflow	Grease	Ground and Street Surface	1904 W. Tulsa Basin #4 MH#33
12/3/2008	12/3/2008	250	OEHC	Discharge inside of	Damaged private		750 W. Twin

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
				House	plumbing		Springs
12/9/2008	12/9/2008	75	NEAH		Tank backed up for short period	Ground next to tank	975 Anderson Avenue
12/2/2008	12/2/2008	35	NEAH	Manhole 142 Overflowed	Roots and Grease		W. Tulsa St. and N. Mt. Olive
12/13/2008	12/13/2008	40	None	Basin #3 MH #59	Grease	Drainage Ditch	N. Britt and E. Helena
12/20/2008	12/20/2008	75	NEAH	Manhole Overflow	Grease Roots	Ground	308 S. Mt. Olive
12/22/2008	12/22/2008	20	NEAH	Manhole 105 in Basin 5 Overflowed	Grease		319 Jones
12/28/2009	12/28/2009	50	NEAH	Lift Station Overflow	Power Failure	Ground Next to Manhole	2000 W. Central Street Lift Station
1/12/2009	1/12/2009	500	None apparent	Manhole 46 in basin 3 backed up and overflowed.	Grease and debris	drainage ditch	Intersection of Mt. Olive and Cheri Whitlock
1/12/2009	1/12/2009	500	not given	not given	not given	ditch	not given
1/26/2009	1/26/2009	500	none	Manhole 65 in basin 4 overflowed. The overflow was reported at 9:00 am and ended 11:00 am.	debris	ditch	End of Courtney Ct.
1/29/2009		500	None	Lift Station Overflow	Electrical Failure due to Ice storm	ground	Maloree Woods Lift Station
1/29/2009	1/29/2009	100	NEAH	Lift Station Overflowed	Electrical Failure due to ice storm	ground	Maloree Woods lift station
2/6/2009	2/7/2009	25	None	Customer Cleanout Overflow. Overflow reported at 1:30 pm 2-6-09 and water shut off at 1:30 pm 2-7-09	Overflow ended after water was shut off.	Ground Surface	321 Siloam Place

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
2/10/2009	2/13/2009	3500	None	Mainline overflow between manholes 111 and 112.	Sewer line was damaged by elevated creek levels from the rain event that took place 2/10/09.	Sager Creek	The creek crossing @ 904 N. Lincoln in basin 3 between manholes 111 and 112.
2/24/2009	2/24/2009	25	None	Manhole Overflow #92 in Basin #6	grease	sager creek	S. Maxwell and E. Twin Springs
2/25/2009	2/25/2009	15	NEAH		grease		back of property at 810 E. Central

-----Original Message-----

From: David Cameron [mailto:dcaeron@siloomsprings.com]

Sent: Tuesday, June 02, 2009 9:26 AM

To: Garner, Cindy

Cc: Judy Toler; Tom Myers

Subject: Inspection Response

Cindy:

I apologize for our tardy reply. We have made a personnel change in the water and wastewater department and we missed the Friday deadline. Your patience is appreciated.

Regards,

David Cameron, City Administrator



June 2, 2009

Ms. Cindy Garner, Technical Assistance Manager
Water Division Enforcement Branch
Arkansas Department of Environmental Quality
5301 North Shore Drive
North Little Rock, AR 72118-5317

RE: Siloam Springs NPDES
AFIN: 04-00106 NPDES Permit No. AR0020273

Dear Ms. Garner:

Please allow this letter to serve as response to the Routine Compliance Evaluation, Pretreatment Compliance and Sanitary Overflow Inspection Letters dated May 8, 2009, and received May 15, 2009. The letter resulted from an ADEQ inspection conducted on April 22nd and 23rd by Ms. Alison West.

COMPLIANCE EVALUATION INSPECTION

A violation was cited which stated that the method which the City of Siloam Springs had been using for the determination of dissolved oxygen and total residual chlorine is no longer acceptable. The City of Siloam Springs is now utilizing Standard methods number 4500-O G, Oxygen dissolved Electrode and 4500-Cl G for Chlorine-Total residual Spectrophotometric, DPD methods.

PRETREATMENT COMPLIANCE INSPECTION

Inspection of the pretreatment program found that chain of custody forms were not properly filled out by the lab contracted to run tests last year. City staff had already discovered that these forms were not submitted properly, and had requested Environmental Testing Group, Inc. to make all necessary corrections. This information was shown to Ms. West at the time of the inspection. Attached please find Exhibit "A", which illustrates the incorrect way to complete the form, and Exhibit "B", which shows the correct way.

SANITARY OVERFLOW INSPECTION

Emergency contact information should be posted at the lift stations. The City has ordered signs made which will contain emergency contact information, and will be placed at each lift station.

The City of Siloam Springs takes our compliance with ADEQ seriously. We have taken necessary steps to comply with Ms. West's report.

If you have questions regarding these matters, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink, appearing to read "DC", is written over the word "Sincerely,".

David Cameron
City Administrator

cc: Peggy Woody, City Clerk (w/attachments)
Tom Myers, Wastewater Superintendent (w/attachments)
Alison West, District Field Inspector (w/attachments)

Exhibit "A"

Environmental Testing Group, Inc
 1702 East Central Avenue
 Bentonville, AR 72712
 Ph. (479) 271-7996 FX. (479) 271-8394

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Dan Cole
 Phone #: 479-549-6053
 Address: Cobb - Vantrass
 FAX #: 479-549-6053
 Address: PO Box 1030
 Project Name: Steam Springs, AR 72761
 Project Number: 1915
 Project Location: 1915
 Effluent Sampler: X

Sample ID	Lab # (Lab use only)	Grab	Composite	Matrix				Method Preserved				Date Sampled	Time Sampled	Analysis Request	Other
				Water	Soil	Sludge	Other (Specify)	H ₂ SO ₄	HNO ₃	Ice	Non preserved				
AB82007-01			X	X				X	X	X		2/19-20/08	1140-1140	X	
Effluent Grab	AB82007-02	X	X					X	X	X		2/20/08	1205	X	

AB82007-01 D
 Effluent
 Sampled: 02/20/08 11:40
 Water- Work Order Label

Retrieved By: _____ Date: _____ Time: _____ Received By: _____
 Retrieved By: _____ Date: _____ Time: _____ Received By: _____

Retrieved By: Joshua Houslad Date: 2/20/08 Time: 1250 Received By: Deanne Blavansis

Remarks: PH-6.98 @ 1207
 Dup-6.98 @ 1205
 taken @ 1205

LABORATORY COMMENTS:
 In Lab Temp: 22
 Outbody Seals: Y
 Bottles Supplied by ETG: N

Receipt of sample is by Environmental Testing Group, Inc. acknowledges acceptance of standard Terms and Conditions on the reverse side.

Exhibit 'B'

nelap
 1702 East Central Avenue
 Bentonville, AR 72712
 Ph: (479) 271-7996
 Fax: (479) 271-8394

Cobb-Vantress Effluent
CHAIN OF CUSTODY RECORD

CLIENT INFORMATION		Reporting Information		Bottle Type:		Preservation Codes:											
Cobb - Vantress PO Box 1030 Silcaam Springs, AR 72761		Project Name		A) 1 Liter Poly		1. Cool & Degrees Centigrade Non-preserved											
Customer Number 1915		E-Mail:		B) 500 mL Poly		2. Sulfuric Acid (H ₂ SO ₄), pH < 2											
Project Manager: Dan Cole		Telephone: (479) 549-6053		C) 250 mL Poly		3. Nitric Acid (HNO ₃), pH < 2											
		Fax:		D) 1 L Amber Glass		4. Thiocyanate for Dechlorination											
		Bill for P.O.#:		E) 330 mL Amber Glass		5. Hydrochloric Acid (HCl)											
				F) 100 mL Snap Cap		6. Sodium Hydroxide (NaOH), pH > 12											
				G) 43 mL VOA		7. H ₃ PO ₄ , Phosphoric Acid											
				H) 1 L Wide Mouth		TEST PARAMETERS											
				Preservative Code:		1		2		3		2		6			
				Bottle Type:		A		B		B		D		A			
Sampler(s) Signature: <i>[Signature]</i>		Sampler(s) Printed: <i>Toshua Marshall</i>		SAMPLE IDENTIFICATION, DESCRIPTION		TSS, BOD, pH		NH ₃ -N, Total P		Cu		Oil & Grease		Cyanide			
LAB ID #	SAMPLE COLLECTION Dates	Time/s	Grab Comp	Number of Bottles	Sample Matrix S-Solid W-Water												
BC90351-01	3/16-17/09	1035-1105	X	1	W	X		X									
				1	W			X									
				1	W					X							
BC90351-02	3/17/09	1120	X	1	W					X							
	3/17/09	1120	X	1	W							X					
1. Relinquished by: (Signature) _____ Date/Time _____ 2. Received by: (Signature) _____ Date/Time _____ 3. Relinquished by: (Signature) _____ Date/Time _____ 4. Received by lab: (Signature) _____ Date/Time _____						SAMPLE CONDITION UPON RECEIPT IN LAB 1. CUSTODY SEALS: Yes ___ No ___ 2. CONTAINERS CORRECT: Yes ___ No ___ 3. COC/LABELS AGREE: Yes ___ No ___ 4. PRESERVATION CONFIRMED: Yes ___ No ___ 5. RECEIVED ON ICE: Yes ___ No ___ 6. TEMPERATURE UPON RECEIPT: <u>3</u> °C FOR COMPLETION BY LAB ONLY						REMARKS / COMMENTS BC90351-01 D Effluent Sampled: 03/17/09 10:25 Water - Work Order Label Cobb - Vantress					
1. Relinquished by: (Signature) <i>[Signature]</i> Date/Time <i>3/17/09 1030</i> 2. Received by lab: (Signature) <i>Dawna Barkers</i>						FEDEX _____ UPS _____											

Receipt of samples by Environmental Testing Group, Inc. acknowledges acceptance of Standard Terms and Conditions (available upon request).

ADEQ

A R K A N S A S
Department of Environmental Quality

June 26, 2009

Thomas A. Myers, Water Pollution Control Plant Superintendent
City of Siloam Springs
P.O. Box 80
Siloam Springs, AR 72761

RE: NPDES Permit AR0020273, AFIN 04-00106
Response to Inspection

Dear Mr. Myers:

ADEQ has received your response to the April 22, 2009 routine compliance evaluation inspection and pretreatment compliance evaluation inspection of your facility by our District Field Inspector, Alison West. Your letter appears to adequately address the discrepancies identified during the visit.

The Department will keep the inspection and response on file and will consider them as required by the Pollution Control and Ecology Commission Regulation No. 7, Civil Penalties. This regulation requires ADEQ to consider the past history of your company and how expeditiously the violations were addressed in determining any civil penalty that may be necessary for any violations.

Thank you for your attention to this matter. If we need further information, we will contact you. Should you have any questions, feel free to contact me by phone at 501-682-0632 or e-mail at robertsa@adeq.state.ar.us. In any written correspondence to this Department, please refer to NPDES Permit AR0020273 and AFIN 04-00106.

Sincerely,



Anne Roberts
Enforcement Analyst
Enforcement Branch
Water Division