

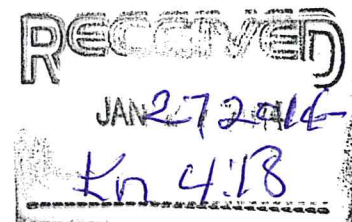
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NORTH LITTLE ROCK WASTE WATER UTILITY

7400 Baucum Pike
P.O. Box 17898
North Little Rock, AR 72117
Telephone: 501.945-7186
Fax: 501.945.4752



LETTER OF TRANSMITTAL



January 27, 2014

Arkansas Department of Environmental Quality
Attn: Allen Anderson, Enforcement Analyst, Water Enforcement Division
5301 Northshore Drive
North Little, AR 72118

Re: North Little Rock Waste Water Utility
2014 Annual Report
Consent Administrative Order LIS 10-218

Dear Mr. Anderson,

Please find the enclosed 2014 Annual Report in accordance with *Consent Administrative Order LIS 10-218* from Marc Wilkins, Director of the North Little Rock Waste Water Utility.

Sincerely,


Debbie Pretty
Office Assistant

[Faint signature and contact information]



North Little Rock
Waste Water Utility


2014 Annual Report



Consent Administrative
Order LIS 10-218

North Little Rock Waste Water Utility

2014 Annual Report



Consent Administrative
Order LIS 10-218

North Little Rock
Waste Water Utility
2014 Annual Report
Consent Administrative
Order LIS 10-218

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North Little Rock Waste Water Utility

2014 Annual Report

Consent Administrative Order LIS 10-218

Attn: Allen Anderson, Enforcement Analyst
Water Enforcement Division
Arkansas Department of Environmental Quality

In accordance with the requirements of Consent Administrative Order LIS 10-218 (CAO), Order and Agreement, Paragraph 3, Reporting, the fourth Annual Report is due February 1, 2014.

1. Wastewater Master Plan

A. Milestone Schedule

<u>Date</u>	<u>Milestone</u>
• Feb. 1, 2011	First Annual Report due
• Feb. 10, 2011	Effective date of Order
• Mar 10, 2011	Cross Connection Certification due
• Mar. 10, 2011	First Penalty Payment due (\$4,375.00)
• Apr. 25, 2011 – Feb. 25, 2013	Monthly Penalty Payment due (\$4,375.00/Mo.)
• Feb. 1, 2012 – Feb. 1, 2021 Or until closure of this CAO	Annual Report due

B. Capital Improvements Plan (CIP)

The following is a listing of projects scheduled to be completed as part of the Capital Improvements Plan recommendations from the 2011 Master Plan and progress made to date.

i. Faulkner Lake Phase III STP Modifications

This project consists of modifications to the influent pump station, addition of a primary clarifier, addition of a gravity thickener, addition of a parshall flume, removal of the existing grit chamber, and miscellaneous piping, structural, and hydraulic modifications.

This project is currently in design and is funded by RLF No. 00594-CWRLF-L. Crist Engineers, Inc. is the design engineer.

In an effort to expedite the completion of modifications to the influent pump station, the pump station was separated from the larger project.

The two projects are:

a. Modifications to the Influent Pump Station

Bids were opened on October 18, 2012. An agreement has been executed with J. S. Haren Company of Athens, TN in the amount of \$2,092,000. A Notice to Proceed was issued January 24, 2013, and the projected date for completion is November 15, 2013. The project is approximately 81% complete to date.

b. Faulkner Lake Phase III STP Modifications

Bids were received on September 19, 2013, and an agreement has been awarded to BRB Contractors, Inc. of Topeka, KS in the amount of \$3,492,000.00. A Notice to Proceed was issued November 5, 2013, and the projected date for completion is December 11, 2014. The project is approximately 3% complete to date.

ii. Miscellaneous Cured-In-Place Pipe (CIPP) Liner Project

a. CIPP Project 2012

This project consists of CIPP rehabilitation of existing pipelines identified from staff investigations in the Lakewood Lake No. 2 basin, Roseclair Drive, Rhodes Street, and part of the Rose City Interceptor.

Insituform Technologies was awarded the contract in the amount of \$393,900. Quantities of CIPP installed were:

<u>Quantity (LF)</u>	<u>Size</u>	<u>% Complete</u>
2773	6"	100
4675	8"	100
582	10"	100
<u>2180</u>	24"	100
10,210 Total		

Design, bidding and construction observation services were provided using in-house resources.

b. CIPP Project 2013

This project includes installation of approximately 63,000 lineal feet of cured-in-place pipe (CIPP) rehabilitation of existing pipelines in the Levy, Lakewood, NLR Academy, Campbell Road, Rose City Interceptor, Glenview, and Fort Roots areas.

Engineering services during construction will be provided by Michael Clayton, PE.

Bids were received on September 4, 2013, and an agreement has been awarded to PM Construction & Rehabilitation of Houston, TX in the amount of \$2,355,644.00. A Notice to Proceed was issued 11/8/2013, and the projected date for completion is 4/7/2014. The project is approximately 5% complete to date.

c. CIPP Project 2014

Staff will be preparing contract documents for cured-in-place pipelining based on recommendations from the 2013 SSES.

iii. Shillcutt Pump Station Modifications

Modifications to the Shillcutt P.S will include: installation of a new wetwell; new pumps with variable frequency drives; modifications to the existing bar screens; auxiliary power supply; modifications to the discharge piping and valves; and miscellaneous structural, piping, electrical, and site work items.

In-house resources will conduct periodic inspections during construction in addition to engineering services by Crist Engineers, Inc.

Bids were received on March 28, 2013, and an agreement has been awarded to Max Foote Construction, Inc. of Birmingham, AL in the amount of \$4,922,000.00. A Notice to Proceed was issued May 23, 2013, and the projected date for completion is June 3, 2013. The project is approximately 44% complete to date.

iv. Five Mile Creek Wastewater Treatment Plant Improvements 2013

This project consists of replacement of the bar screen, conveyor, a new parshall flume, modifications to the influent pump station, miscellaneous hydraulic structures and provisions for future flow equalization and the possible addition of flow from the Sherwood South WWTP. The project will also include the addition of auxiliary power generation for influent and effluent pumping during power failures.

Marlar Engineering Co., Inc. is the design engineer.

Bids were received on April 25, 2013, and an agreement has been awarded to Crossland Heavy Contractors of Columbus, KS in the amount of \$5,355,000.00. A Notice to Proceed was issued 6/14/2013, and the projected date for completion is May 24, 2014. The project is approximately 49% complete to date.

v. Auxiliary Generators for Pump Stations and Treatment Plants

a. 2013 Auxiliary Generators and Transfer Switches

This project consists of installation of auxiliary generators and transfer switches at the following facilities:

Wilcox Pump Station
Frontier-Morgan Pump Station
Hwy. 365-Sherman Rd. Pump Station
Hill Lake Pump Station
Maybelline Pump Station
Stone Links (Quapaw) Pump Station
Hwy. 107 Pump Station
Counts Massie Pump Station
Rixie-Trammel Road Pump Station

In-house resources are being utilized for design, bidding, and engineering services during construction.

Bids were received on November 19, 2013, and an agreement has been awarded to Nease Electrical, Inc. of Hot Springs, AR in the amount of \$295,688.00. A Notice to Proceed was issued December 20, 2013, and the projected date for completion is

March 20, 2014. The project is approximately 8% complete to date.

b. Proposed 2014 Auxiliary Generators and Transfer Switches

This project consists of installation of auxiliary generators and transfer switches at the following facilities:

Faulkner Lake Admin Bldg.
Faulkner Lake Laboratory
White Oak Influent Pump Station
White Oak Treatment Plant
Delta Lawn Pump Station
Maryland East Pump Station
Collins Industrial Park
Rixie – Hwy 161 Pump Station
Rixie – Lucky Drive
Cypress Crossing Pump Station

In-house resources are being utilized for design, bidding, and engineering services during construction.

vi. Oakbrook/Manor Drive Pump Station Upgrade

This project will consist of a new submersible-type pump station with auxiliary power supply to replace the existing suction-lift type station.

Design has been delayed due to difficulties in acquiring property, access easements and temporary construction easements.

Design is projected to begin in the first quarter of 2014.

In-house staff will conduct the topographic survey and preparation of easement surveys.

Design, bidding and construction observation will be provided using outside services contracts.

In-house staff will conduct periodic inspections during construction.

vii. Maintenance and Emergency Equipment Storage Facilities

This project includes the addition of metal buildings to house maintenance and emergency response equipment and will provide crews with designated equipment storage areas to minimize preparation time for routine job orders and emergency responses.

This project also includes a vehicle wash bay, grading and drainage improvements.

Bids were received on January 7, 2014. CWR Construction of North Little Rock, AR submitted the low bid in the amount of \$596,870.71.

viii. Miscellaneous Gravity Collection Improvements

The Capital Improvements Plan included a line item for miscellaneous gravity system improvements. These are projects identified during the flow monitoring and hydraulic modeling phases of the Masterplan. Staff identified the projects with the highest priority as follows:

a. Sediment Removal (FL-P1-SR)

Projected cost of construction is \$290,000 and the projected cost of professional services is \$43,500.

b. Cedar Street Sewer Improvements

Design and timing for this project is dependent on final stabilization of the landslide.

Projected cost of construction is \$220,000 and the projected cost of professional services is \$33,000.

c. Gravity Pipe Replacement (FL-GSO2)

This project is the downstream extension of the Lakewood Lake No. 2 project.

Projected cost of construction is \$1,300,000, and the projected cost of professional services is \$195,000.

d. Gravity Pipe Replacement (FL-GSO3)

This project consists of gravity collection improvements along the south side of Lakewood Lake No. 1.

Projected cost of construction is \$1,100,000, and the projected cost of professional services is \$165,000.

C. Sewer System Evaluation Survey (SSES)

The following is an update on SSESs completed, in progress, or scheduled for the upcoming year:

Based on recommendations in the 2011 Master plan, priorities for SSES fieldwork for the three (3) year period 2012-2014 are: Levy (2012), Lakewood (2013), and Baring Cross (2014).

i. 2012 SSES (Levy Area)

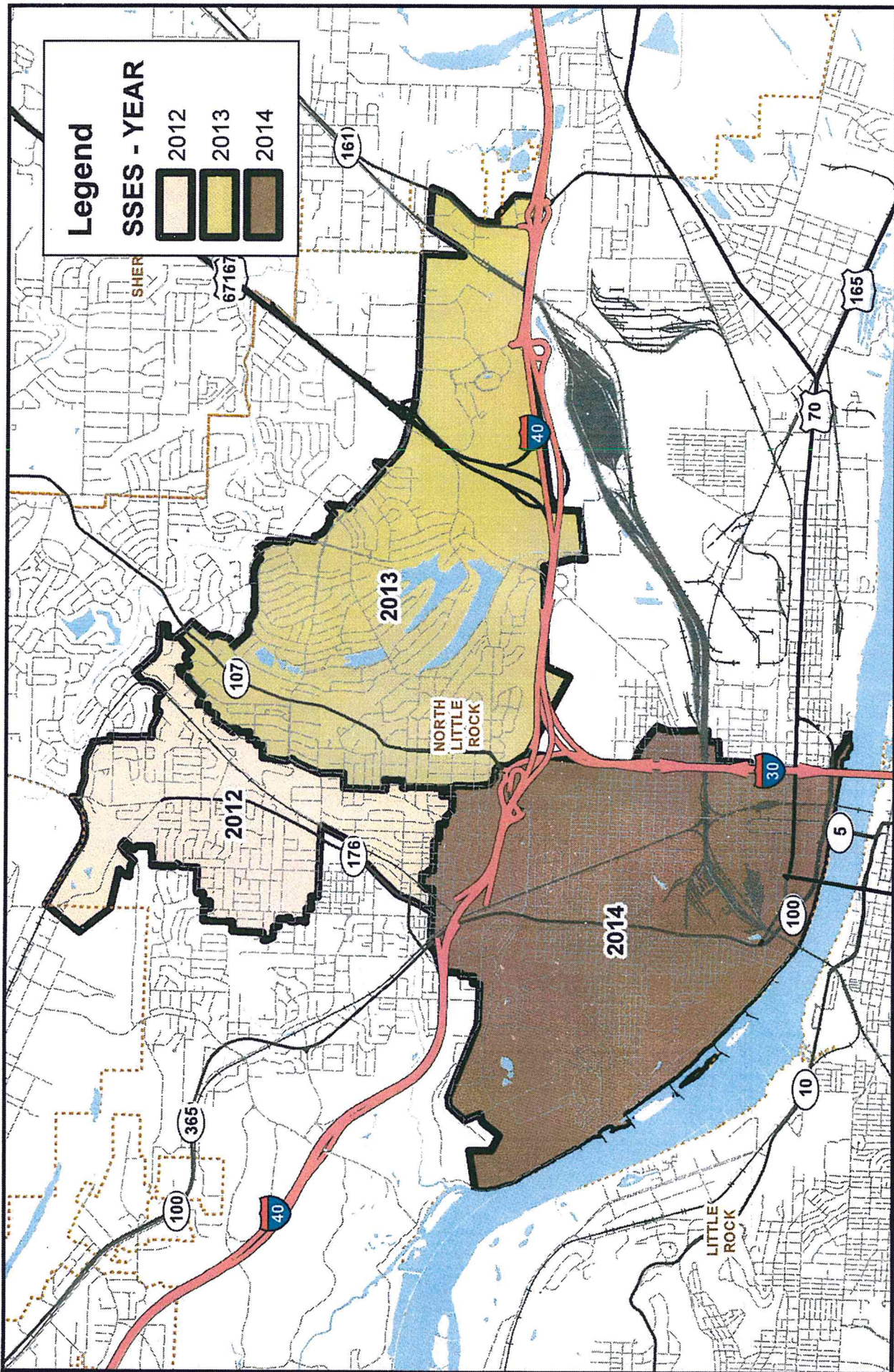
In 2012, the Utility contracted with rjngroup, inc. to conduct SSES fieldwork. The contract is for one (1) year with options to renew on an annual basis for two (2) additional years. Following is a summary of SSES fieldwork conducted in the Levy area during the calendar year 2012:

<u>Activity</u>	<u>Quantity</u>	<u>Results</u>	<u>Quantity I/I (mgd)</u>
Smoke Testing	205,569 LF	256	0.539
Manhole Inspections	571 EA	633	0.354
Dye Testing	50 EA	42	1.567
TV Investigations	276,870 LF*		Not Quantified
*System Wide			

ii. 2013 SSES (Lakewood Area)

Following is a summary of SSES fieldwork conducted in the Lakewood area during the calendar year 2013:

<u>Activity</u>	<u>Quantity</u>	<u>Defects</u>	<u>Quantity I/I (mgd)</u>
Smoke Testing	308,152 LF	945	0.625
Manhole Inspections	641 EA	566	0.351
Dye Testing	64 EA	49	0.843
TV Investigations	229,503 LF*		Not Quantified
*System Wide			



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North Little Rock Waste Water Utility

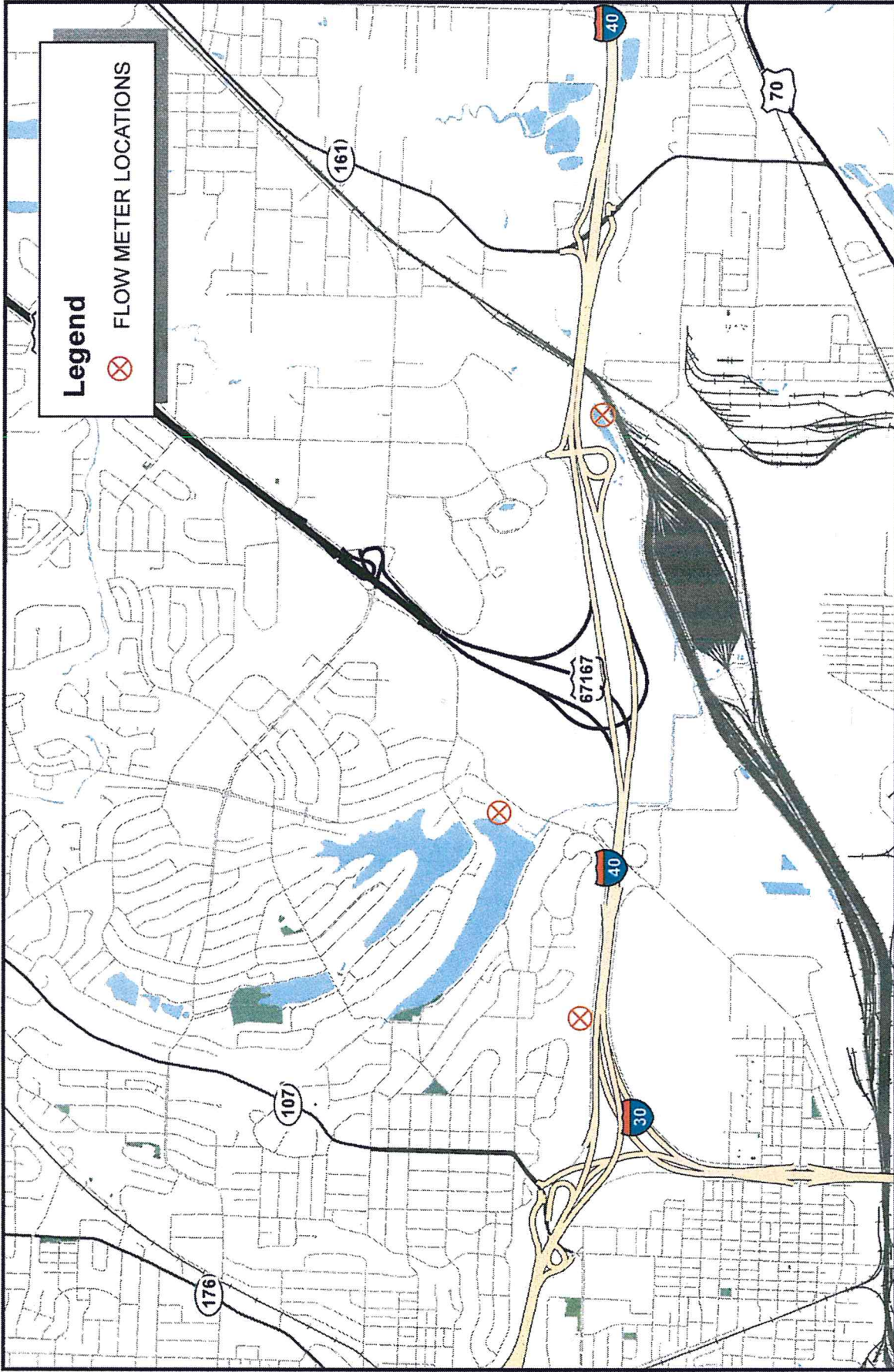


D. SSES, Pumping Station, Capacity Assessment, and Hydraulic Model Evaluation Report

The Master plan 2011 included a “Capacity, Management, Operations, and Maintenance Self-Assessment Report”, “Flow Monitoring “, and “Hydraulic Model” of the North Little Rock Waste Water Utility’s facilities. This information, along with staff input, was used to develop the capital improvements plan.

The Utility’s geographical information system has been utilized to subdivide the collection system into sub-basins or “sewersheds” of manageable size. SSO data for non-capacity related overflows is being used to focus the Utility’s cleaning efforts to the sewersheds with the highest number of non-capacity related overflows.

The following map (Flow Meter Locations) documents the efforts to collect flow data prior to and after completion of rehabilitation projects.



Legend
 ⊗ FLOW METER LOCATIONS

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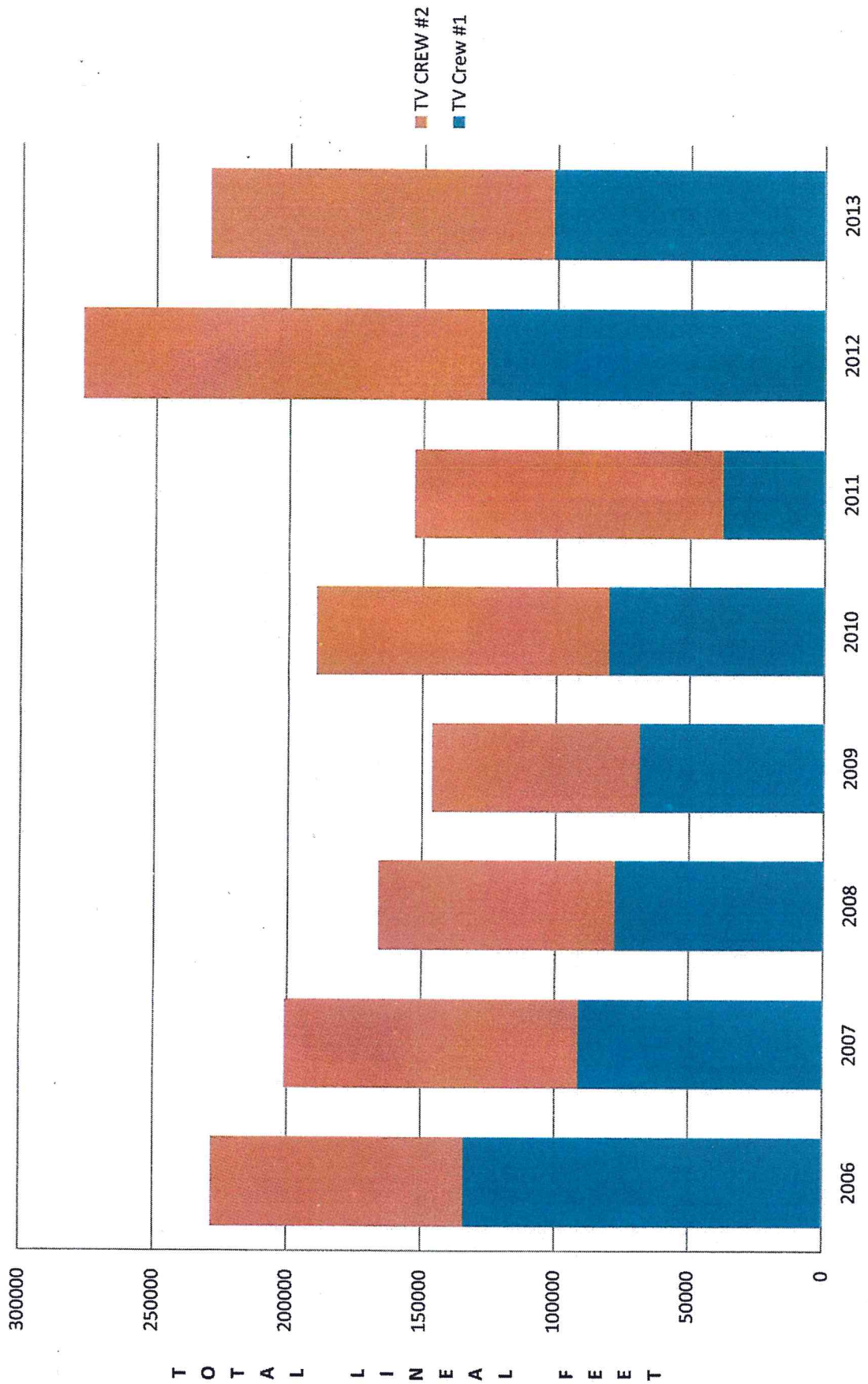
E. Collection System and Wastewater Treatment Plant Remedial Measures Plan

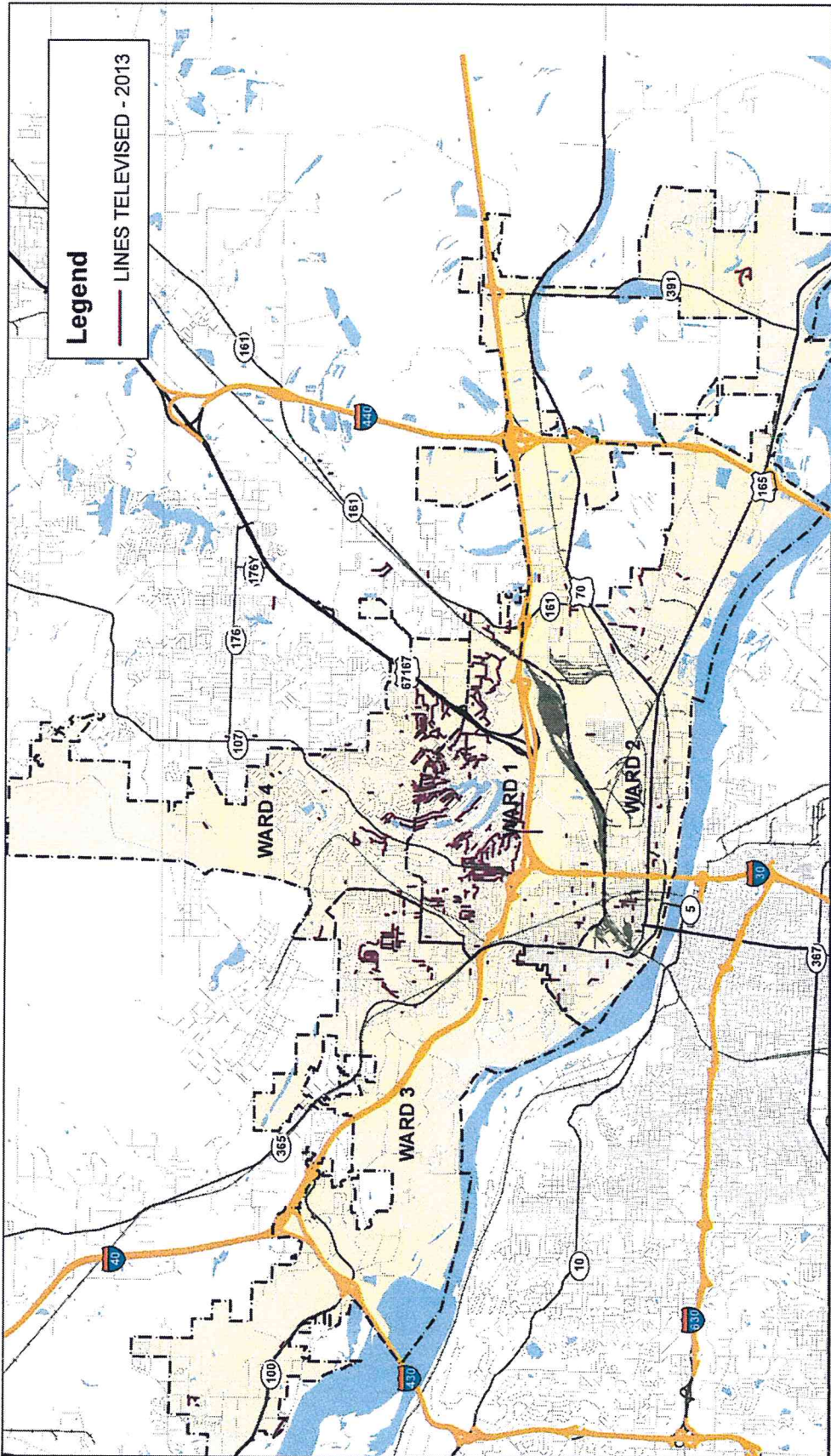
The following is an update of progress on specific collection system and WWTP Remedial Measures:

The remedial measures plan generally consists of measures involving existing equipment, personnel and practices which can be modified to reduce the occurrence of SSOs.

- i. Increase production of TV and cleaning crews
 - a. The following graph (TV Crew Production 2006 – 2013) and map (Lines Televised Calendar Year 2013) document the efforts to increase production of the TV crews in targeted areas.

North Little Rock Waste Water Utility TV Crews Production 2006 - 2013



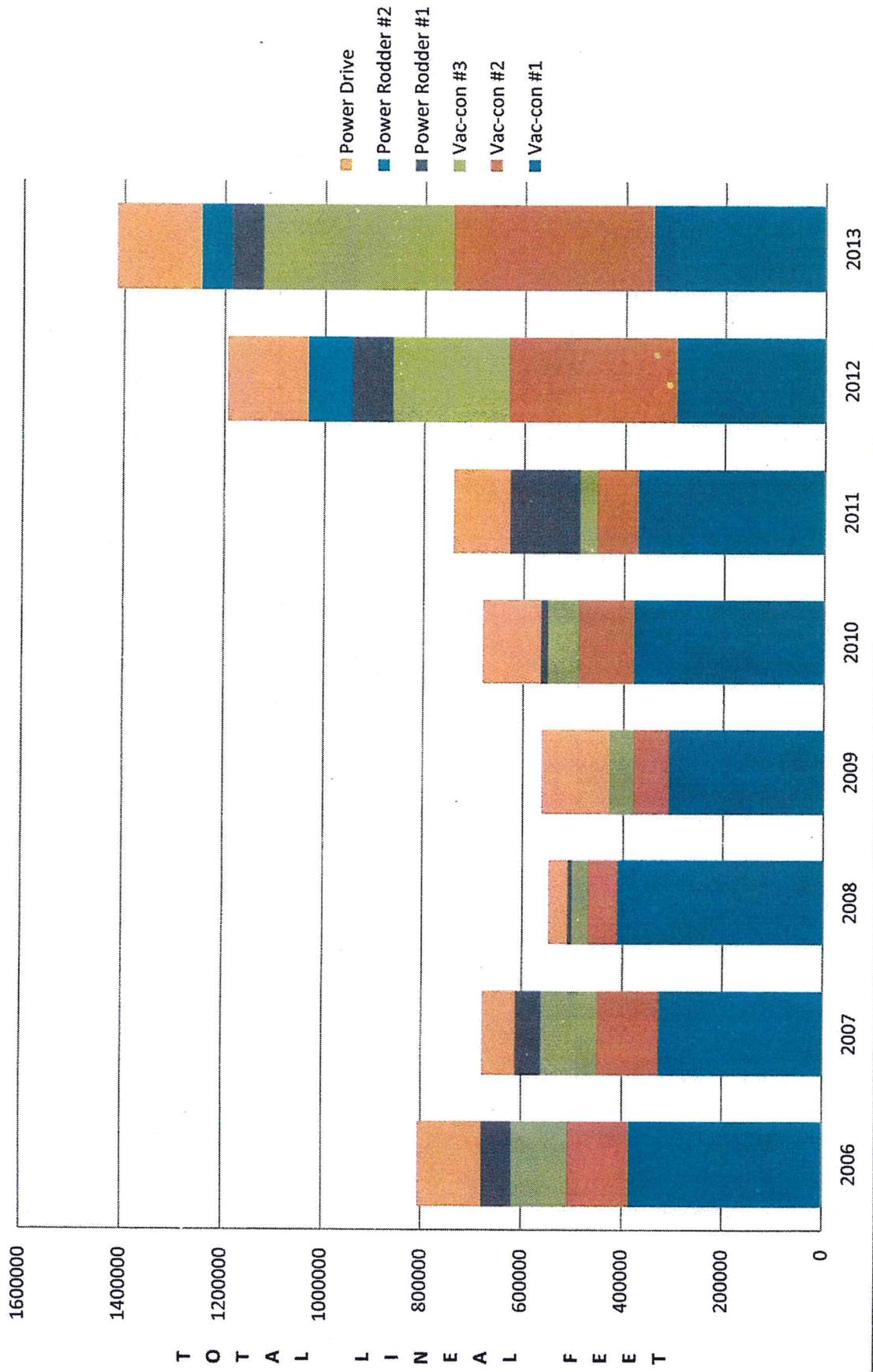


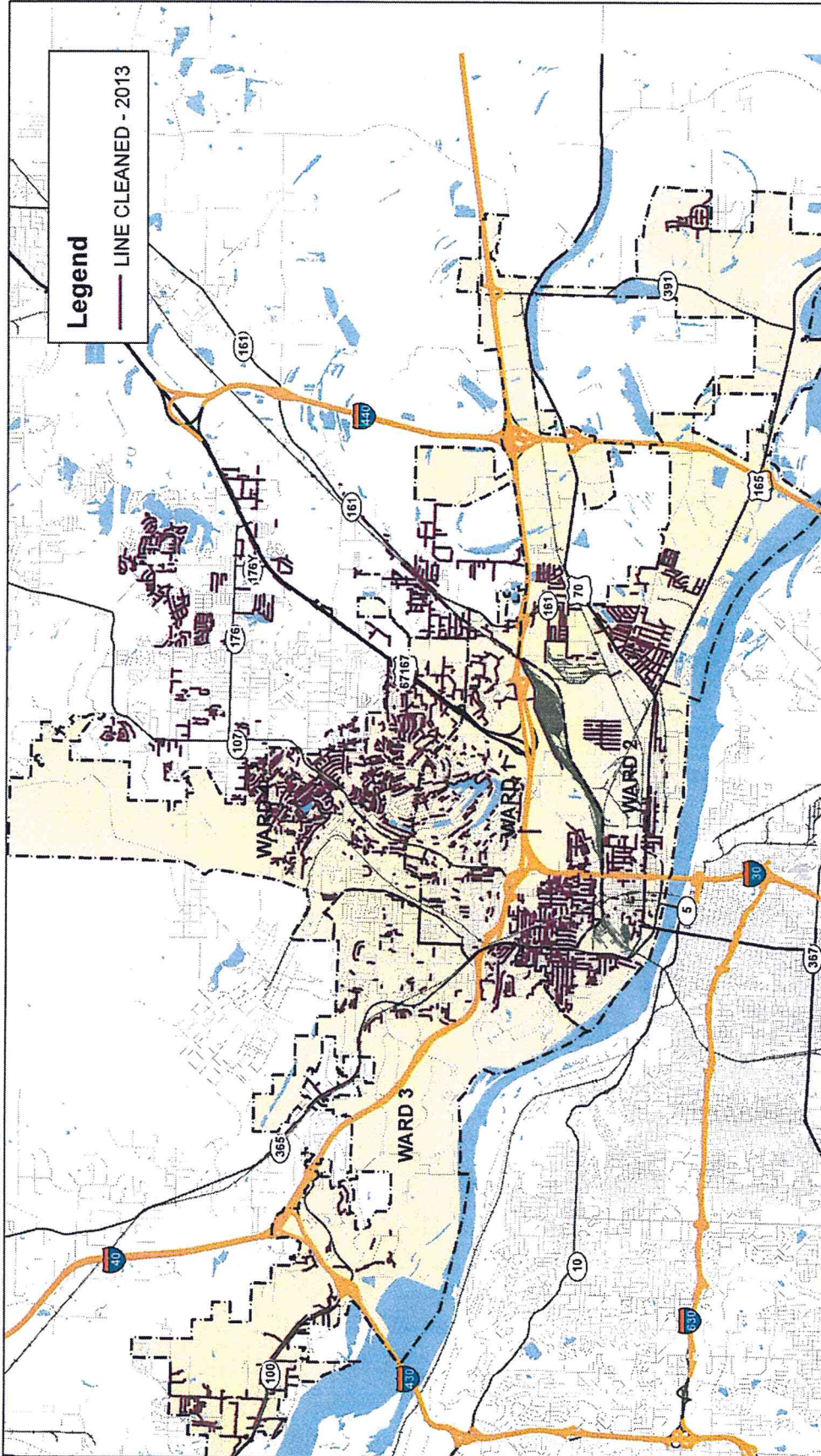
North Little Rock Waste Water Utility

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- b. The following graph (All Cleaning Crews Production 2006 – 2013) and map (Lines Cleaned Calendar Year 2013) document the efforts to increase production of the cleaning crews in targeted areas.

North Little Rock Waste Water Utility All Cleaning Crews Production 2006 - 2013





Legend
 — LINE CLEANED - 2013

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North Little Rock Waste Water Utility



- ii. Increase production by adding additional crews or personnel
 - a. A Power Rodder crew and equipment was added in 2012 to increase cleaning totals. The power rodder provides mechanical cleaning for hilly areas which are problematic for the Vacon cleaning equipment.

Power Rodder Crew #2 cleaned 60,778 LF of pipeline in 2013. In addition, this crew filled in to help temporarily form a second Power Drive Crew to reach lines inaccessible to mechanical cleaning equipment.

- b. In 2013, a two (2) man walking crew was added to provide GPS location of manholes ahead of all cleaning crews. Manholes not identified on existing maps can slow the progress of a cleaning crew. The purpose of the walking crew will be to locate manholes ahead of the cleaning crews, thus allowing the cleaning crews to continue work in other areas without stopping to search for lost manholes.

- c. Flagman

The North Little Rock Traffic Service Department requires preparation of a barricade plan for each crew working on a “busy” roadway. This includes the cleaning and TV crews which were previously excluded. The Utility surveyor standardized the preparation of barricade plans to streamline this process.

- iii. Provide emergency pumping connections at pump stations.

Following the ice storms in December 2000, the Utility implemented a program to provide emergency pumping connections at all the pump stations. The connections allow a trailer mounted, suction lift pump to draw water from the wetwell and pump directly into the force main, thus by-passing the permanent pumping equipment during emergency situations such as power and equipment failures.

Since December 2000, emergency pumping connections have been installed on thirty-three (33) pump stations, and emergency pumping connections are required on all new pump stations where feasible.

The following “Pump Station Emergency Response Connections” sheets identify pump stations with emergency pumping connections.

**NORTH LITTLE ROCK WASTE WATER UTILITY
PUMP STATION EMERGENCY RESPONSE CONNECTIONS**

2014

PUMP STATION #	PUMP STATION NAME	LOCATION	PUMP CONNECTION	TRANSFER SWITCH	GENERATOR	VOLTS
402	BRIDGEWAY HOSPITAL #2	BEHIND BRIDGEWAY HOSPITAL	Y	N	N	230 1Ø
403	CLAYTON CHAPEL	8910 LANDERS ROAD	Y	N	N	240 3Ø
405	DELTA LAWN	INTERSECTION OF CAMPBELL & LYNCH	Y	N	N	240 3Ø
406	DIXIE	920 F STREET (10TH & G)	Y	N	N**	240 3Ø
407	HWY 107	10617 HWY 107	Y	AUTO	Y*	240 3Ø
408	LANSBROOK	2312 HOLT ROAD (EAST BETHANY & HOLT)	Y	Y	N	240 3Ø
409	MARYLAND EAST	1500 EAST MARYLAND	Y	Y	N	240 3Ø
410	MARYLAND PLACE	S. SIDE OF E. MARYLAND; 400 YRDS FROM MARYLAND E. P.S.	Y	N	N	240 1Ø
413	COCK-OF-THE-WALK (#2)	SOUTHEAST SIDE OF COCK-OF-THE-WALK RESTAURANT	Y	N	N	480 3Ø
414	MAYBELLINE	AT THE END OF MAYBELLINE ROAD	Y	AUTO	Y*	480 3Ø
415	MCALMONT	AT THE EAST END OF WEST 44TH	Y	N	N	240 3Ø
416	MID-STATE	HWY 161 & PROTHO, NORTH SIDE OF MID-STATE TRUCK STOP	Y	N	N	240 3Ø
417	OAKBROOK	1412 MANOR DRIVE	Y	N	N**	480 3Ø
418	PINE TREE	4 PINE TREE POINT	N	N	N	240 1Ø
419	SHILLCUT	14 BAYOAKS DRIVE	N	AUTO	Y*	480 3Ø
420	SHORTER COLLEGE	1001 NORTH VINE	Y	N	N	240 3Ø
421	BURNS PARK EAST	SOUTH OF THE TENNIS COURTS IN BURNS PARK	N	N	N	240 3Ø
422	BURNS PARK WEST	WEST OF RIDES IN BURNS PARK	N	N	N	240 1Ø
423	LAKEWOOD PLACE	3301 LAKEVIEW ROAD	N	N	N	230 1Ø
424	I 440 INDUSTRIAL PARK	INDUSTRIAL DRIVE	Y	N	N	208 3Ø
425	AUSTIN LAKE	802 INDIAN BAY -- SHERWOOD	Y	N	N	480 3Ø
426	FRONTIER DR.- MORGAN	FRONTIER DRIVE	Y	AUTO	Y*	480 3Ø
427	MARCHE-MORGAN	ROBIN VALLEY RD.-- OFF MARCHÉ	Y	N	N	480 3Ø
429	BAUCUM INDUSTRIAL	1201 BAUCUM INDUSTRIAL DRIVE- NEXT TO GLOVER TRANS.	Y	N	N	208 3Ø
430	WILCOX	1124 HWY 391 SOUTH--SCOTT	N	AUTO	Y	480 3Ø
431	QUAPAW	13743 FAULKNER LAKE RD--BY GOLF COURSE	Y	AUTO	Y*	240 3Ø
		2013 Installed Emergency Response Connection				
		2014 Proposed Emergency Response Connections				
		2015 Proposed Emergency Response Connections				
		* In Construction				
		** In Pump Station Upgrade				

NORTH LITTLE ROCK WASTE WATER UTILITY

PUMP STATION EMERGENCY RESPONSE CONNECTIONS

2014

PUMP STATION #	PUMP STATION NAME	LOCATION	PUMP CONNECTION	TRANSFER SWITCH	GENERATOR	VOLTS
432	HWY 365-SHERMAN RD	2ND CURVE TO LEFT OFF SHERMAN RD-GRAVEL EASEMENT	Y	Y	Y*	480 3Ø
433	GAP CREEK	RIGHT OFF BROCKINGTON IN GAP CREEK SUBDIVISION- 1 BLOCK ON RIGHT	Y	N	N	240 3Ø
434	HARRIS INDUSTRIAL PARK	ON DIAMOND DR BETWEEN DIAMOND INTERNATIONAL & GREAT DANE	Y	N	N	480 3Ø
435	BURNS PARK RV PARK	BEHIND RV DUMP STATION	N	N	N	240 1Ø
436	BURNS PARK LANDSCAPING	SOUTH OF LANDSCAPE MAINTENANCE BLDG.	N	N	N	240 1Ø
437	BURNS PARK SOUTH	ON GOLF COURSE BY HOLE #5 TEE BOX, PAR 3, 132 YARDS	N	N	N	240 1Ø
438	HILL LAKE	ON BARTON RD BESIDE GALLOWAY INN	N	AUTO	Y*	480 3Ø
439	BURNS PARK SOCCER FIELDS	1 BLOCK PAST HEILMAN ON RIGHT	N	N	N	230 1Ø
440	COLLINS INDUSTRIAL PARK	END OF COLLINS RD.	Y	N	N	480 3Ø
441	COUNTS MASSIE	8701 COUNTS MASSIE RD MAUMELLE, AR 72113	Y	AUTO	Y*	480 3Ø
442	CHAPEL RIDGE	5900 MCCAIN PLACE NLR, AR 72116	Y	N	N	240 3Ø
443	RIXIE PUMP -HWY 161	BESIDE 6302 HWY 161	Y	N	N	480 3Ø
444	RIXIE PUMP-LUCKY DR.	LUCKY DR OFF HWY 161	Y	N	N	480 3Ø
445	RIXIE PUMP- TRAMMEL RD	BEHIND 834 TRAMMEL RD	Y	AUTO	Y*	480 3Ø
446	RIXIE PUMP-RIXIE RD- RR TRACK	AT RR CROSSING ON RIXIE RD	Y	N	N	480 3Ø
447	CYPRESS CROSSING	MYENA LANE OFF OF HWY 165	Y	N	N	480 3Ø
448	CRYSTAL BAY	2 BLOCKS WEST ON CRYSTAL HILL RD FROM COUNTS MASSIE RD	Y	N	N	480 3Ø
449	TRAMMEL ESTATES	IN TRAMMEL ESTATES FIRST LEFT 1 BLOCK DOWN	Y	N	N	240 1Ø
450	EUREKA GARDEN & 46TH	CORNER OF EUREKA GARDEN & 46TH STREET	Y	AUTO	Y	240 3Ø
451	EUREKA GARDEN RD	ON EUREKA GARDEN RD	Y	Y	N	240 3Ø
452	EUREKA GARDEN & JUDY LANE	CORNER OF EUREKA GARDEN & JUDY LANE	Y	Y	N	240 3Ø
453	FAULKNER CROSSING 5		Y	AUTO	Y	480 3Ø

2013 Installed Emergency Response Connection
 2014 Proposed Emergency Response Connections
 2015 Proposed Emergency Response Connections
 * In Construction
 ** In Pump Station Upgrade

- iv. Provide emergency generator connection and transfer switches at pump stations.

In 2008, the Utility purchased a 480V, 3phase, 100 KW trailer mounted generator. This generator is used to provide temporary power to certain pump stations.

In 2013, the Utility purchased a 240/480 V, 3 phase, 100 KW trailer mounted generator. This generator can be used to provide temporary power to pump stations.

To date, manual transfer switches have been installed on nine (9) pump stations. New pump stations are required to include emergency generator connections and transfer switches.

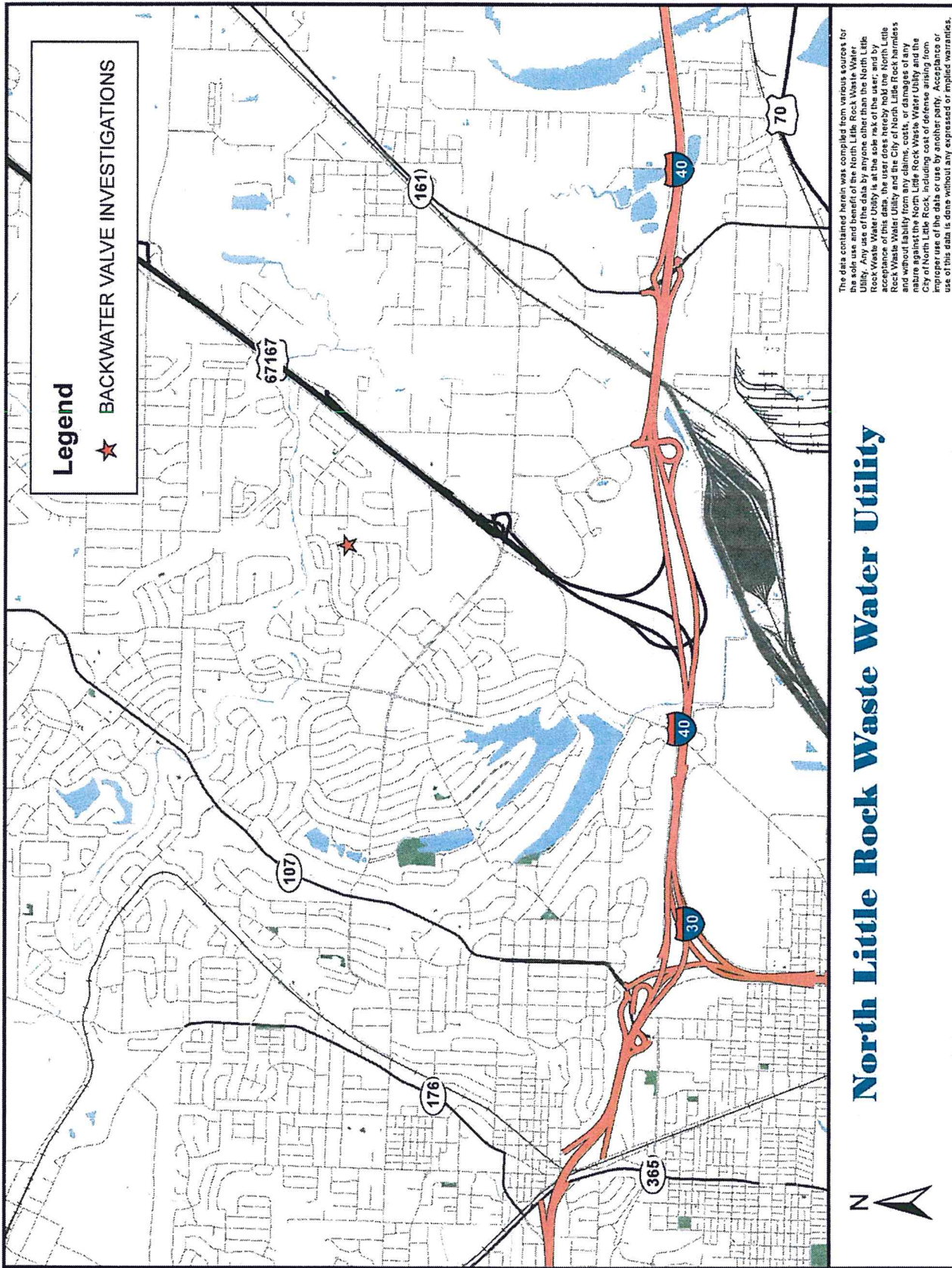
Permanent mounted generators and automatic transfer switches have been installed at 12 pump stations and two (2) treatment plants.

The above (E. iii) "Pump Station Emergency Response Connections" table identifies pump stations with transfer switches.

- v. Identify areas subject to building/private property backups.

The Utility utilizes trouble calls to initiate an investigation to determine areas subject to building/private property backups. A trouble call attributed to "high water" and resulting in slow draining fixtures or backups in buildings or property initiates a work order to the Civil Engineer. The Civil Engineer conducts an investigation to determine the cause of the backup and documents the need for corrective action. The Civil Engineer documents the need for a backwater valve and sends a letter to the property owner. A copy of the letter is given to the GIS Administrator for entry into the GIS database.

Following is a map identifying the addresses investigated in 2013 for the need for backwater valves and the resulting action taken.



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North Little Rock Waste Water Utility



vi. Public education

In 2012, the Utility expanded its Grease Reduction Program to include additional items to 'not' put down the drain and has renamed the program "Maintain YOUR Drain." Expansion of the Grease Reduction Program was largely brought about by increased problems associated with so-called "flushable wipes."

A summary of the activities conducted by the "Maintain YOUR Drain" staff, in 2013, is attached, as well as, copies of the mailers.

North Little Rock Waste Water Utility's Maintain YOUR Drain Program

(Educating the public on what "NOT" to put down the drain.)

Date	Group Name	Location	Approximate # of Attendees
02/27/13	Oak Grove Elementary	5703 Oak Grove Road, NLR	20
03/05/13	Meadow Park Elementary	2300 Eureka Garden Road, NLR	24
03/15/13	Crestwood Elementary	1901 Crestwood, NLR	82
04/26/13	Lakewood Elementary	1800 Fairway Ave., NLR	70
05/21/13	NLR Catholic Academy	1518 Parker St., NLR	20
06/04/13	Sherwood Sewer Committee	51 Shelby Road, Sherwood	8
09/25/13	Lynch Drive Elementary	5800 Alpha St., NLR	44
10/02/13	Cato Elementary	9906 Jacksonville Cato Road, NLR	56
10/03/13	Central Arkansas Christian 7th Graders	Faulkner Lake Plant Tour and Presentation	80
11/20/13	Meadow Park Elementary	2300 Eureka Garden Road, NLR	50
Total Attendees to Date			454

Mar-13 55,000 Mailers were sent out with information on how to dispose of grease and pharmaceuticals properly.

Jul-13 55,000 Mailers were sent out with information on how to dispose of grease and pharmaceuticals properly.

Dec-13 55,000 Mailers were sent out with information on how to dispose of grease properly.

In addition, children at the previously mentioned schools were given bracelets with the North Little Rock Waste Water Logo and a message that reads "Protect Our Water" as a reminder of how the dangers of improper grease disposal can harm our environment.

Informative brochures are handed out at all meetings with material on grease and pharmaceutical disposal.



501-945-7186

MAINTAIN YOUR DRAIN

Do **Not** Put Down the
Drain or Toilet

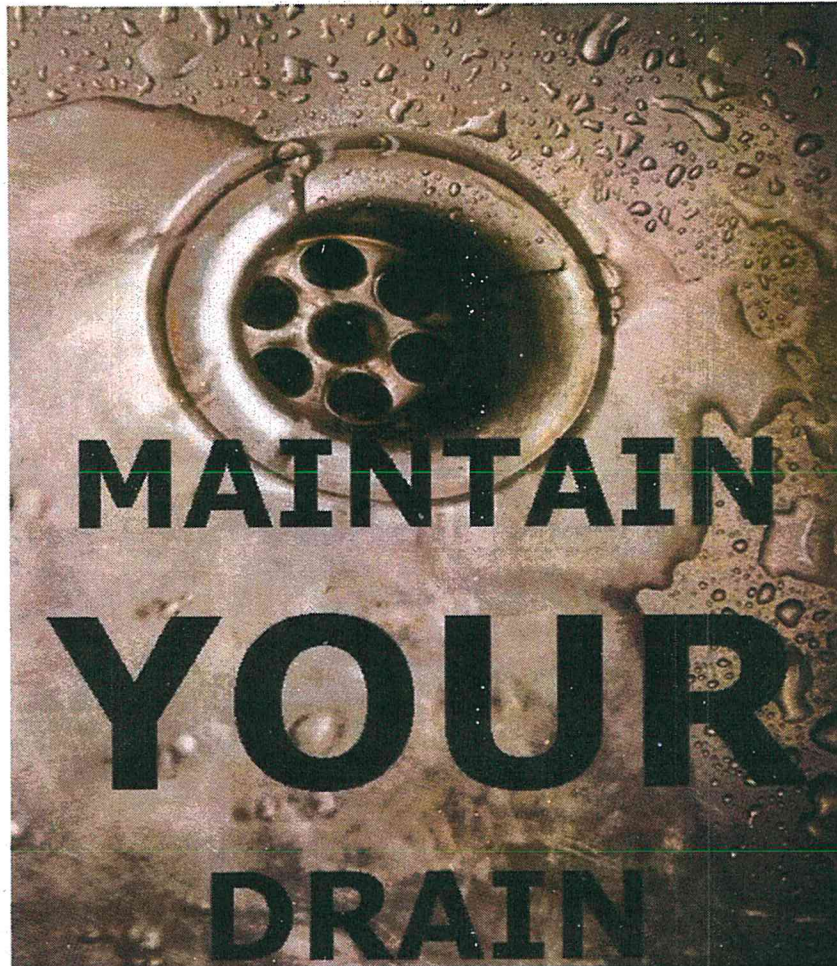
Baby Wipes
Clothing/Rags
Paper Towels
Automotive Oils
Pharmaceuticals
Cosmetics/Fragrances
Sunscreen Products
Chemicals

WWW.NORTHLITTLEROCK.AR.GOV

u:Connie's Files/Marc's/cao2014



501-945-7186



MAINTAIN YOUR DRAIN

Grease

Never pour grease or cooking oil down
sink drains or
garbage disposals.

Place small amounts of grease and oil in
the trash.

Large containers of cooking oil can be
recycled at

12th & Willow
North Little Rock, AR 72114
(501) 371-8345

WWW.NORTHLITTLEROCK.AR.GOV



501-945-7186

**MAINTAIN
YOUR
DRAIN**

Pharmaceuticals

Do NOT flush them down the toilet.

Mix old pharmaceuticals with used coffee grounds or kitty litter.

Place them in a sealable container and throw them in the trash.

OR

Contact local law enforcement for community take-back programs.

WWW.NORTHLITTLEROCK.AR.GOV

vii. Treatment plant stormwater runoff protection

Part of the Utility's effort to comply with treatment plant stormwater runoff protection includes the addition of "Maintenance and Emergency Equipment Storage Facilities." This project includes the addition of metal buildings to house maintenance and emergency response equipment.

This project also includes the addition of a vehicle wash station, site grading and drainage improvements.

Bids were received on January 7, 2014, and an agreement has been awarded to CWR Construction of North Little Rock, AR in the amount of \$596,870.71.

viii. Secure funding for Capital Improvement Projects

- a. A three-step rate increase was adopted by the North Little Rock City Council on March 26, 2012, to fund the capital Improvements program through the Revolving Loan Fund Program.
- b. On November 28, 2012, the Utility closed on a \$21,000,000 loan with the Arkansas Natural Resources Commission.

2. Civil Penalty Payment Summary

<u>Total Owed</u>	\$105,000.00
<u>Payments</u>	
Mar. 10, 2011	(\$4,375.00)
Apr. 25, 2011	(\$4,375.00)
May 25, 2011	(\$4,375.00)
June 25, 2011	(\$4,375.00)
July 25, 2011	(\$4,375.00)
Aug. 25, 2011	(\$4,375.00)
Sept. 25, 2011	(\$4,375.00)
Oct. 25, 2011	(\$4,375.00)
Nov. 25, 2011	(\$4,375.00)
Dec. 25, 2011	(\$4,375.00)
Jan. 25, 2012	(\$4,375.00)
Feb. 25, 2012	(\$4,375.00)
Mar. 25, 2012	(\$4,375.00)
Apr. 25, 2012	(\$4,375.00)
May 25, 2012	(\$4,375.00)
June 25, 2012	(\$4,375.00)
July 25, 2012	(\$4,375.00)
Aug. 25, 2012	(\$4,375.00)

Sept. 25, 2012	(\$4,375.00)
Oct. 25, 2012	(\$4,375.00)
Nov. 25, 2012	(\$4,375.00)
Dec. 25, 2012	(\$4,375.00)
Jan. 25, 2013	(\$4,375.00)
Feb 13, 2013	(\$4,375.00)

Balance Owed **-0-**

3. **Notifications of Deficiencies**

CAO Notices of Deficiencies received from ADEQ: **None** (no. & date)
 NLRWU response to Notice of Deficiencies: N/A (must be within 15 days)

Summary of NLRWU actions to address deficiencies: **N/A**

4. **Compliance Delays**

Notifications of Compliance Delays submitted to ADEQ: **None** (no. & date)
 Length of Compliance Delay: **N/A**

Cause of Compliance Delay: **N/A**

Measures Taken to Minimize Delay: **N/A**

Timetable for Implementing Additional Measures: **N/A**

5. **Certification**

As required by the Order and Agreement, Paragraph 3, North Little Rock Waste Water Utility certifies that we are complying with the ADEQ-approved Wastewater Master Plan.

Respectfully Submitted,

Marc E. Wilkins, PE
 Director
 North Little Rock Waste Water Utility

APPENDIX

A. Annual Overflows and Rainfall 2006 – 2013

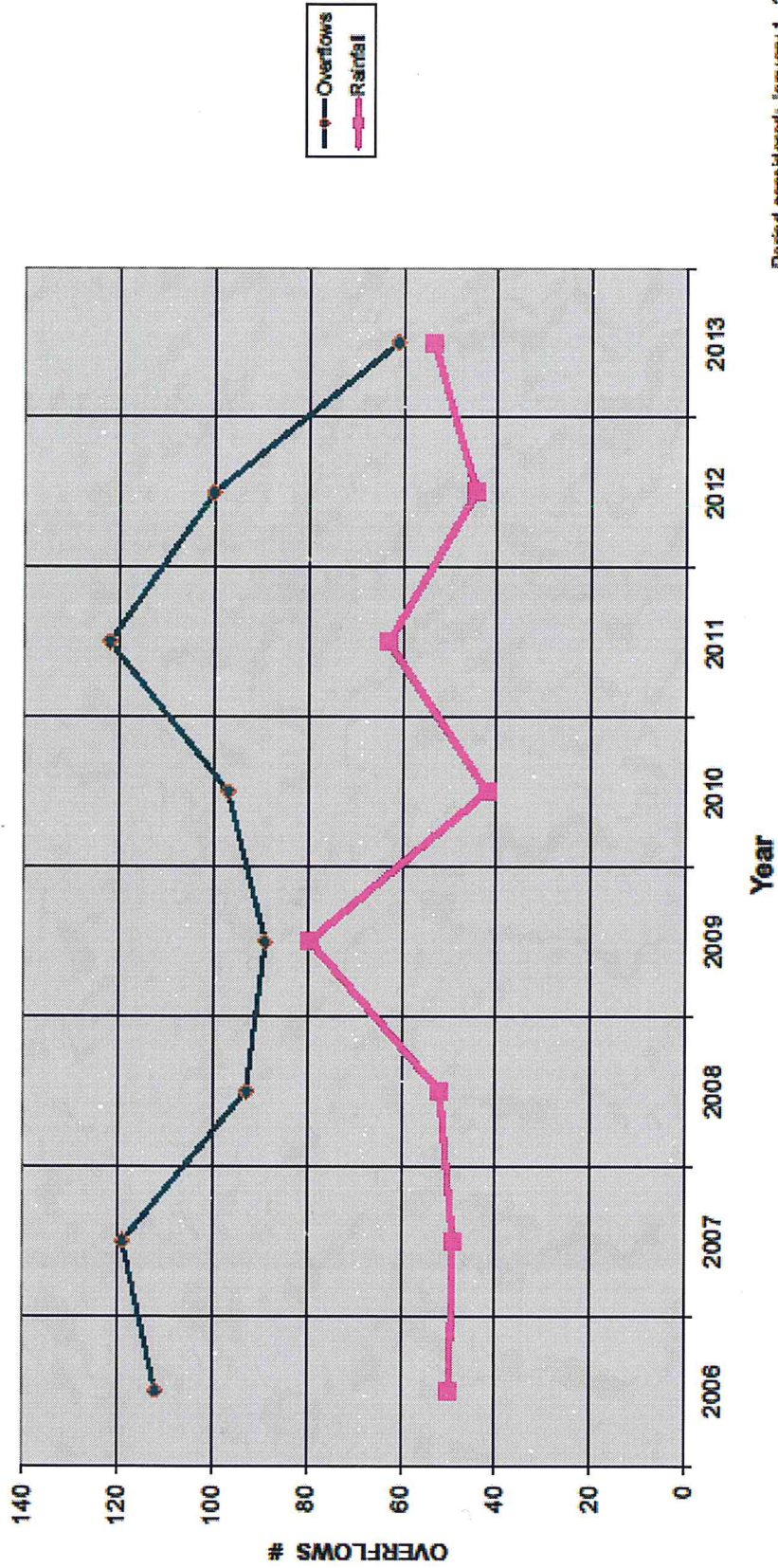
B. Overflows 2013

C. 2013 Year-To-Date Work Recap Report (Maintenance and Repair Department)

D. 2013 Engineering and Inspection Year-To-Date Report

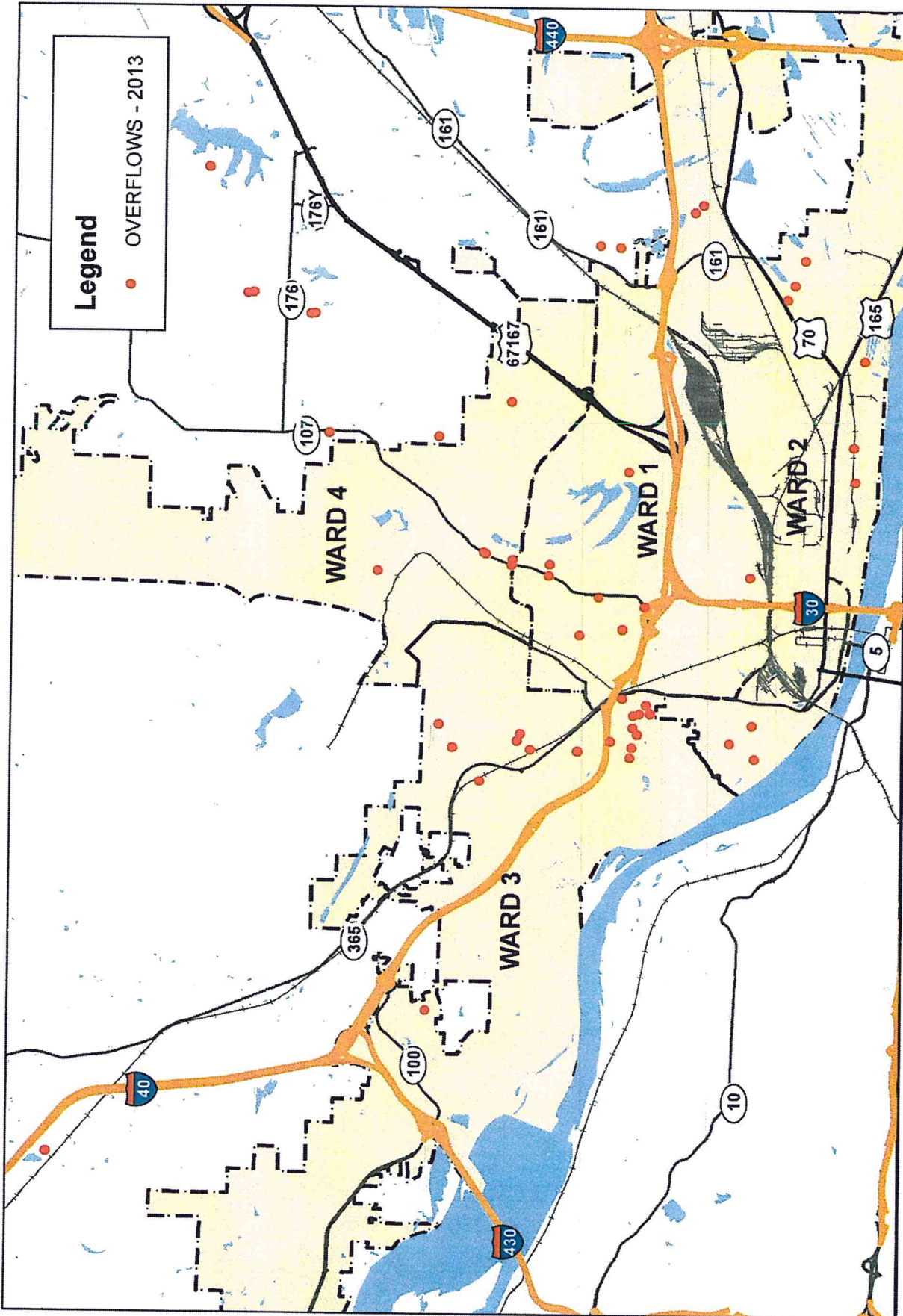
North Little Rock Waste Water Utility North Little Rock, AR

Annual Overflows and Rainfall



Period considered: January 1, 2007
 thru Dec. 31, 2013

Note: 2009 Rainfall Year to Date
(127/08) ranks as the highest on record.
(per National Weather Service, NLR Office)



The data contained herein was compiled from various sources for the sole use and benefit of the North Little Rock Waste Water Utility. Any use of the data by anyone other than the North Little Rock Waste Water Utility is at the sole risk of the user; and by acceptance of this data, the user does hereby hold the North Little Rock Waste Water Utility and the City of North Little Rock harmless and without liability from any claims, costs, or damages of any nature against the North Little Rock Waste Water Utility and the City of North Little Rock, including cost of defense arising from improper use of the data or use by another party. Acceptance or use of this data is done without any expressed or implied warranties.

North Little Rock Waste Water Utility



North Little Rock Waste Water Utility 2013 Year-To-Date Work Recap Report

Crews:	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
MANHOLE:													
<i>Disconnects</i>	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Taps</i>	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Repairs</i>	4	3	3	0	21	2	55	67	39	78	41	37	350
<i># of MH's Grouted</i>	0	0	16	0	17	0	15	28	36	36	12	0	160
<i>#of Coats</i>	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>MH Depth (Ft/In)</i>	0	0	0	0	0	0	34	0	5	190	89	0	317.0
<i># of Bags of Grout</i>	3	0	23	0	11	0	18	42.5	26	91.0	35.5	6.0	256
POWER DRIVE:													
<i># of Ft Cleaned</i>	13,030	10,343	7,122	23,307	15,390	17,254	21,849	18,291	10,168	15,970	7,477	5,861	166,062
PWR RODDER #1:													
<i># of Ft Cleaned</i>	4,348	842	1,637	6,664	1,125	1,442	8,456	8,753	7,243	11,187	4,414	5,278	61,389
PWR RODDER #2:													
<i># of Ft Cleaned</i>	1,668	3,553	7,864	13,016	6,174	2,375	4,113	5,253	8,762	5,854	712	1,434	60,778
REPAIR #1:													
<i>Repairs</i>	2	5	11	7	6	4	10	9	9	13	5	5	86
<i>New Manholes</i>	0	0	0	2	5	2	0	0	0	0	0	2	11
<i>New Lines</i>	0	4	2	1	2	0	0	0	0	0	0	0	9
<i>Disconnects</i>	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Taps</i>	2	1	0	2	2	0	2	2	2	4	1	1	19
<i>Miscellaneous</i>	12	6	6	5	1	0	2	3	2	6	3	8	54
REPAIR #2:													
<i>Repairs</i>	11	10	13	12	12	12	12	10	5	10	8	7	122
<i>New Manholes</i>	0	0	0	1	0	0	0	0	1	0	0	0	2
<i>New Lines</i>	0	0	0	0	0	1	1	0	1	0	0	0	3
<i>Disconnects</i>	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Taps</i>	1	3	1	2	1	1	1	1	0	0	1	0	12
<i>Miscellaneous</i>	7	8	6	4	8	8	8	4	3	9	1	6	72

North Little Rock Waste Water Utility

2013 Year-To-Date Work Recap Report

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
Crews:													
REPAIR #3:													
Repairs	5	4	6	3	3	4	3	3	4	13	5	12	65
New Manholes	0	0	1	2	0	0	2	0	0	0	0	0	5
New Lines	0	0	0	1	0	0	0	0	1	1	0	0	3
Disconnects	0	0	0	0	0	0	0	0	0	0	0	0	0
Taps	0	0	0	0	0	1	0	0	0	1	1	1	4
Miscellaneous	6	7	7	7	0	1	1	1	1	11	12	12	66
TROUBLE:													
# of Ft Cleaned	1,987	2,310	1,282	1,688	877	833	846	1,312	1,383	2,004	820	1,374	16,716
Stop-Ups	76	56	51	52	30	25	13	3	33	50	32	47	468
Private Lines	46	27	26	33	19	17	6	9	17	35	20	30	285
Cave-Ins	9	4	5	6	7	6	5	0	0	2	1	2	47
Flooded Houses	0	0	0	1	1	0	0	0	0	0	0	0	2
Miscellaneous	52	43	72	54	55	64	60	59	68	90	41	60	718
Total Calls	137	101	126	112	86	95	80	71	95	135	70	106	1,214
VACCON #1:													
# of Ft Cleaned	22,809	21,436	36,328	22,269	27,756	33,509	26,173	23,010	31,436	41,970	33,116	23,995	343,807
VACCON #2:													
# of Ft Cleaned	19,803	22,957	36,228	38,852	40,668	39,253	35,385	21,682	31,501	50,606	35,378	24,739	397,052
VACCON #3:													
# of Ft Cleaned	24,008	25,838	37,673	38,590	36,321	22,718	36,579	22,741	43,542	35,363	32,247	27,169	382,789

ENGINEERING & INSPECTION													
2013	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Y T D
PLANS REVIEWED													
Subdivisions	0	0	0	0	0	0	0	0	0	0	0	0	0
Plats	8	2	1	4	0	0	3	3	2	0	2	2	27
TV CREW #1													
Feet	0	0	10285	19470	5271	0	15384	17455	13104	12920	5592	1978	101459
TV CREW #2													
Feet	12956	11509	12893	13679	10740	9593	11658	9465	8366	11761	8143	7281	128044