

# ADEQ

ARKANSAS  
Department of Environmental Quality

July 20, 2009

Kirby Murray, Public Works Director  
City of Berryville  
P.O. Box 227  
Berryville, Arkansas 72616

RE: Sanitary Sewer Overflow Inspection, City of Berryville  
AFIN: 08-00034 NPDES Permit No.: AR0021792

Dear Mr. Murray:

On January 22, 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 did not reveal any violations.

If I can be of any assistance, please contact me at (870) 446-6170 or by e-mail at [Kirkpatrick@adeq.state.ar.us](mailto:Kirkpatrick@adeq.state.ar.us).

Sincerely,



Bruce Kirkpatrick  
District 2 Field Inspector  
Water Division

cc: Water Division Enforcement Branch  
Water Division Permits Branch



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Washington, D.C. 20460

## NPDES Compliance Inspection Report

Form Approved  
OMB No. 2040-0003

### Section A: National Data System Coding

Transaction Code	NPDES	Yr/Mo/Day	Inspec. Type	Inspector	Fac. Type
1 <input type="text" value="N"/> 2 <input type="text" value="5"/> 3 <input type="text" value="A"/> <input type="text" value="R"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="2"/> <input type="text" value="1"/> <input type="text" value="7"/> <input type="text" value="9"/> <input type="text" value="2"/>	11 <input type="text" value="0"/> <input type="text" value="9"/> <input type="text" value="0"/> <input type="text" value="1"/> <input type="text" value="2"/> <input type="text" value="2"/>	17 <input type="text" value="0"/> <input type="text" value="9"/> <input type="text" value="0"/> <input type="text" value="1"/> <input type="text" value="2"/> <input type="text" value="2"/>	18 <input type="text" value="V"/>	19 <input type="text" value="S"/>	20 <input type="text" value="1"/>
Remarks					
<input type="text" value="A"/> <input type="text" value="F"/> <input type="text" value="I"/> <input type="text" value="N"/> <input type="text" value="0"/> <input type="text" value="8"/> <input type="text" value="-"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="3"/> <input type="text" value="4"/>					
Inspection Work Days		Facility Evaluation Rating		BI	
67 <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> 69		70 <input type="text" value="N"/>		71 <input type="text" value="N"/> 72 <input type="text" value="N"/> 73 <input type="text" value=""/> <input type="text" value=""/> 74 75 <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> 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> ) <b>City of Berryville</b> <b>1000 W. Cedarvale</b> <b>Berryville, Arkansas</b>	Entry Time/Date <b>0900 / 01-22-09</b>	Permit Effective Date <b>December 1, 2007</b>
	Exit Time/Date <b>1615 / 01-22-09</b>	Permit Expiration Date <b>November 30, 2012</b>
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) <b>Kirby Murray, Public Works Director</b>	Other Facility Data <b>Facility: 36 21' 25.95", -93 34' 43.51"</b>	
Name, Address of Responsible Official/Title/Phone and Fax Number <b>Kirby Murray, Public Works Director</b> <b>City of Berryville</b> <b>P.O. Box 227</b> <b>Berryville, Arkansas 72616</b> <b>870-423-4074, 870-423-4501 (fax)</b>	Contacted Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

### Section C: Areas Evaluated During Inspection

(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

S	Permit	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	Other: SSO

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

A sanitary sewer overflow inspection was performed on 1/22/09. The City's six lift stations were all inspected. Records and reports related to collection system overflows for the previous 3 years were reviewed. Based on the information gathered, the City experienced six overflow events during 2008. Two manhole overflows resulted in discharges to Town Branch on 3/3/08 (Manhole 2910) and 3/20/08 (Manhole 2890) due to reported >5" rainfall events. Another discharge to Town Branch occurred on 4/25/08 from Manhole 2910 due to grease blockage. Two manhole overflows which did not reach waters occurred on 1/14/08 (Manhole 4060) into the roadside ditch and on 1/30/08 (Manhole 620) onto the ground and were both attributed to grease and /or debris blockage. The only overflow in 2008 due to lift station failure occurred on 5/1/08 at the Trinnen Lift Station for one hour. Records show that sewage was contained in adjacent field. Both pumps were lost. Private and City vacuum trucks transported sewage to nearby gravity sewer until first pump was replaced.

Name(s) and Signature(s) of Inspector(s) <b>Bruce Kirkpatrick</b>	Agency/Office/Telephone/Fax <b>AR Dept. of Environmental Quality-Jasper</b> <b>PHONE# (870) 446-6170 / FAX# (870) 446-2181</b>	Date <b>July 20, 2009</b>
Signature of Reviewer	Agency/Office/Phone and Fax Numbers	Date

<b>COLLECTION SYSTEM INSPECTION AND OVERALL RATING</b>		<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: <b>City operates a system serving a population of about 4400 consisting of gravity sewer and 6 lift stations.</b>		
POPULATION SERVED/NUMBER OF RESIDENTIAL AND COMMERCIAL CONNECTIONS: <b>4400 population</b> <b>City does not differentiate between residential and commercial connections</b>		
FEET OF SEWER SYSTEM: City did not have a measurement of the total length of the many miles of sewer.		
AGE OF SYSTEM: <b>Sewer dates back to 1940's.</b>		
DOES THE SYSTEM EXPERIENCE PROBLEMS DURING DRY OR WET WEATHER (EXPLAIN): <b>Two manhole overflows in 2008 due to excessive rain, one &gt;5 inches reported.</b>		<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): <b>Within 24 hrs ADEQ is notified by phone, fax and/or e-mail. Monthly SSO Report submitted.</b>		<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
3/3/08, 3/20/08 and 4/25/08 – both discharges went to Town Branch, a Water of the State of Arkansas		
<b>PUMP STATIONS</b>		<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: <b>6</b>	NUMBER WITH BACKUP POWER: <b>1</b>	
HOW OFTEN ARE PUMP STATIONS INSPECTED/MONITORED: <b>Inspected weekly</b>		
ARE MAINTENANCE RECORDS AND/OR OPERATOR LOGS KEPT: <b>yes</b>		
ADEQUATE INVENTORY OF SPARE PARTS: <b>yes</b>		
TYPE OF REMOTE ELECTRONIC MONITORING USED (I.E. SCADA OR AUTO DIALERS): <b>auto dialer</b>		
BRIEF SUMMARY OF EMERGENCY PROCEDURES: <b>generator / vacuum truck / repair-replace as needed</b>		
NUMBER OF PUMP STATIONS VISITED DURING INSPECTION (SEE ATTACHED CHECKLISTS FOR EACH): <b>6</b>		
<b>SATELLITE SYSTEMS</b>		<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: <b>no</b>		
TYPE(S) OF WASTE WATER RECEIVED: <input type="checkbox"/> RESIDENTIAL <input type="checkbox"/> COMMERCIAL <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> OTHER:		
BRIEFLY DESCRIBE THE SATELLITE SYSTEM:		
ANY KNOWN PROBLEMS WITH SATELLITE SYSTEM:		
NAME, ADDRESS AND PHONE NUMBER OF PERSON RESPONSIBLE FOR SATELLITE SYSTEM:		

<b>PUMP STATION VISIT (COMPLETE A SEPARATE CHECKLIST FOR EACH PUMP STATION VISITED)</b>	
<b>GENERAL INFORMATION AND OVERALL EVALUATION</b>	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA
NAME AND/OR LOCATION OF PUMP STATION: <u>West Ridge</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:	
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: <u>Reported by City on 1/22/09</u>	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
<b>GENERAL OPERATION AND MAINTENANCE</b>	
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
<b>BACKUP POWER AND ALARMS</b>	
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):	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
<b>Fixed back-up generator on this lift station.</b>	

<b>PUMP STATION VISIT (COMPLETE A SEPARATE CHECKLIST FOR EACH PUMP STATION VISITED)</b>	
<b>GENERAL INFORMATION AND OVERALL EVALUATION</b>	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA
NAME AND/OR LOCATION OF PUMP STATION: <u>Lemon Lane</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:	
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
<b>GENERAL OPERATION AND MAINTENANCE</b>	
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
<b>BACKUP POWER AND ALARMS</b>	
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>high liquid level</u>	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE

<b>PUMP STATION VISIT (COMPLETE A SEPARATE CHECKLIST FOR EACH PUMP STATION VISITED)</b>	
<b>GENERAL INFORMATION AND OVERALL EVALUATION</b>	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA
NAME AND/OR LOCATION OF PUMP STATION: <u>Industrial Park</u>	
TYPE(S) OF WASTE WATER RECEIVED: <input type="checkbox"/> RESIDENTIAL <input type="checkbox"/> COMMERCIAL <input checked="" 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
<b>GENERAL OPERATION AND MAINTENANCE</b>	
<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
<b>BACKUP POWER AND ALARMS</b>	
<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):	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE

<b>PUMP STATION VISIT (COMPLETE A SEPARATE CHECKLIST FOR EACH PUMP STATION VISITED)</b>	
<b>GENERAL INFORMATION AND OVERALL EVALUATION</b>	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA
NAME AND/OR LOCATION OF PUMP STATION: <u>Champion Hills</u>	
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
<b>GENERAL OPERATION AND MAINTENANCE</b>	
<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
<b>BACKUP POWER AND ALARMS</b>	
<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):	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE

<b>PUMP STATION VISIT (COMPLETE A SEPARATE CHECKLIST FOR EACH PUMP STATION VISITED)</b>	
<b>GENERAL INFORMATION AND OVERALL EVALUATION</b>	<input type="checkbox"/> S <input checked="" type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA
NAME AND/OR LOCATION OF PUMP STATION: <u>Hailey</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:	
NUMBER OF PUMPS: <u>2</u>	NUMBER OPERATIONAL: <u>1, repairing other</u>
NUMBER AND SIZE OF PUMPS APPEARS ADEQUATE:	<input type="checkbox"/> S <input checked="" 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
<b>GENERAL OPERATION AND MAINTENANCE</b>	
<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
<b>BACKUP POWER AND ALARMS</b>	
<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):	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE



<b>PUMP STATION VISIT (COMPLETE A SEPARATE CHECKLIST FOR EACH PUMP STATION VISITED)</b>	
<b>GENERAL INFORMATION AND OVERALL EVALUATION</b>	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA
NAME AND/OR LOCATION OF PUMP STATION: <u>Paradise Heights</u>	
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
<b>GENERAL OPERATION AND MAINTENANCE</b>	
<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
<b>BACKUP POWER AND ALARMS</b>	
<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):	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE

**Water Division NPDES Photographic Evidence Sheet**

<b>Location:</b>	City of Berryville						
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<b>Photographer:</b>	Bruce Kirkpatrick	<b>Witness:</b>	None		
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<b>Photo #</b>	1	<b>of</b>	9	<b>Date:</b>	1/22/09	<b>Time:</b>	1445
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<b>Description:</b>	West Ridge Lift Station						
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<b>Photographer:</b>	Bruce Kirkpatrick	<b>Witness:</b>	None		
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<b>Photo #</b>	2	<b>Of</b>	9	<b>Date:</b>	1/22/09	<b>Time:</b>	1446
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<b>Description:</b>	West Ridge Lift Station						
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**Water Division NPDES Photographic Evidence Sheet**

<b>Location:</b>	City of Berryville						
<b>Photographer:</b>	Bruce Kirkpatrick			<b>Witness:</b>	None		
<b>Photo #</b>	3	<b>Of</b>	9	<b>Date:</b>	1/22/09	<b>Time:</b>	1503
<b>Description:</b>	Lemon Lane Lift Station						



<b>Photographer:</b>	Bruce Kirkpatrick			<b>Witness:</b>	None		
<b>Photo #</b>	4	<b>of</b>	9	<b>Date:</b>	1/22/09	<b>Time:</b>	1503
<b>Description:</b>	Lemon Lane Lift Station						



**Water Division NPDES Photographic Evidence Sheet**

<b>Location:</b>	City of Berryville						
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<b>Photographer:</b>	Bruce Kirkpatrick	<b>Witness:</b>	None		
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<b>Photo #</b>	5	<b>of</b>	9	<b>Date:</b>	1/22/09	<b>Time:</b>	1513
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<b>Description:</b>	Industrial Park Lift Station						
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<b>Photographer:</b>	Bruce Kirkpatrick	<b>Witness:</b>	None		
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<b>Photo #</b>	6	<b>of</b>	9	<b>Date:</b>	1/22/09	<b>Time:</b>	1513
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<b>Description:</b>	Industrial Park Lift Station						
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**Water Division NPDES Photographic Evidence Sheet**

<b>Location:</b>	City of Berryville						
<b>Photographer:</b>	Bruce Kirkpatrick			<b>Witness:</b>	None		
<b>Photo #</b>	7	<b>of</b>	9	<b>Date:</b>	1/22/09	<b>Time:</b>	1520

**Description:** Champion Hills Lift Station



<b>Photographer:</b>	Bruce Kirkpatrick			<b>Witness:</b>	None		
<b>Photo #</b>	8	<b>of</b>	9	<b>Date:</b>	1/22/09	<b>Time:</b>	1528

**Description:** HaileyLift Station



**Water Division NPDES Photographic Evidence Sheet**

<b>Location:</b>	City of Berryville						
<b>Photographer:</b>	Bruce Kirkpatrick			<b>Witness:</b>	None		
<b>Photo #</b>	9	<b>of</b>	9	<b>Date:</b>	1/22/09	<b>Time:</b>	1542
<b>Description:</b>	Paradise Heights Lift Station						



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

Date_started	Date_stopped	Volume	Environmental_damage	Description	Cause	Stream	Location
11/30/2006	11/30/2006	200	none	5" rain fell on 11/30/06, with the line at full pipe a four inch cap blew off by manhole 2340 in a field off north main st.	LF		N. Main St.
12/1/2006	12/1/2006	20	none	Manhole #2060 located off Eureka Ave.	ball of grease		Eureka Ave.
1/14/2002	1/14/2002	0	unknown	Sludge on the ground	Employee used sludge truck to remove sludge from final clarifier and spilled		
1/15/2002	1/15/2002	5	None	End of E. Church Ave., MH #650, runoff to field.	Grease and debris.		
12/1/2006	12/1/2006	100	none	manhole #2910 overflow	ball of grease		
12/2/2006	12/2/2006	50	none	manhole #4113 overflowed	grease		
12/2/2006	12/2/2006	10	none	overflow at manhole #810	roots		
9/14/2006	9/14/2006	25	none	overflow at the lift station	electrical problem in box at the lift station	ground	Champion Hills Lift Station
9/15/2006	9/15/2006	50	none	Manhole # 700 overflow	grease		
10/12/2006	10/12/2006	50	none	overflow at manhole #810	grease	ditch	300 feet North of East College Ave.
10/12/2006	10/12/2006	25	none	overflow at manhole # 4355	grease		400 feet west of Hailey Rd.
1/28/2005	1/28/2005	25	unknown	North of East Freeman, manhole	grease		

Date_start_d	Date_stopped	Volume	Environmental_damage	Description	Cause	Stream	Location
				#710			
6/27/2006	6/27/2006	10	unknown	manhole #4230	debris	ditch	700 South Main St.
11/2/2006	11/2/2006	50	NEAH	Manhole overflow	RG	DI	Manhole 810 North of College Ave
4/4/2005	4/4/2005	15	unknown	610 block South Main, #4410	grease	ditch	
8/23/2006	8/23/2006	10	none	Overflow at Hills lift station	single phase start capacitors out		Hills Lift Station
12/17/2001	12/17/2001	0	Unknown	Huntsville Street - main trunk line	6-8 inches of rainfall		
12/5/2003	12/5/2003	100	unknown	Industrial Park, manhole #1340	roots		
12/15/2002	12/16/2002	200	unknown	Pump station in the industrial park	electrical problem		
1/6/2002	1/6/2002	0	unknown	College Street	Grease blockage		
11/2/2006	11/2/2006	50	none	overflow at manhole 810 north to College Ave.	roots and grease		North College Ave.
5/13/2002	5/13/2002	120	Unknown	Manhole # 2810 on Huntsville St.	Blockage		
12/27/2003	12/27/2003	50	unknown	Manhole #650	Paper towels		
12/2/2006	12/2/2006	10	NEAH	Manhole overflow	Roots	Ditch	Manhole #810
12/1/2006	12/1/2006	100	NEAH	Manhole overflow	Grease	Ditch	Manhole #2910
11/30/2006	11/30/2006	200	NEAH	Rainfall with the line at full pipe a four inch cap blew off by manhole 2340 which is located in a field off N. Main St	Line Failure	Ditch	N. Main Street
12/2/2006	12/2/2006	50	NEAH	Manhole overflow	Grease	Ditch	Manhole #4113



Date_started	Date_stopped	Volume	Environmental_damage	Description	Cause	Stream	Location
12/11/2006	12/11/2006	50	NEAH	Manhole overflow	Grease	Ditch	Manhole #660
11/3/2003	11/3/2003	75	unknown	East of 601 Dawn Street	Citizen opened a drain and allowed sewage into the street - grease blockage		
3/19/2002	3/19/2002	0	Unknown	Manhole # 2820 on Huntsville Street	Rocks		
1/2/2007	1/2/2007	100	none	overflow at manhole #460 in a field at the end of East Church St.	grease		East Church Ave.
10/4/2002	10/4/2002	600	unknown	Soccer field	Tile in the line		
2/14/2002	2/14/2002	0	Unknown	Tyson complex	6" sewer force main leaking		
10/15/2003	10/15/2003	75	unknown	Mountain Street, MH # 180	Grease		
10/24/2002	11/2/2002	180	unknown	North Springfield near Hill Street	Blockage		
6/9/2002	6/9/2002	0	unknown	602 West Church, manhole #2130	Grease and rainfall		
6/18/2002	6/18/2002	20000	unknown	Line leaking, inside digester gas house - heat exchanger	Clamp loosing on hose to temporary pump		
4/1/2003	4/1/2003	50	Unknown	Manhole #670 in a wooded area	Grease		
4/8/2003	4/8/2003	50	unknown	End of East Church manhole #4060	Blockage		
3/24/2003	3/24/2003	0	unknown	West Church, manhole # 2130	Grease & roots		

Date_start_d	Date_stopped	Volume	Environmental_damage	Description	Cause	Stream	Location
2/22/2006	2/22/2006	75	none	626 East Church, manhole # 3790	grease		
2/23/2006	2/23/2006	50	none	406 Orchard, manhole #4270	grease and towels		
6/21/2005	6/21/2005	10	unknown	Highway 62 (South Main St) manhole #43-70	grease	field	
6/30/2005	7/1/2005	125000	unknown	Plant	Storm - lightning damage and the backup generator failed	Town Branch, Osage Creek, King River	
5/10/2005	5/10/2005	100	unknown	North of 600 Orchard Street, manhole 4270	towel	ditch - Town Branch	
5/6/2004	5/6/2004	50	unknown	Sludge truck was overfilled	Too much sludge for the truck		
6/15/2003	6/15/2003	25	unknown	Pump station behind WalMart supercenter	Electrical problem - blown start capacitor		
1/14/2004	1/14/2004	0	unknown	307 Smalley St., manhole # 460	Grease		
12/30/2003	12/30/2003	25	unknown	High Street - manhole #4460	Silt and gravel		
12/23/2003	12/23/2003	100	unknown	Behind Wal Mart Supercenter	Pump overload		
1/10/2004	1/10/2004	5	unknown	Plant	Inlet channel was block		
1/9/2004	1/9/2004	0	unknown	1208 Spruce, between manholes 4180 & 4190	Roots		
1/9/2004	1/9/2004	50	unknown	Field at the edge of town - 523 Huntsville, manhole #2860	Grease		

Date_start_d	Date_stopped	Volume	Environmental_damage	Description	Cause	Stream	Location
7/18/2006	7/18/2006	50	none	overflow at Manhole 1240	grease	ground	800 Bobo Avenue
7/9/2004	7/9/2004	100	unknown	802 Bobo Street - vacant lot, manhole #1230	Grease		
4/25/2005	4/26/2005	150	unknown	North of 802 Bobo, manhole #1240	Roots & grease	ground	
9/23/2005	9/24/2005	100	none	on ground into ditch on bank behind 1105 Industrial Dr.	force main had hole punched from rock; pipe was bedded in rock		
11/9/2005	11/9/2005	50	none	overflow at 322 Pritchard St.	broken service line		
1/2/2006	1/2/2006	50	none	307 Smalley, manhole #650	grease		
1/29/2002	1/29/2002	0	Unknown	Plant - abandoned 8" line	Line forgot to be sealed		
7/10/2006	7/10/2006	500	unknown	manhole #4230	debris	dry creek bed	700 South Main
7/17/2004	7/17/2004	200	unknown	Lemon Lane new lift station	Power loss		
11/16/2004	11/16/2004	100	unknown	Industrial Park lift station-liquid out of wet well and onto concrete pad. Stayed on the city property	Power outage		
2/1/2002	2/1/2002	0	Unknown	307 North Main	Pipe cracked		
2/16/2004	2/16/2004	100	unknown	Church Street, manhole #3850	Grease		
3/18/2001	3/19/2001	500	unknown	End of East Church Street	Grease & roots		
8/27/2003	8/27/2003	50	unknown	Dawn St. manhole	6" broken cap and		

Date_started	Date_stopped	Volume	Environmental_damage	Description	Cause	Stream	Location
				#730	grease		
1/6/2003	1/6/2003	20	unknown	400 Orchard, manhole #4370	Grease		
3/18/2004	3/18/2004	100	unknown	1106 Industrial Drive	Split in a C900 pipe and pump malfunctioned		
5/23/2003	5/23/2003	50	unknown	Westridge lift station	Power loss and back up generator failed as well		
9/15/2005		300333	unknown	Plant	power loss - 5 hrs	Town Branch Creek, Osage Creek	
3/27/2006	3/27/2006	150	none	700 Block of South Main St.	Manhole 4230 overflowed due to towels from Carroll Regional Medical Center		
6/21/2006	6/22/2006	100	none	Manhole 1240	grease	ground	BOBO Avenue
5/24/2007	5/24/2007	100	none	manhole #4260	debris and grease		
5/25/2007	5/25/2007	50	none	manhole # 4250 overflow	piece of clay tile	ditch	
5/31/2007	5/31/2007	50	none	manhole # 3100 overflow, west of Dr. Carter St.	grease	ground	Dr. Carter St.
5/14/2007	5/14/2007	75	none	manhole # 4270 north of Orchard Rd.	rags from St. Johns		Orchard Rd.
7/2/2007	7/2/2007	15	none	overflow at manhole 760	grease		
7/11/2007	7/11/2007	100	none	manhole # 1320 overflow	grease		US 62 Spur South
5/14/2007	5/14/2007	250	none	sludge pump at treatment plant leaked around	dilapidated pump with deeply scored shaft		

Date_started	Date_stopped	Volume	Environmental_damage	Description	Cause	Stream	Location
				packing and ran into a depressed area adjacent to pump	won't hold packing		
6/22/2007	6/22/2007	75	none	overflow at Lemon Lane Lift Station Wet well	storms caused electrical outage; call out phone destroyed	ground	
6/27/2007	6/27/2007	50	none	manhole 3790 overflow in field southeast of E. Church Ave.	grease	ground	E. Church Ave.
7/11/2007	7/11/2007	50	none	overflow at wetwell at lift station in Birch Tree Subdivision; this lift station is not yet accepted.	E	ditch	Birch Tree Subdivision
3/28/2007	3/28/2007	50	none	manhole overflow, manhole # 2890	Grease		West South Main St.
3/27/2007	3/27/2007	75	none	manhole 280 overflow	Grease		North St. George Ave.
4/17/2007	4/17/2007	10	none	overflow at manhole 3470, west of McKennon St.	roots and grease		McKennon St.
4/17/2007	4/17/2007	20	none	overflow at manhole 3830, west of McCloud St.	roots grease		McCloud St.
8/13/2007	8/13/2007	50	none	overflow at the lift station, north edge of city limits	mercury switch had caused problem; property owner saw alarm		Westridge Lift Station
8/2/2007	8/3/2007	50	none	wetwell in subdivision, Paradise Heights, overflow.	equipment failure		

Date_started	Date_stopped	Volume	Environmental_damage	Description	Cause	Stream	Location
7/30/2007	7/30/2007	10	none	overflow at manhole 2860	surge in trunk line during large rain event; was running fine when crew arrived, with small amount of solids around manhole		Bohannon St.
7/16/2007	7/16/2007	200	none	manhole # 670 overflow	grease		
7/21/2007	7/23/2007	1000	none	manhole # 4270	large amount of debris, rags, exam gloves		North of Orchard Dr.
9/6/2007	9/6/2007	50	none	overflow at Lemon Lane lift station	power outage	ground	Lemon Lane
8/31/2007	8/31/2007	6000	none	overflow into Mrs. Heeter's private pond	debris blocking main sewer line	private pond	400 Orchard
8/28/2007	8/28/2007	20	none	manhole 3470 overflow	grease in a shallow manhole	ground	McKennon St.
11/12/2007	11/12/2007	50	NEAH		construction and grease	Ground surface	Manhole 2060
				no overflow			
1/29/2008	1/29/2008	50	NEAH	mh overflow	grease	ground	East of Smalley Street mh#620
3/19/2008	3/20/2008		Dilution from rainfall will prevent environmental damage.	MH overflow	excessive rainfall		MH# 2890
3/3/2008	3/3/2008	4800	NONE	MANHOLE #2910, LOCATED AT THE TOURIST INFORMATION CENTER, 506 S. MAIN ST.	EXCESSIVE RAIN	TOWN BRANCH STREAM RUNS THROUGH THIS LOCATION	
4/25/2008	4/25/2008	1500	None	Manhole Overflow # 2910	Grease Ball blockage between	Town Branch	506 S. Main

Date_started	Date_stopped	Volume	Environmental_damage	Description	Cause	Stream	Location
					Manholes 2910 and 2920		
5/1/2008	5/1/2008		NONE	THE CITY'S DUPLEX LIFT STATION IN INDUSTRIAL PARK OFF TRINNEN LANE, LOST BOTH PUMPS FOR UNKNOWN REASONS.	BOTH PUMPS IN THE LIFT STATION WERE LOST.		
1/22/2009	1/22/2009	100	Unknown	Manhole Overflow	Roots		707 Lone Pine St.
1/22/2009	1/22/2009	40	Unknown	West Ridge Lift Station Overflowed	Unknown		
2/3/2009	2/3/2009	100	None	Manhole Overflow # 1740	Paper Plug		209 Bunch St.
2/3/2009	2/3/2009	100	None	Manhole Overflow # 1740	Paper Plug		209 Bunch St.
2/23/2009	2/23/2009	1000	None evident, although it flowed directly in to a creek. Creek is still somewhat swollen due to ice storm melt so much dilution is taking place.	Manhole Overflowed # 4060 - Rcv'd call @ ~9:00 am on 2/23/09. Sent crew and jetter to site immediately.	Grease	Creek	Town Branch @ 626 E. Church