

ADEQ

ARKANSAS
Department of Environmental Quality

March 13, 2009

Alma Clark, Director of Water and Waste Water
City of Mountain Home
720 South Hickory
Mountain Home, AR 72653

RE: AFIN: 03-00039

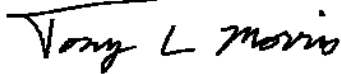
NPDES Permit No.: AR0021211

Dear Ms. Clark:

On March 10, 2009, I performed a Sanitary Sewer Overflow (SSO) Inspection of your POTW in accordance with the provisions of the Federal Clean Water Act, the Arkansas Water and Air Pollution Control Act, and the regulations promulgated thereunder. This inspection revealed the collection system, and lift stations to be in good order.

If you have any questions or I can be of any assistance, please contact me at 870-446-2770 or by e-mail at morris@adeq.state.ar.us.

Sincerely,



Tony L. Morris
District 2 Field Inspector
ADEQ Water Division

cc: Water Division Enforcement Branch
Water Division Permits Branch Sincerely,

COLLECTION SYSTEM INSPECTION AND OVERALL RATING		<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
PROVIDE A BRIEF DESCRIPTION OF THE COLLECTION SYSTEM: The collection system serves a diverse town of 11,000 located in a hilly terrain.		
POPULATION SERVED/NUMBER OF RESIDENTIAL AND COMMERCIAL CONNECTIONS: 11,013 population/5811 connections		
FEET OF SEWER SYSTEM: 98 miles or 517,400 linear feet		
AGE OF SYSTEM: Average 30 years		
DOES THE SYSTEM EXPERIENCE PROBLEMS DURING DRY OR WET WEATHER (EXPLAIN): No problems noted	<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): Public Works director submits overflow reports	<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	
During the ice storm of January 2009 three lift stations overflowed. An overflow report was submitted to ADEQ. (10/31/07, 12/13/07, 1/12/08, 3/19/08, 4/3/08, 4/10/08 – See attached overflow table)		
PUMP STATIONS		<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
NUMBER OF PUMP STATIONS IN SYSTEM: 13	NUMBER WITH BACKUP POWER: portable generator	
HOW OFTEN ARE PUMP STATIONS INSPECTED/MONITORED: Daily		
ARE MAINTENANCE RECORDS AND/OR OPERATOR LOGS KEPT: Yes		
ADEQUATE INVENTORY OF SPARE PARTS: Yes		
TYPE OF REMOTE ELECTRONIC MONITORING USED (I.E. SCADA OR AUTO DIALERS): Light and alarm		
BRIEF SUMMARY OF EMERGENCY PROCEDURES: Emergency plan in place		
NUMBER OF PUMP STATIONS VISITED DURING INSPECTION (SEE ATTACHED CHECKLISTS FOR EACH):		
Three stations visited: Big Creek Lift Station, Village Green Lift Station, Indian Creek Lift Station		
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: No		
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: N/A		
ANY KNOWN PROBLEMS WITH SATELLITE SYSTEM: N/A		
NAME, ADDRESS AND PHONE NUMBER OF PERSON RESPONSIBLE FOR SATELLITE SYSTEM: N/A		

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: <u>Indian Creek Lift Station</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
GENERAL OPERATION AND MAINTENANCE	
<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA	
CLEAN AND WELL MAINTAINED WITH MINIMAL STORAGE OF UNRELATED EQUIPMENT:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
GATES/DOORS/HATCHES/LIDS/ETC. LOCKED TO PREVENT UNAUTHORIZED ACCESS AND/OR TAMPERING:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
WET WELLS, SUMPS AND PITS ADEQUATELY COVERED, GRATED OR OTHERWISE PROTECTED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIPMENT PROPERLY INSTALLED AND MAINTAINED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQUIPMENT (BELTS, PULLEYS, DRIVESHAFTS, ETC.) :	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
ADEQUATE VENTILATION TO PREVENT EXCESSIVE CONDENSATION AND/OR GASES AND FUMES:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
ADEQUATE LIGHTING FOR ROUTINE INSPECTION/MAINTENANCE:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
SEALS, VALVES AND PACKING ADEQUATELY MAINTAINED TO PREVENT LEAKS:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
MINIMAL ACCUMULATION OF GREASE AND SOLIDS IN WET WELLS:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
BACKUP POWER AND ALARMS	
<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA	
PROVISIONS FOR GENERATOR AND/OR EMERGENCY TRANSFER PUMP:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
AUDIBLE/VISUAL ALARM WITH EMERGENCY CONTACT INFORMATION POSTED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
SCADA SYSTEM (LIST PARAMETERS MONITORED):	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE

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: <u>Big Creek Lift Station</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
GENERAL OPERATION AND MAINTENANCE	
<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA	
CLEAN AND WELL MAINTAINED WITH MINIMAL STORAGE OF UNRELATED EQUIPMENT:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
GATES/DOORS/HATCHES/LIDS/ETC. LOCKED TO PREVENT UNAUTHORIZED ACCESS AND/OR TAMPERING:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
WET WELLS, SUMPS AND PITS ADEQUATELY COVERED, GRATED OR OTHERWISE PROTECTED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIPMENT PROPERLY INSTALLED AND MAINTAINED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQUIPMENT (BELTS, PULLEYS, DRIVESHAFTS, ETC.):	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
ADEQUATE VENTILATION TO PREVENT EXCESSIVE CONDENSATION AND/OR GASES AND FUMES:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
ADEQUATE LIGHTING FOR ROUTINE INSPECTION/MAINTENANCE:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
SEALS, VALVES AND PACKING ADEQUATELY MAINTAINED TO PREVENT LEAKS:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
MINIMAL ACCUMULATION OF GREASE AND SOLIDS IN WET WELLS:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
BACKUP POWER AND ALARMS	
<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA	
PROVISIONS FOR GENERATOR AND/OR EMERGENCY TRANSFER PUMP:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
AUDIBLE/VISUAL ALARM WITH EMERGENCY CONTACT INFORMATION POSTED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
SCADA SYSTEM (LIST PARAMETERS MONITORED):	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE

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: <u>Village Green Lift Station</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	
GENERAL OPERATION AND MAINTENANCE		
		<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA
CLEAN AND WELL MAINTAINED WITH MINIMAL STORAGE OF UNRELATED EQUIPMENT:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE	
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ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIPMENT PROPERLY INSTALLED AND MAINTAINED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE	
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQUIPMENT (BELTS, PULLEYS, DRIVESHAFTS, ETC.) :	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE	
ADEQUATE VENTILATION TO PREVENT EXCESSIVE CONDENSATION AND/OR GASES AND FUMES:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE	
ADEQUATE LIGHTING FOR ROUTINE INSPECTION/MAINTENANCE:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE	
SEALS, VALVES AND PACKING ADEQUATELY MAINTAINED TO PREVENT LEAKS:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE	
MINIMAL ACCUMULATION OF GREASE AND SOLIDS IN WET WELLS:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE	
BACKUP POWER AND ALARMS		
		<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA
PROVISIONS FOR GENERATOR AND/OR EMERGENCY TRANSFER PUMP:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE	
AUDIBLE/VISUAL ALARM WITH EMERGENCY CONTACT INFORMATION POSTED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE	
SCADA SYSTEM (LIST PARAMETERS MONITORED):	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE	

Water Division NPDES Photographic Evidence Sheet

Location:	Mountain Home Water and Waste Water						
Photographer:	Tony Morris			Witness:	Terry Sanders		
Photo #	1	Of	2	Date:	03/10/09	Time:	13:26
Description:	The Big Creek Lift Station located in West Mt Home with alarm light.						



Photographer:	Tony Morris			Witness:	Terry Sanders		
Photo #	2	Of	2	Date:	02/10/09	Time:	13:45
Description:	The Village Green Lift Station with control panel and Gorman Rupp pump.						



Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
1/12/2009	1/12/2009	10	NEAH	Manhole Overflow	Debris	ground	1001 S. Main
1/15/2009	1/15/2009	15	NEAH	Service Line Overflow	Debris	Ground	1635 Leo Davis Dr.
2/24/2001	2/24/2001	500	No	609 Locust (MH 122-335, 122-330, 122-325), runoff to storm sewer	Roots		
2/24/2001	2/24/2001	1000	No	MH 154-035, 154-030, 154-025, 154-020, 154-010, 154-005, runoff to storm sewer system.	Excessive rainfall		
9/21/2006	9/21/2006	100	none	power went out.	Squirrel caused the fuse to blow off the power pole		Caralile Highlands Lift Station
11/29/2001	11/29/2001	100	None	808 Spring Street, runoff from MH to yard.	Grease		
10/12/2006	10/13/2006	3500	none	power failure at Midway #2 lift station; wet well filled up and overflowed	Squirrel caused the fuse to blow off power pole		Midway #2 Lift Station
4/21/2005	4/22/2005	10000	unknown	Carlile Highlands lift station	1 1/2" rainfall & lightning caused fuse blown from pole	ground	
8/22/2001	8/22/2001	50	None	500 N. Church, MH #122-105-121-105	Grease		
2/24/2001	2/24/2001	100	No	1248 S. College Street, runoff storm drainage system	Excessive rainfall.		
2/24/2001	2/24/2001	50	No	13 10th Street, runoff to storm drainage system.	Excessive rainfall		
1/17/2001	1/17/2001	50	Yes	Overflow - 702 E. 1st - overflow went to storm drain that went to creek.	Grease		

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
2/14/2001 2:55:00 AM	2/14/2001 4:10:00 AM	95000	Yes	Overflow at the WW treatment plant	Power outage, problem with backup generator (last ck 2/10-wkg fine)		
2/14/2001	2/14/2001	50	Yes	Overflow at 1248 S. Collegen, runoff to storm drain	Excess Rainfall		
2/16/2001	2/16/2001	1000	No	Overflow at 217 E. 13th (MH 154-035), runoff to ditch/storm drain	Heavy rainfall		
2/16/2001	2/16/2001	100	Yes	1248 S. College	Heavy rainfall		
2/15/2001	2/15/2001	100	Yes	1248 S. College, runoff to storm drain	Heavy rain (in excess of 5")		
2/15/2001	2/15/2001	200	Yes	Overflow at 217 E. 13th Street (MH #154-035)	Heavy rainfall (Excess of 5")		
2/13/2001	2/13/2001	100	Yes	Overflow at 427 Hargrave, gray water flowed into creek.	Roots		
11/6/2001	11/6/2001	25	None	636 Ray Street, MH #122-085 - 122-385, runoff to runoff drain.	Dropped Joint		
12/2/2001	12/2/2001	250	None	Greenbrier MH 168-160 - MH 152-170, runoff to yard.	Grease		
1/31/2002	1/31/2002	100000	None	MH 201-047, Near plant.	Hvy rainfall		
4/1/2002	4/1/2002	30	unknown	316 Justis Ct.	roots		
4/8/2002	4/8/2002	1500	unknown	2 overflows- 312 E 10 St. and MH #124055	heavy rains		
7/18/2002	7/18/2002	20	unknown		grease		
7/27/2002	7/27/2002	42000	unknown	630 Hicks Road	testing generator which knocked out power		
11/14/2002	11/14/2002	150	none	13th and College	grease and towels		

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
11/1/2002	11/1/2002	1000	none	Industrial park Lift station #2	blown fuse		
2/13/2003	3/13/2003	200	none	County Rd. 11	air relief valve failed		
2/12/2003	2/14/2003	100	none	261 W. 2nd St.	roots		
2/12/2003	2/12/2003	50	none	MH 155-230 to MH 155-225	debris in line		
2/13/2003	2/28/2003	1000	none	Elm Street-county jail MH 137-280	rocks		
6/17/2003	6/24/2003	30	none	708 Dixie Court	paper towels and grease		
6/7/2005	6/7/2005	500	unknown	816 East 16th Street, Manhole 170-090 to 171-015	Blockage	ground	
5/6/2001	5/6/2001	25	No	208 Richwood Drive, MH #139-200 to MH #139-195, runoff to drainage ditch	Debris		
4/28/2001	4/28/2001	100	No	1109 Bluebird Lane, MH # 123-165 to MH # 123-025, runoff to yard.	Grease		
4/9/2001	4/11/2001	50	No	MH #123-270 to 123-275 1121 Overlook	Grease		
4/25/2003	4/25/2003	25	none	Twin Lakes golf course-15th hole	malfunctioned air relief valve		
12/6/2002	12/6/2002	2000	none	Industrial Park lift station #2	pump blew discharge seal		
12/14/2002	12/14/2002	500	none	816 E 16th	line blockage		
12/7/2002	12/7/2002	1500	none	Village Green Lift Station	wire out of transformer due to ice and snow		
1/20/2003	1/20/2003	150	none	1502 Stone Brook	grease		
4/25/2007	4/25/2007		none	overflow at Lift Station #2 No estimate on amount released due to amount of rain.	Rain		Riggsville Road
3/22/2006	3/22/2006	200	unknown	Casco &	equipment	ditch	

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
				Highway 5 North	failure		
3/22/2006	3/22/2006	200	none	ditch by air relief valve (across from CASCO) off Hwy. 5 N.	air relief valve had rag stuck in it causing failure of valve.		
5/25/2007	5/25/2007	30000	NEAH	overflow to ditch/creek/ground surface	roots		Hwy 178
3/16/2007	3/16/2007	100	none	manhole 137-358 overflow from 5 pm - 5:30 pm	rag	ditch	
5/5/2007	5/5/2007	500	none	Industry Park #1 lift station overflowed from 7 am to 8 am	squirrel got on power line and tripped fuse on pole	ground	
10/18/2007	10/18/2007	1000	none	Caralile Highlands Lift Station	loss of power, lighting	Creek @ Old Arkana Rd.	
12/30/2007	12/30/2007	10	NEAH	MH overflow	roots	ground	MH 127-520 to MH 122-223
12/31/2007	12/31/2007	50	NEAH	MH 120-180 overflowed	roots	ground	
12/25/2007	12/25/2007	10	NEAH	stopped up line		bath tub	415 Powers Street
10/31/2007	10/31/2007	500	NEAH		plugged with debris	creek	Manhole 137-150
12/13/2007	12/13/2007	500	NEAH	MH overflow #139-150	Debris	creek	120 Parkview Drive
1/7/2008	1/7/2008	200	NEAH	overflow at pump station	Lift station pumps air locked	ground	Creek @ Old Arkana Road
2/4/2008	2/4/2008	30	NEAH	blocked service line	debris	ground	1507 Fairgrounds Drive
1/17/2008	1/17/2008	50	NEAH	overflow	debris	ground	548 Hwy 62E
1/17/2008	1/17/2008	5	NEAH	overflow customers private service line	Debris	pavement	1013 Hwy 62E
1/28/2008	1/28/2008	5	none	mh overflow 152-285	roots	ground	1507 Thistledown

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
1/28/2008	1/28/2008	10	NEAH	MH overflow	Debris	drop inlet	609 Lawrence
1/27/2008	1/27/2008	100	NEAH	overflow	Debris	ground	Caralile Highlands Pump Station
1/25/2008	1/25/2008	5	NEAH	overflow	roots and grease	ground	1507 Thistledown
1/27/2008	1/27/2008	100	NEAH	overflow	debris in pumps	ground	Caralile Pump Station
2/2/2008	2/2/2008	15	NEAH	CLEAN OUT OVERFLOW	RAGS, GREASE	ground	610 North Cordial
3/3/2008	3/3/2008	10	NEAH	Manhole # 139-135 Overflow	Roots and Grease		110 Parkview
1/9/2008	1/9/2008	50	NEAH	overflow	grease	ground	1105 Bluebird
1/9/2008	1/9/2008	10	NEAH	mh overflow	roots and grease	ground	1404 Larsen
1/9/2008	1/9/2008	1	NEAH	came up in toilet			1116 Overlook
1/9/2008	1/9/2008		NEAH	service line back up	service line stopped up	contained in building	408 Hwy 201 N.
1/9/2008	1/9/2008	0	NEAH	sewer stop up	debris		811 Locust Street
1/8/2008	1/8/2008	5	NEAH	customer service line problem			1401 Cross
1/10/2008	1/10/2008	10	NEAH	collapsed line causing stop up	collapsed line	paved area	813 S. Main
2/15/2008	2/15/2008	100	NEAH	Manhole #137-096 Overflow	Roots and Grease		Buttercup Dr.
2/19/2008	1/19/2008	5	NEAH	Manhole #139-230 Overflow	Roots and Grease		203 Richwood Dr.
2/8/2008	2/8/2008	10	NEAH	Service Line Overflow	Unknown		550 E. 4th Street
2/8/2008	2/8/2008						
2/23/2008	2/23/2008	20	NEAH	Manhole# 156-120 to 156-140	Roots and Grease		1209 Maple Dr.
1/17/2008	1/17/2008	1	OEHC	water coming up out of toilet		contained in building	104 Parkview Circle
1/12/2008	1/12/2008	100	NEAH	overflow private service line	debris	ground to creek	1000 Redwing Trail
1/16/2008	1/16/2008	5	OEHC	overflow from commode	roots	contained in building	1519 Thistledown

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
1/15/2008	1/15/2008	50	NEAH	overflow private service line	debris	ground	306 W, 1st Street
2/27/2008	2/27/2008	10	No evidence		HC - Hydro Cleaned	Contained in building	221 Spring Street, Manhole 123-360 / 123-347
3/3/2008	3/3/2008	150	NEAH	Manhole 123-035 Overflow	rainfall		1126 overlook
3/3/2008	3/3/2008	150	NEAH	Manhole 123-030 overflow	rainfall		1128 overlook
3/6/2008	3/6/2008	50	No evidence	Floor drains in gym overflowed in showers, broke clog wash floor back into drains.	Roots	Contained in Building	Mt. Home High School
2/27/2008	2/27/2008	20	NONE	816 SOUTH BAKER, MANHOLE #137-358	LINE FAILURE	PAVED AREA	
3/12/2008	3/12/2008	1	No Evidence		Hydro Cleaned	Contained in Building	250 North Church Street
3/12/2008	3/12/2008	1	No evidence		Hydro Cleaned	Contained in Building	113 East North Street
3/14/2008	3/14/2008	2	No Evidence	Customer grease trap overflowing. Hydrocleaned from manhole up the line to grease trap. Advised customer need to contact someone in reference to grease trap.	Grease		1350 Highway 62 SW
3/17/2008	3/17/2008	5	No Evidence		Debris	Ground	708 Meadow Lane
3/18/2008	3/19/2008	2500	No evidence		Rainfall	Creek	Village Green Lift Station
3/18/2008	3/18/2008	5	No evidence	Sewer backing up in residence due to heavy rainfall.	Rainfall	Contained in building	511 Cedar
4/10/2008	4/10/2008	1000	NEAH	Manhole Overflow	Rainfall	Ditch	301 Cherry

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
							Lane
4/10/2008	4/10/2008	1000	NEAH	Manhole Overflow	Rain	Ground	207 Richwood
3/31/2008	4/1/2008	5	NEAH	Service Line Overflow	Rainfall	Paved area / Ground	530 E. 2nd st.
4/20/2008	4/20/2008	2	NEAH	Slow drain - Sewer backed up in house.	Grease		302 Clearbrook
4/23/2008	4/23/2008	2	NEAH	Service Line Overflow	Roots	Ground	713 Oak Hall
4/3/2008	4/3/2008	1000	NEAH	Lift Station overflow	Loss of Power	Creek	Village Green Lift Station
4/6/2008	4/6/2008	25	NEAH	Manholes overflowed # 140 - 350 and 140-347	Grease	Ground	440 Copper
4/10/2008	4/10/2008	4000	NEAH	Overflow	Rainfall	Creek	Village Green Lift Station
4/10/2008	4/10/2008	10000	NEAH	Overflow	Rainfall	Ditch/Ground	311 Springwood
7/18/2008	7/18/2008	10	None	Service line overflow @ 1508 Hwy. 62 SW	Roots & Debris	Pavement	
3/25/2008	3/25/2008	10	NEAH	Private Service Line Overflow	Debris	Ground	131 Edmonds
3/18/2008	3/19/2008	400000	NEAH	Manhole Overflow # 124-055	Rainfall - 9" in 48 hours	Ditch	Club Road
3/18/2008	3/19/2008	300000	NEAH	Manhole Overflow # 153-074	Rainfall	Ditch	948 Gray St.
3/18/2008	3/19/2008	70000	NEAH	Manhole Overflow #139-220	Rainfall	Ground	207 Richwood Dr.
3/18/2008	3/19/2008	30000	NEAH	Service Line overflow @ Cleanout	Rainfall	Ground	530 E. 2nd.
3/18/2008	3/20/2008	200000	NEAH	Manhole Overflow # 105-225	Rainfall	Ground	305 Springwood Dr.
3/24/2008	3/24/2008	1	NEAH	While Sewer crew hydrocleaned Sewer main. Water blew out of customer	See above Description	Ground	1105 Overlook Dr.

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
				toilet. Talked to customer and advised them to install backflow preventer.			
3/24/2008	3/24/2008	1	NEAH	Service line leak	Debris		504 Willow Ln.
3/21/2008	3/21/2008	100	NEAH	Service Line overflowing in back yard.	Debris	Ground	711 Foster
5/6/2008	5/7/2008	2	NONE	1749 GLENBRIAR DRIVE #30 (SERVICE LINE OVERFLOW)	ROOTS	GROUND	
5/11/2008	5/11/2008	2000	NEAH	Overflow	Equipment Failure	Ground	Village Green Lift Station
5/12/2008	5/13/2008	2	NONE	SERVICE LINE OVERFLOW @ 1017 SOUTH STREET	EQUIPMENT FAILURE (BACK WATER VALVE)	INSIDE BUILDING	
5/15/2008	5/15/2008	5	NONE	SERVICE LINE OVERFLOW @ 248 N. CHURCH STREET	EQUIPMENT FAILURE	GROUND	
6/2/2008	6/2/2008	1000	NONE	OVERFLOW @ 906 OAK MEADOW	EQUIPMENT FAILURE	DITCH	
6/4/2008	6/5/2008	5	NONE	SERVICE LINE OVERFLOW @ 604 PARK AVE. #1	DEBRIS	BUILDING	
6/16/2008		10	NONE	PRIVATE CUSTOMER SERVICE LINE OVERFLOWED @ 1212 GIENBRIER	DEBRIS		
6/13/2008	6/13/2008	10	NONE	SERVICE LINE OVERFLOWED ONTO THE GROUND.	ROOTS & DEBRIS	GROUND	
6/19/2008	6/20/2008	1000	NONE	MH OVERFLOW	ROOTS	GROUND	
3/21/2008	3/21/2008	10	NONE	2004 JOHNS (HOME TUB) / MH #189-045	RAINFALL	RESIDENCE TUB OVERFLOWED	
6/23/2008	6/23/2008	1	NONE	423 W. 7TH STREET	ROOTS	GROUND	

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
6/23/2008	6/23/2008	5	NONE	912 BRYANT STREET	EQUIPMENT FAILURE	GROUND	
6/24/2008	6/24/2008	1	NONE	616 ROLLER COURT	JET-VACUUMING LINE, BLEW UP IN CUSTOMER TOILET	BUILDING	
6/29/2008	6/29/2008	5	NONE	337 GLENSTONE DRIVE	ROOTS & GREASE	GROUND	
6/30/2008	6/30/2008	1	NONE	423 WEST 7TH STREET	ROOTS	GROUND	
7/2/2008	7/2/2008	5	NONE	709 ILLINOIS STREET	ROOTS	BUILDING	
7/9/2008	7/9/2008	15	None	Service Line overflowed at 1008 Windbrook	Equipment failure	Ground	
7/13/2008	7/13/2008	50	none	Main Line / Service Line at 1151 E. 9th Street	Roots	Building, Ground, Ditch	
8/11/2008	8/12/2008	2	No evidence of adverse health/environmental impact.	Service Line Overflow	Jet Vac		1105 Overlook Drive
8/13/2008	8/13/2008	5	No evidence of Adverse Health/ Environmental Impact.	Service Line Overflow	Roots		308 West 1st. St.
8/27/2008	8/27/2008	10	NEAH	Manhole Overflow	roots and grease	ground	1413 Post Oak Rd.
8/17/2008	8/17/2008	10	Not noted	Service line overflow	Debris		1048 S. Church
9/8/2008	9/8/2008	2	NEAH	Service Line Overflow	Roots	Building	222 E. 12 th Street
9/14/2008	9/14/2008	500	NEAH	Lift Station Overflow #1	Loss of Power	Ground	Midway
9/14/2008	9/14/2008	1500	NEAH	Lift Station Overflow	Loss of Power	Ground	Calzie Highland Lift Station
9/11/2008	9/11/2008	5	NEAH	Service Line Overflow	Construction	Ground	206 S. College
9/19/2008	9/19/2008	10	NEAH	Lift Station Overflow	Equipment Failure	Ground	Carlile Highlands Lift Station
9/23/2008	9/23/2008	5	NEAH	Service line overflow	Roots Grease		1524 Thistledown
9/21/2008	9/21/2008	10	NEAH	Service Line	Roots and	Building	1524

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
				Overflow	Grease		Thistledown
9/24/2008	9/24/2008	5	NEAH	Service Line Overflow	Roots		1524 Thistledown
9/25/2008	9/25/2008	10	NEAH	Service Line Overflow	Roots, Grease, and Debris		605 Cooper Estates Dr. #18
10/7/2008	10/7/2008	10	NEAH	Service Line Overflow	Customer had clean out plug run over by a vehicle, possibly more damage.		1419 Hwy. 62 SW
10/24/2008	10/24/2008	5	NEAH	Service Line Overflow	Roots	Building	124 Hwy. 201 N.
10/28/2008	10/28/2008	2	NEAH	Service Line Overflow	Roots	Building	630 Circle Dr.
12/1/2008	12/1/2008	5	NEAH	Overflow - Blown Seal a pipe's bell	Construction		1000 Redwing Tel.
12/3/2008	12/3/2008	5	NEAH	Clean out Overflow	Debris	Ground	1005 E. 1st. Street
12/16/2008	12/16/2008	100	NEAH	Manhole Overflow	Rags	Ditch	Manhole # 171-030
12/8/2008	12/8/2008	5	NEAH	Service Line Overflow	Roots	Ground	455 W. 7th Street
12/20/2008	12/22/2008	100	NEAH	Main Line Overflow	Roots, Broken Pipe	Ground	808 Circle Drive
12/29/2008	12/29/2008	5	NEAH	Service Line Overflow	Roots	Ground	Oak Tree Trailer Park #68
12/31/2009	12/31/2009	10	NEAH	Service Line Overflow	Roots	Ground	206 Nelson AVE.
1/29/2009	1/29/2009	500	NEAH	Lift Station Overflow	Power Failure, Ice	Ground	Indian Creek Lift Station
1/29/2009	1/30/2009	5000	NEAH	Lift Station Overflow	Power Failure	Ground	Parkwood Lift station
1/29/2009	2/2/2009	30000	NEAH	#2 Lift Station Overflow	Power Failure	Ground	Midway
1/29/2009	2/2/2009	10000	NEAH	Lift Station #1 Overflowed	Power Failure	Ground	Midway
1/28/2009	2/1/2009	200000	NEAH	Lift Station Overflow	Power failure	Ground	Caralide Highlands Lift Station

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
1/29/2009	1/29/2009	5	NEAH	Service Line Overflow	Roots, Grease, and Debris	Building	1517 Greenbrier
2/23/2009	2/23/2009	5	NEAH	Service Line Overflow	Roots	ground	504 Willow Ln.
2/19/2009	2/19/2009	5	Neah	Service Line Overflow	Roots, Debris	ground, building	1612 Inverness Dr.
2/24/2009	2/24/2009	5	NEAH	Service Line Overflow	Roots, Debris	Ground	1013 Gray St.