

**TREATMENT DEPARTMENT STATUS REPORT**

**April, 2017**

	<b><u>BOD</u></b>	<b><u>TSS</u></b>
Faulkner Lake	5.8 mg/L (30 Max.)	3.1 mg/L (30 Max.)
Five Mile	35.9 mg/L (30 Max.)	31.7 mg/L (90 Max.)
White Oak	20.7 mg/L (30 Max.)	28.4 mg/L (90 max.)
Maumelle	15.7 mg/L (30Max.)	11.1 mg/L (30 Max.)

Shannon Wayson  
Chemist



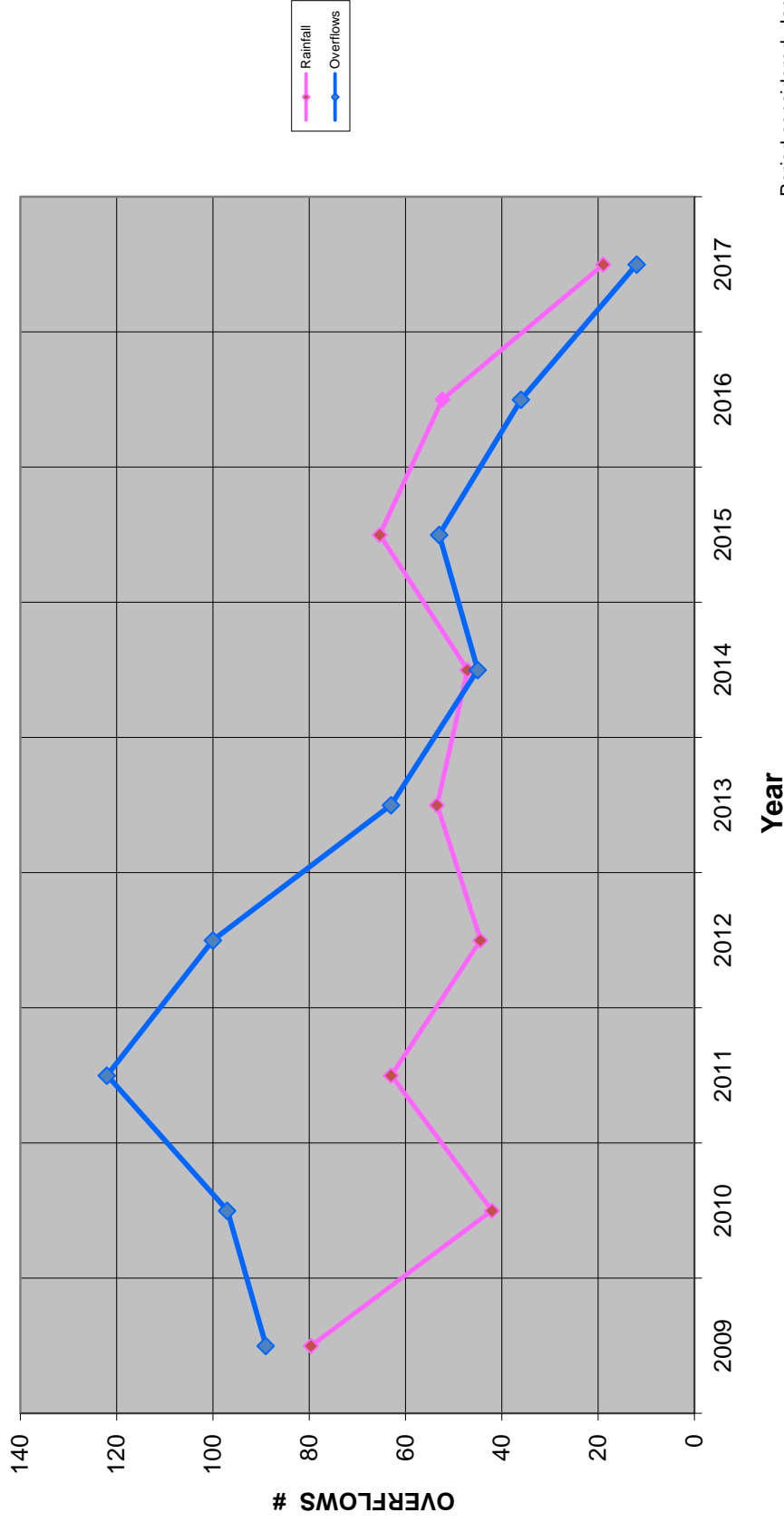
**NLR Wastewater  
Maintenance & Repair Department  
Work Recap by Ward  
April-17**

<b>Crews:</b>	<b>Ward 0</b>	<b>Ward 1</b>	<b>Ward 2</b>	<b>Ward 3</b>	<b>Ward 4</b>	<b>Ward 5</b>	<b>Total</b>
<b>MANHOLE:</b>							
<i>Disconnects</i>	0	0	0	0	0	0	0
<i>Taps</i>	0	0	0	0	0	0	0
<i>Repairs</i>	0	0	0	0	0	0	0
<i># of MH's Grouted</i>	1	8	2	5	29	2	47
<i># of Coats</i>	0	0	0	0	0	0	0
<i>MH Depth (Ft/In)</i>	0.0	0.0	0	0.0	0.0	0.0	0.0
<i># of Bags of Grout</i>	0	0	0.0	0.0	0.0	0.0	0
<b>POWER DRIVE:</b>							
<i># of Ft Cleaned</i>	1,710	3,408	0	2,665	0	0	7,783
<b>PWR RODDER #1:</b>							
<i># of Ft Cleaned</i>	0	0	0	0	0	0	0
<b>REPAIR #1:</b>							
<i>Repairs</i>	2	1	5	1	0	1	10
<i>New Manholes</i>	0	0	0	0	0	0	0
<i>New Lines</i>	0	0	0	0	0	0	0
<i>Disconnects</i>	0	0	0	0	0	0	0
<i>Taps</i>	0	1	0	0	0	0	1
<i>Miscellaneous</i>	0	1	4	0	0	1	6
<b>REPAIR #2:</b>							
<i>Repairs</i>	0	2	9	2	1	0	14
<i>New Manholes</i>	0	0	0	0	0	0	0
<i>New Lines</i>	0	0	0	0	0	0	0
<i>Disconnects</i>	0	0	0	0	0	0	0
<i>Taps</i>	0	0	1	0	0	0	1
<i>Miscellaneous</i>	0	2	5	3	0	0	10
<b>REPAIR #3:</b>							
<i>Repairs</i>	0	0	3	3	1	5	12
<i>New Manholes</i>	0	0	0	0	0	0	0
<i>New Lines</i>	0	0	0	0	0	0	0
<i>Disconnects</i>	0	0	0	0	0	0	0
<i>Taps</i>	0	0	0	0	0	0	0
<i>Miscellaneous</i>	0	0	2	0	2	3	7
<b>REPAIR #4:</b>							
<i>Repairs</i>	0	0	3	0	0	0	3
<i>New Manholes</i>	0	0	0	0	0	0	0
<i>New Lines</i>	0	1	0	0	0	0	1
<i>Disconnects</i>	0	1	6	3	0	0	10
<i>Taps</i>	0	0	0	0	0	0	0
<i>Miscellaneous</i>	0	1	0	0	1	1	3
<b>TROUBLE:</b>							
<i># of Ft Cleaned</i>	0	200	216	0	95	0	511
<i>Stop-Ups</i>	1	5	17	5	3	0	31
<i>Private Lines</i>	1	4	10	4	2	0	21
<i>Cave-Ins</i>	0	4	3	0	0	0	7
<i>Flooded Houses</i>	0	0	0	0	0	0	0
<i>Miscellaneous</i>	0	11	19	6	3	7	46
<i>Total Calls</i>	1	20	37	11	6	6	81
<b>VACCON #1:</b>							
<i># of Ft Cleaned</i>	208	359	2,951	804	238	33,027	37,587
<b>VACCON #2:</b>							
<i># of Ft Cleaned</i>	19,460	35	3,840	3,744	21,960	0	49,039
<b>VACCON #3:</b>							
<i># of Ft Cleaned</i>	0	0	45,189	0	0	0	45,189
<b>VACCON #4:</b>							
<i># of Ft Cleaned</i>	0	0	927	0	0	0	927
<b>VACCON #5:</b>							
<i># of Ft Cleaned</i>	0	366	5,842	22,845	476	0	29,529
<b>T V #1</b>							
<i># of Ft</i>	0	838	577	400	0	12,720	14,535
<b>T V #2</b>							
<i># of Ft</i>	2,580	0	14,766	414	0	1,903	19,663

# North Little Rock Wastewater

## North Little Rock, AR

Annual Overflows and Rainfall



Period considered: January 1, 2008  
thru Apr 30, 2017

Note: 2009 Rainfall Year to Date  
(12/7/09) ranks as the highest on record.  
(per National Weather Service, NLR Office)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
<b>Faulkner Lake Basin</b>														
Rainfall	69.5	42.5	58.5	56.3	61.8	77.5	41.5	76.5	45.46	62.8	54.2	70.07	61.6	22.7
Overflows	54	59	54	64	47	38	42	61	63	36	21	27	19	5
<b>White Oak Basin</b>														
Rainfall	129.9	82.4	89	53.7	60.1	77	44.2	68.6	46.56	50.75	44	68.7	51.2	18.7
Overflows	11	26	33	37	32	35	32	45	25	13	9	21	9	2
<b>Five Mile Creek Basin</b>														
Rainfall	62.3	42.6	53.2	48.8	55.9	70.4	35	60.4	41.15	52.4	46.6	66.5	49.5	19.3
Overflows	24	16	25	18	14	16	23	16	12	14	15	5	5	4
<b>Maumelle Basin</b>														
Rainfall													41.1	20
Overflows													4	1
<b>Entire System</b>														
Rainfall	57.79	37.83	49.78	49.05	51.93	79.61	42.04	62.98	44.42	53.45	47.15	65.36	52.37	18.9
Overflows	89	101	112	119	93	89	97	122	100	63	45	53	36	12

**REHABILITATION FUND  
REPAIR CREW EXPENDITURES FOR THE MONTH  
ENDED APRIL, 2017**

<b>EXPENDITURES FOR LINE REHABILITATION-REPAIR CREWS</b>	<b><u>\$ 53,591.60</u></b>
<b>REFUND DUE TO SEWER FUND</b>	<b><u>\$53,591.60</u></b>

**REHABILITATION REPORT-REPAIR CREWS  
FOR THE MONTH ENDED APRIL 30, 2017**

<u>LOCATION</u>	<u>TOTAL</u>	<u>LABOR</u>	<u>MATERIALS</u>	<u>EQUIPMENT</u>	<u>OUTSIDE WORK</u>
<b>WARD #0 LINES</b>					
MISCELLANEOUS	\$ 1,522.79	\$ 741.31	\$ 429.48	\$ 352.00	\$ -
<b>TOTAL WARD #0 LINES</b>	<b>\$ 1,522.79</b>	<b>\$ 741.31</b>	<b>\$ 429.48</b>	<b>\$ 352.00</b>	<b>\$ -</b>
<b>WARD #1 LINES</b>					
MISCELLANEOUS	\$ 6,214.63	\$ 3,453.08	\$ 821.92	\$ 1,639.63	\$ 300.00
<b>TOTAL WARD #1 LINES</b>	<b>\$ 6,214.63</b>	<b>\$ 3,453.08</b>	<b>\$ 821.92</b>	<b>\$ 1,639.63</b>	<b>\$ 300.00</b>
<b>WARD #2 LINES</b>					
MISCELLANEOUS	\$ 26,315.00	\$ 13,095.03	\$ 6,055.88	\$ 6,217.91	\$ 946.18
<b>TOTAL WARD #2 LINES</b>	<b>\$ 26,315.00</b>	<b>\$ 13,095.03</b>	<b>\$ 6,055.88</b>	<b>\$ 6,217.91</b>	<b>\$ 946.18</b>
<b>WARD #3 LINES</b>					
MISCELLANEOUS	\$ 6,153.23	\$ 3,465.14	\$ 1,042.74	\$ 1,645.35	\$ -
NONA STREET-R12-02	\$ 60.37	\$ -	\$ -	\$ -	\$ 60.37
<b>TOTAL WARD #3 LINES</b>	<b>\$ 6,213.60</b>	<b>\$ 3,465.14</b>	<b>\$ 1,042.74</b>	<b>\$ 1,645.35</b>	<b>\$ 60.37</b>
<b>WARD #4 LINES</b>					
MISCELLANEOUS	\$ 5,345.68	\$ 2,005.66	\$ 1,787.67	\$ 952.35	\$ 600.00
<b>TOTAL WARD #4 LINES</b>	<b>\$ 5,345.68</b>	<b>\$ 2,005.66</b>	<b>\$ 1,787.67</b>	<b>\$ 952.35</b>	<b>\$ 600.00</b>
<b>WARD #5 LINES</b>					
MISCELLANEOUS	\$ 7,979.90	\$ 4,099.98	\$ 1,398.75	\$ 1,946.80	\$ 534.37
<b>TOTAL WARD #5 LINES</b>	<b>\$ 7,979.90</b>	<b>\$ 4,099.98</b>	<b>\$ 1,398.75</b>	<b>\$ 1,946.80</b>	<b>\$ 534.37</b>
<b>TOTAL ALL WARDS</b>	<b>\$ 53,591.60</b>	<b>\$ 26,860.20</b>	<b>\$ 11,536.44</b>	<b>\$ 12,754.04</b>	<b>\$ 2,440.92</b>



## AGENDA FOR NORTH LITTLE ROCK WASTEWATER TREATMENT COMMITTEE MEETING

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**RE:** Committee Meeting  
**PLACE:** Faulkner Lake Treatment Plant  
7400 Baucum Pike, North Little Rock, Arkansas 72117  
**DATE:** May 9, 2017  
**TIME:** 12:15 PM

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- (1) APPROVAL OF THE MINUTES OF THE APRIL 11, 2017 MEETING
- (2) CASH DISBURSEMENTS FOR APRIL 2017
- (3) FINANCIAL REPORT FOR APRIL 2017
- (4) 2017 AUXILIARY GENERATORS AND TRANSFER SWITCHES PROJECT
- (5) COMPUTERIZED MAINTENANCE MANAGEMENT SYSTEM (CMMS)





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(1)

**NEW BUSINESS**

**ACTION REQUESTED:**

Approval of the Minutes of the April 11, 2017 Committee Meeting



# **NORTH LITTLE ROCK WASTEWATER TREATMENT COMMITTEE**

## **MINUTES OF A MEETING HELD TUESDAY, APRIL 11, 2017**

A meeting of the North Little Rock Wastewater Treatment Committee was held on Tuesday, April 11, 2017 at the administrative offices located at the Faulkner Lake Treatment Plant.

The meeting was called to order by Chairman Matthews at approximately 12:13 p.m. Those in attendance at the meeting were Mr. K.W. Matthews, Mr. Sylvester Smith, Mr. Ed Nelson and Ms. Karen Bryant, and in addition, Mr. Jack Stowe, representative from the City of Maumelle. Also in attendance were Mr. Marc Wilkins, Director, Ms. Gina Briley, Mr. Charles Frost, Mr. Ronnie Thompson, Mr. Michael Clayton, Mr. Lyle Leubner, Ms. Shannon Wayson, Mr. Mark Halter with Hilburn, Calhoun, Harper, Pruniski & Calhoun, Ltd. and Dawn Harmon.

First, the Committee reviewed the minutes of its March 14, 2017 meeting. After review, a motion was made by Mr. Nelson, seconded by Ms. Bryant, to approve the minutes of the March 14, 2017 meeting as submitted. The motion carried unanimously.

Next, the Committee reviewed the cash disbursements for March 2017. There being no questions or comments, a motion was made by Ms. Bryant, seconded by Mr. Nelson, to approve the cash disbursements for March 2017 reflecting total cash disbursements of \$2,483,337.33 and transfers between accounts of \$1,317,189.38. The motion carried unanimously.

Upon motion made by Mr. Nelson, seconded by Ms. Bryant, the Committee unanimously approved the Financial Statement for March 2017.

Ms. Shannon Wayson, a chemist with the Utility, then presented to the Committee members research conducted on a Computerized Maintenance Management System (CMMS). According to Wikipedia, a computerized maintenance management system is a software package that maintains a computer database of information about an organization's maintenance operations. CMMS helps keep a record of assets, helps schedule and track maintenance tasks and helps keep a historical record of the work performed. The Utility would use such a system to track work orders, schedule tasks, track external work requests, record asset history, manage inventory and audit and certification of an asset's maintenance history. Ms. Wayson described a few instances where this system would have saved the Utility time and money. Sometimes, the current method of relying on memory

can easily fail and the staff recognizes that recovering the documentation of field activities and evaluating performance and cost effectiveness is difficult and time consuming with the current system. The following four (4) companies provided a demonstration and question and answer session for the staff:

1. Lucity
2. CityWorks
3. MobileMMS
4. Brown Engineering

Based on demonstrations, the staff has determined that CityWorks is the best fit for the Utility. The thing that set this vendor and CMMS apart from the others was True North's familiarity with CityWorks, ESRI and the Cues Granite XP technologies along with the ability to integrate and leverage CCTV inspection information into data useful in R&R decision making. After further discussion and a review of the pricing, Mr. Smith stated that he felt the implementation costs seemed high. He asked the Committee to table this matter for further review of costs. Additionally, he stated he would provide Mr. Wilkins with the name and telephone number of the gentleman that over sees computer/software purchases for the State of Arkansas.

EGP, PLLC has completed the audit for the year ended December 31, 2016. Ms. Lindsey Baker was present at the meeting to present the audit findings and answer any questions. The Utility follows Government Accounting Standards Board (GASB") Statement No. 62, *Codification of Accounting and Financial Reporting Guidance Contained in Pre-November 30, 1989 FASB and AICPA Pronouncements*. Under these guidelines, the purchase of Maumelle Water Management wastewater facilities is treated as a merger. This merger increased the Utility customer base by approximately 7,530 customers. As in past years, this was another good clean audit and Ms. Baker thanked Ms. Briley, Mr. Wilkins and members of the staff for their cooperation and good work. After a brief discussion, a motion was made by Mr. Smith, seconded by Mr. Nelson, to approve the 2016 Audit Report and authorize distribution of same. The motion carried unanimously.

Mr. Wilkins then explained that existing customers in the building Southeast of the intersection of East 4<sup>th</sup> Street and Poplar Street are served by a 4-inch clay main that extends from the South side of Broadway. There have been multiple stoppages in the line segment over the past year, and the staff has struggled to find a suitable rehabilitation method. The 4-inch main is too small to line internally and too shallow to pipe burst or replace with a larger line. A proposed development North of East 4<sup>th</sup> Street presents an option to improve service to these existing

customers at 4<sup>th</sup> and Poplar. By deepening and extending the sewerage improvements for the new development, service to the existing customers can be routed to the new line. Costs to deepen and extend the main are projected to be \$36,200 which would be the responsibility of the Utility. After further discussion, a motion was made by Mr. Smith, seconded by Ms. Bryant, to authorize the Utility to contribute approximately \$36,200 to the cost of extending a new 10-inch gravity sewer main to relieve service problems to existing customers at 4<sup>th</sup> and Poplar Streets. The motion carried unanimously.

The Collections Systems Department has requested to purchase two (2) vehicles from the State contract to replace current unit #21 and unit #82. The specifics on these two (2) vehicles is as follows:

	<u>Unit No. 21</u>	<u>Unit No. 82</u>
Year Model	1994 GMC CB	2006 Chevrolet C1500
Used By	Manhole Crew	Assistant Supervisor
Mileage	109,699	118,275
Replace By	Ford F-350	Ford F-150
State Contract Cost	\$24,488	\$22,471
2017 Budget Amount	\$30,000	\$25,000

It was noted that both of the older units will be kept for use as spare vehicles. A motion was then made by Ms. Bryant, seconded by Mr. Nelson, to authorize the staff to purchase the replacement vehicles off the State contract. The motion carried unanimously.

Mr. Wilkins then explained that the Five Mile Creek WTP is an equivalent to secondary treatment process which includes bar screens, aerated primary lagoons and a partial mix, aerated/facultative lagoon. There are eight (8) 25 HP floating aerators in the aerated lagoons, four (4) in each lagoon. The staff has received bids to replace the eight (8) units which were installed in 1987. The low bid was received from Evoqua Water Technologies, LLC of Waukesha, Wisconsin in the amount of \$38,600.00. A motion was made by Mr. Nelson, seconded by Ms. Bryant, to authorize the staff to purchase eight (8) 25 HP aerators from Evoqua Waster Technologies, LLC in the amount of \$38,600.00. The motion carried unanimously.

The Committee then discussed the Waste Management Service Agreement. The solid waste and biosolids disposal agreement with Waste Management of Arkansas, Inc. (Waste Management) expired January 31, 2016 and was extended for one (1) year. The staff has been in negotiations with Waste Management and has received the terms for a new 3-year agreement. Based on current usage, the new rates will result in a \$16,587 savings for the first year. Years two and three will be subject to an increase not to exceed five percent (5%) per year. The costs for solid waste hauling in 2016 were:

Biosolids	\$205,900
Dumpsters	<u>\$ 37,800</u>

Total including taxes and surcharges **\$243,700**

A motion was made by Mr. Nelson, seconded by Ms. Bryant, to authorize the staff to enter into a 3-year service agreement with Waste Management of Arkansas, Inc. subject to review of the agreement by Hilburn, Calhoun, Harper, Pruniski & Calhoun, Ltd. The motion carried unanimously.

A motion was made by Mr. Smith, seconded by Ms. Bryant, to excuse the absence of Mr. McGlothlin from the meeting. The motion carried unanimously.

There being no further action to come before the Committee, a motion was made by Mr. Nelson to adjourn the meeting. The motion carried unanimously, and the meeting was adjourned at approximately 1:07 p.m.

APPROVED AS TO FORM:

RESPECTFULLY SUBMITTED,

K. W. MATTHEWS, CHAIRMAN

SYLVESTER SMITH,  
VICE-CHAIRMAN/SECRETARY

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(2)

**CASH DISBURSEMENTS FOR APRIL 2017**

**ACTION REQUESTED:**

Approval of the Cash Disbursements for April 2017 showing total  
Cash Disbursements of **\$1,743,449.48** and  
Fund Transfers between accounts of **\$1,132,666.67**.



**NORTH LITTLE ROCK WASTEWATER  
CASH DISBURSEMENTS  
APRIL 30, 2017**

CK #	CHECK PAYABLE TO	AMOUNT	DESCRIPTION
41101	Ameriprise Financial Services	\$ 95.00	Employee Contributions, Pay Period Ending 4/2/2017
41102	United Way	\$ 66.00	Employee Charitable Contributions, Pay Period Ending 4/2/2017
41103	Willis, James & Marian	\$ 284.09	Garnishment of Employee Wage Pay Period Ending 4/2/2017
41104	OCSE Clearinghouse SDU	\$ 632.66	Employee Payment of Child Support Pay Period Ending 4/2/2017
NAT-07	Nationwide Retirement Solutions	\$ 3,402.08	Retirement Contributions Pay Period Ending 4/2/2017
AFC-07	Arkansas Federal Credit Union	\$ 6,675.31	Employee Deposits Pay Period Ending 4/2/2017
PR-07	Payroll Tax Deposit	\$ 41,117.97	Payroll Taxes Pay Period Ending 4/2/2017
41105	Applied Industrial Technologies	\$ 70.47	Belts for Pump Maint Shop Air Compressor
41106	AT & T	\$ 1,150.17	Monthly Service 3/19/17 - 4/18/17 Faulkner Lake Treatment Plant
41107	Battery Outfitters	\$ 350.57	Batteries for Faulkner Lake Generator #2 and Dell Laptop Coll Sys
41108	Cabot Florist, Inc.	\$ 159.96	Employee Birth Gift Basket and Employee Family Member Sympathy Arrangement
41109	Capitol Equipment	\$ 5,178.00	Repair Backhoe; Pick up and Delivery - Maumelle Plant
41110	Cerlic Environmental Controls, Inc.	\$ 669.37	Blanket Meter Cable (Sludge Blanket Detector) Faulkner Lake
41111	Cintas Corp. #650	\$ 2,246.79	Bi-weekly Mat Service; Weekly Uniform Service and Monthly detailed cleaning of restroom in collection systems building
41112	Cranford Construction Co.	\$ 1,001.68	Asphalt for Various Surface Repairs Wards 1,2.
41113	Crossroads Western Wear	\$ 212.00	Employee OSHA Compliant Safety Shoes for 2 Employees
41114	Crow Burlingame Co.	\$ 5.42	2 Tail Light Miniature Lights
41115	DataMax	\$ 46.36	Monthly Copier Maintenance Engineering & Collections Systems
41116	VOID	\$ -	Should Not Have Paid
41117	Discount Trophies	\$ 380.96	Retirement Clock Plaques - 2 Employees
41118	Dynamic Communities, Inc.	\$ 450.00	Annual Membership Accounting Software Support April 2017 - March 2018
41119	Edward Moody	\$ 106.00	Employee Reimbursement for OSHA Compliant Safety Shoes
41120	Elliott Electric Supply, Inc.	\$ 601.88	Assorted tools & parts related to OmniSite Installation Delta Lawn & for stock
41121	Environmental Process Systems	\$ 58,425.00	5-Mile Creek Lagoon Curtain Replacement; Budget Item Approved 2/14/17
41122	Eureka Gardens Facilities Board	\$ 3,412.80	Debt Fees Collected March Cycle 4
41123	Ferrell Gas	\$ 30.68	Propane for Forklift 8 Gallons
41124	Fisher Scientific	\$ 569.73	Testing Membranes 2 packs of 600 each
41125	Fleet Tire Service	\$ 1,401.53	4 new Bridgestone Back Tires Mounted for Vacon #1
41126	Fuller and Son Maumelle	\$ 92.46	Assorted hardware, lumber, bucket, rake, fluorescent bulbs Maumelle Plant
41127	Gravel Ridge Sewer District #213	\$ 6,511.96	Gravel Ridge Accounts Billed 3/13/17 March Cycle 4 Collections
41128	H. W. Tucker Co., Inc.	\$ 1,748.00	Concrete Repair w/Excavation Ward 3
41129	Harcros Chemicals	\$ 1,307.68	Chlorine Cylinders 4,000 lbs total
41130	HD Supply Waterworks	\$ 296.92	6 Fast Plug Red, Ward 1; 10 Stainless Steel Bands for 24" Pipe, Ward 2
41131	Henard Utility Products	\$ 110.67	6 Pins for bucket of Kubota Trackhoe

**NORTH LITTLE ROCK WASTEWATER  
CASH DISBURSEMENTS  
APRIL 30, 2017**

CK #	CHECK PAYABLE TO	AMOUNT	DESCRIPTION
41132	Hum's Hardware	\$ 1,216.86	Stock and Supplies for Trucks and Repairs March 1 - 29, 2017 (15 Invoices)
41133	Hum's Rental	\$ 4,310.65	Concrete Saw, Blade, Trailer; Excavator & Breaker - Ward 2; Backhoe Maumelle Plant
41134	Huther & Associates, Inc.	\$ 3,850.00	Permit Required Biomonitoring - Faulkner Lake, Maumelle, 5-Mile, White Oak
41135	Interstate Tire	\$ 21.60	Flat Repair - PM#124
41136	Jackson Cleaning Service	\$ 1,204.35	Janitorial Service Month of March - Lab, Coll Systems, Admin
41137	James Green	\$ 42.00	CDL License Renewal - Reimburse Employee
41138	Jeffrey Sand Co.	\$ 157.93	Masonry Sand 18.71 Tons Maumelle
41139	Jeremy Launius	\$ 86.78	Employee Reimbursement for OSHA Compliant Safety Shoes
41140	Jim's Crane Rental Service, Inc.	\$ 920.00	Rental Minimum Time 28 Ton Crane for Aerator Repair Maumelle Plant
41141	Jimmy Don Waddles Hauling, Inc.	\$ 2,760.00	Biosolids Hauling from Maumelle Plant to Two Pines Landfill 12 Loads
41142	Keeling Company	\$ 167.12	Pipe, Cement, Primer, Saw, Coupling - 5-Mi Sump Pump Project
41143	L&L Municipal Supplies & Tools	\$ 843.05	Green Marking Paint, Knee Boots, Hip Boots
41144	Liberty Trailer Co., Inc.	\$ 8.58	Power Rodder Electrical Plug
41145	Little Rock Winwater Company	\$ 5,308.25	540 feet Domestic Soil Pipe
41146	MHC Kenworth	\$ 694.79	Repair Coolant Leak Vacon #3 #109
41147	North Little Rock Airport	\$ 1,897.00	Reimburse for Geotech Engineering Services Paid for by Airport
41148	North Little Rock Electric	\$ 26,810.34	Electric: Maryland E, Maryland Place, Hwy 107, Oakbrook, WO Sec Gate, Pine Tree Pt., Lakewood, Lansbrook, Harris Ind Park, Galloway Maybelline, FL Blower, FL Sludge Lagoon, Shillcutt, FL Act Sludge Proc, FLTP, 3924 Nona, 3812 Nona 3804 Nona, Delta Lawn, Faulkner Crossing, FL Plant Maint Bldg, FL Admin, Dixie, Baucum Ind, Cypress Crossing, Shorter College
41149	O'Reilly Automotive Stores	\$ 256.64	Hose, Bucket, Hydraulic Fluid Maumelle; Alternator & Core, Unit 127; Oil Filters for
41150	Office Depot	\$ 201.53	2 Printer Toners Collection Systems
41151	Panera LLC	\$ 68.48	Committee Meeting Lunches, Tea, Set-ups 3/14/17
41152	Pettus Office Products	\$ 539.31	Office Supplies, Coll Sys, Operations, Admin
41153	Progressive Business Publications	\$ 299.00	Environmental Compliance Alerts Subscriptions Pretreatment
41154	Scott Products, Inc.	\$ 1,125.27	Spray for Faulkner Lake Lagoons
41155	Sewer District #211	\$ 1,253.50	Billed Accounts For 3/3/17 - March Cycle 1 and 4 Collections
41156	Sonny Fulmer	\$ 450.49	Gravel (5 loads) delivered to Faulkner Lake Treatment Plant 3/27 & 3/28/2017
41157	Spa Chemicals	\$ 208.29	Towels & Hand Sanitizer for Operators
41158	Specialized Tire Service	\$ 130.80	Flat Repair on Backhoe - Service Call
41159	Stanley Hardware	\$ 217.76	Plywood Ward 2; Bolts, Pressure Cap, Coupling Ward 3; Gas Can, Garden Hose, Rodent Killer, White Oak
41160	Stuart C. Irby, Co.	\$ 346.57	Heater Element, Maumelle; Parts for OmniSite Installation
41161	Tencarva Machinery Co.	\$ 976.34	Impeller & Seal Assembly for Gorman Rupp PS
41162	The Boot Store on Wheels	\$ 1,725.00	OSHA Compliant Safety Shoes for 13 Employees



**NORTH LITTLE ROCK WASTEWATER  
CASH DISBURSEMENTS  
APRIL 30, 2017**

CK #	CHECK PAYABLE TO	AMOUNT	DESCRIPTION
41163	Tri-State Truck Center	\$ 25.27	Fuel Filter for Mack Volvo#123
41164	Commercial Billing Service (Truck Centers of Arkansas)	\$ 221.88	#109 Vacon #3 -Repairs, Labor & Software
41165	Utility Billing Services	\$ 166.25	Water Bills: Shillcutt PS, White Oak Heilman, 5-Mi, Oakbrook, Shorter College, Dixie, Delta Lawn, White Oak
41166	Wholesale Electric Supply	\$ 7,815.85	Replacement Lights Lab, Truck Stock, Parts for Faulkner Lake Belt Press and Main Pump Station Lighting, Surge Suppressor for Maumelle Influent PS
41167	Windstream	\$ 61.28	Fax Line - Billing Department
41168	Xylem Dewatering Solutions, Inc	\$ 3,348.09	Rental of Diesel Pump for 3/2 - 3/9, 2017, Maumelle Plant
41169	A-1 Recovery	\$ 190.75	Towing Charge for Unit #109
41170	American Composting, Inc.	\$ 1,274.04	4500 Gallons Grease Removed at Faulkner Lake Plant
41171	Applied Industrial Technologies	\$ 142.17	Parts for Rebuilding Gorman Rupp Pumps
41172	Arkansas Aggregates, Inc.	\$ 1,343.71	Gravel for Stock
41173	Arkansas Democrat Gazette	\$ 1,091.08	Classified & Legal Advertising: Job Postings & Invitation to Bid for FL Blower Refurbishment Project
41174	Arkansas One-Call System, Inc.	\$ 353.70	April Member Fee and March Call Fee
41175	Arkansas Sod & Turf Farm, Inc.	\$ 227.88	Sod Repairs for Wards 0, 1,2,3,4,5
41176	AT&T	\$ 749.92	T1 Line from Baucum to Main and Main to Capital
41177	Boston Mutual Life Insurance	\$ 728.33	Supplemental Insurance Employee Deductions
41178	Capitol Equipment	\$ 81.20	Trackhoe Teeth & Pins KX-71
41179	Centerpoint Energy	\$ 2,885.64	Gas Bills: Maumelle Valley PS, 701 W. 29th, FLTP, FL Lab,
41180	Change Center for Health	\$ 3,251.50	Monthly Wellness Center Contract for May 2017
41181	City of Maumelle	\$ 12,302.92	Franchise Fee collected in March
41182	City of North Little Rock	\$ 87,280.05	Franchise Fee collected in March
41183	Cranford Construction Co.	\$ 2,658.35	Surface Asphalt for Wards 1, 2, 4
41184	Datamax	\$ 93.73	Monthly Maintenance on Copier - Admin
41185	Department of Finance & Administration	\$ 14,076.07	State Tax Withholding for March
41186	Digital Print & Imaging	\$ 181.49	500 3-part HR Forms - Training Roster
41187	Electro Battery	\$ 107.24	Battery for Power Rodder
41188	Entergy	\$ 18,222.75	Electric Bills - Diamond Pt, Durango, Ridgeland, Ridgeland Odom, Masters Pl, Town Center, High School, Palisades, Norfolk, River Run, Maumelle #2, Counts Massie #2, Bouries, CC Ball, Counts Massie #441, Collins Ind, Maranes, Crystal Bay, Maumelle Woods, Bridgeway#2, Hwy 365, White Oak Lagoons, White Oak Bar Scr, White Oak Struct, White Oak TP
41189	Environmental Services Co.	\$ 6,602.60	1st Qtr FLTP Biosolids EPA Required Testing, 1st Qtr water & sludge samples for all plants and Monthly Grab Samples for Faulkner & Five Mile plants
41190	First Electric Cooperative	\$ 115.43	Electric Bills Gap Creek Pump Station
41191	Fisher Scientific	\$ 458.38	Nalgene Bottles for Special Collections-All Plants

**NORTH LITTLE ROCK WASTEWATER  
CASH DISBURSEMENTS  
APRIL 30, 2017**

CK #	CHECK PAYABLE TO	AMOUNT	DESCRIPTION
41192	Graingers	\$ 529.57	Stainless Steel Putty, Structural Pipe Fittings, Toggle Switches& Lamp Holders for Operations, Cable Strippers for Pump Maintenance and LED Undercabinet Lighting for FL Admin
41193	Gravel Ridge Sewer District	\$ 10,304.84	Billed Accounts, March Cycle 5 Collections
41194	Grisham's Exterminating Co.	\$ 434.00	Spray for Termites FL Operations Building
41195	Henard Utility Products	\$ 944.87	Repair on Cues Camera TV#2
41196	Home Depot Credit Services	\$ 550.49	Quikrete for Inventory
41197	Hum's Hardware	\$ 29.57	Tap Screws, Mounting Tape, Anchor Plastic for Time Card Holders
41198	ICM, Inc.	\$ 907.38	Parts to Repair Hoses for all Vaccons
41199	Interstate All Battery Center	\$ 84.55	Battery for Generator Truck # 121
41200	Interstate Tire	\$ 21.60	Flat Repair PM #119
41201	Jimmy Don Waddles Hauling, Inc.	\$ 3,450.00	Biosolids Hauling Maumelle 15 Loads
41202	Joe's Garage & Wrecker Service	\$ 143.53	Remove & Replace Tie Rod Ends Unit #79
41203	Keathley Patterson Electric	\$ 692.61	Relay Cards for PLC at Shillcutt
41204	L&L Municipal Supplies & Tools	\$ 67.27	4 Pairs of Knee Boots
41205	Little Rock Winwater Co.	\$ 2,131.16	Items for Inventory - Adapters, Bends, Wyes, Gaskets, Etc.
41206	Lowes	\$ 1,252.75	Air Conditioners for FL Process Lab and Five Mile, Gasoline Cans & Glue Traps for Operations, Wood for Walk Board at Shillcutt Barscreen, Air Conditioners, Refrigerant, Shop Vac Filter, Scrub Brush for Five Mile, Supplies to Install Admin Door Chime
41207	NLR Welding Supply, Inc.	\$ 196.76	Welding Gases for Pump Maintenance Shop and Monthly Rental of Cylinders at Faulkner, White Oak and Five Mile
41208	Northside Sales Co.	\$ 69.02	24 Pairs of Safety Glasses
41209	OmniSite	\$ 940.28	Wireless 24-Hour Service 3/21/17-12/31/17 Cypress Crossing, Quapaw, Faulkner Crossing, Baucum Industrial
41210	Peterson Concrete Septic Tank	\$ 319.28	Repairs Wards 2 & 5; 3' Regular Cone Section, Concrete Sealant, Grade Rings
41211	Pettus Office Products	\$ 1,642.33	6 Guest Chairs for Offices (Midnight Blue w/Cherry Frame) in Admin and various office supplies
41212	Petty Cash	\$ 345.96	Replenish Petty Cash
41213	Pipe & Tube Supply	\$ 83.00	Stainless Steel Pipe for Pump Station Repair Cock of the Walk
41214	Purvis Industries	\$ 703.97	Motor & Gearbox Faulkner Lake Primary 3
41215	Quality Petroleum Inc.	\$ 209.41	2 Cases of Shell Gadus S5 V100 2 Grease for Vaccons
41216	Regions Corporate Trust	\$ 2,401.00	Rixie Bond Repayment Collected in March
41217	RJN Group, Inc.	\$ 59,404.43	Professional Services Through March 24, 2017 - Approved Committee 2/14/17
41218	S&W Chemical Sales	\$ 780.45	5 cases Nitrile Onyx Gloves for Plant Operators
41219	SCP Science	\$ 1,223.60	COD Tubes for all Plants
41220	Sonny Fulmer Trucking	\$ 1,494.24	Gravel Delivered to Faulkner Lake Treatment Plant, Concrete Repairs, Curb Replacement

**NORTH LITTLE ROCK WASTEWATER  
CASH DISBURSEMENTS  
APRIL 30, 2017**

CK #	CHECK PAYABLE TO	AMOUNT	DESCRIPTION
41221	Stanley Hardware	\$ 29.60	Mortar Hoe w/Handle for Truck #93
41222	T&T Equipment	\$ 404.71	Car Wash Repair at FLTP
41223	Terminix Processing Center	\$ 109.59	Monthly Pest Service - Admin Bldg
41224	Tri-State Truck Center	\$ 2,503.61	Repairs to Units #113 Dump Truck and Unit #123
41225	USA Bluebook	\$ 927.32	Process Control Lab Supplies and Five Mile Old Wetwell Pump Parts
41226	Utility Billing Services	\$ 500.83	Water Bills Faulkner Lake Treatment Plant & Lab
41227	Utility Billing Services	\$ 1,023.60	Water Bills Maumelle Treatment Plant and Murphy Dr Pump Station
41228	Waste Management	\$ 32,662.50	Biosolid Disposal Faulkner Lake Treatment Plant for March
41229	Welsco	\$ 20.22	Cylinder Rental Collections Systems
41230	Wiese	\$ 1,745.89	Parts, Supplies, Labor to Repair Forklift
41231	Ameriprise Financial Services	\$ 95.00	Employee Contributions Pay Period Ending 4/16/17
41232	United Way	\$ 66.00	Employee Charitable Contributions Pay Period Ending 4/16/17
41233	Willis, James & Marian	\$ 284.09	Garnishment of Employee Wages Pay Period Ending 4/16/17
41234	OCSE Clearinghouse SDU	\$ 632.66	Employees Payment of Child Support Pay Period Ending 4/16/2017
NAT-08	Nationwide Retirement Solutions	\$ 3,402.08	Retirement Contributions Pay Period Ending 4/16/2017
AFC-08	Arkansas Federal Credit Union	\$ 6,675.31	Employee Deposits Pay Period Ending 4/16/2017
PR-08	Payroll Tax Deposit	\$ 42,228.71	Payroll Taxes Pay Period Ending 4/16/2017
41235	A-1 Recovery	\$ 189.88	Tow - Remove and Replace Axle Vaccon #3
41236	American Composting, Inc.	\$ 396.37	1400 Gallons Grease Vaccon Removed from Faulkner
41237	Andritz Separation, Inc.	\$ 1,272.00	Paint for Faulkner Lake #2 Belt Press
41238	Applied Industrial Technology	\$ 111.49	Parts for Rebuilding Gorman Rupp Pumps
41239	Arkansas Aggregates, Inc.	\$ 704.45	Gravel for Stock
41240	Arkansas Democrat Gazette	\$ 609.70	Legal Ads - Project Bids - Auxiliary Generators & Transfer Switches, Epoxy Rehab and Faulkner Lake Clarifier Valve
41241	Arkansas Mill Supply Co.	\$ 260.84	10 Piece Wrench Set for Pump Maintenance Truck Tools
41242	Arkansas One-Call System, Inc.	\$ 69.35	March Call Fee Correction - 73 Additional Tickets
41243	AT&T Mobility	\$ 136.19	Monthly Internet for 5-Mile, White Oak, Data Service for Survey Equipment
41244	City of Maumelle	\$ 24.86	Commercial Fire and Police Fees
41245	Consolidated Pipe & Supply	\$ 813.75	Casing for Dewatering Well at Faulkner Plant
41246	Crossroads Western Wear	\$ 106.00	OSHA Compliant Safety Shoes For 1 Employee
41247	EGR, PLLC	\$ 11,000.00	Progress Billing - 2016 Financial Statement Audit
41248	Eureka Gardens Facilities Board	\$ 432.00	Collections for March Cycle 7 Billing
41249	Frank Elder Well Supply	\$ 22,016.00	Dewatering Wells for Faulkner Lake Clarifier Valve Repair Project
41250	Fuelman	\$ 10,890.76	Fuel Purchases for March 2017
41251	Gravel Ridge Sewer District	\$ 455.00	Collections for March Cycle 7 Billing
41252	HD Supply Waterworks	\$ 56.42	Blind Flange and Gasket Kit for Belt Press Faulkner Lake
41253	Interstate Tire	\$ 64.80	Flat Repair on Unit #119
41254	Jimmy Don Waddles Hauling	\$ 1,840.00	Biosolids Hauling Maumelle to Two Pines - 8 Loads

**NORTH LITTLE ROCK WASTEWATER  
CASH DISBURSEMENTS  
APRIL 30, 2017**

CK #	CHECK PAYABLE TO	AMOUNT	DESCRIPTION
41255	Joe's Garage & Wrecker Service	\$ 985.24	Replace Fuel Pump and Crankshaft Oil Seal on Unit #127
41256	Keeling Company	\$ 23.40	Faulkner Lake Chlorine Pump Repair Parts
41257	Kerr Paper & Supply Co.	\$ 747.52	Towels, Wipes, Bags for Treatment Plant and Pump Maintenance
41258	Legal Shield	\$ 139.55	Prepaid Legal Services-Employee Deductions
41259	Mr. First Aid	\$ 1,165.54	First Aid Supplies for Collections, Operations and Pump Maintenance
41260	Nease Electrical Inc.	\$ 50.00	Overpayment of Bid Spec Book - 2017 Auxiliary Generators & Transfer Switches
41261	Northside Sales Co.	\$ 202.91	Windsocks and 18" Reflective Red Cones
41262	Office Depot	\$ 459.94	Toner Ink and Office Chair Engineering
41263	OmniSite	\$ 933.68	Wireless Service with 24-hour Reporting - Harris Industrial, Lansbrook, I-440 Industrial, Delta Lawn for 3/23/17-12/31/17
41264	Pettus Office Products	\$ 119.30	Office Supplies Admin Bldg - Post-It Notes, Electronics Cleaner, Postage Meter Ink, Tissues, Note Pads, Foil, Plastic Forks
41265	Pine Bluff Commercial	\$ 203.50	Annual Publication of 2016 Unaudited Financial Statement
41266	S&W Chemical Sales	\$ 718.06	Fire Ant Killer for All Plants
41267	Scott Automotive Center	\$ 276.62	Repairs to Unit #82 - Brake Pads, Serpentine Belt
41268	Scott Products, Inc.	\$ 864.33	Weed Control Chemicals and Chemical Spray for Lagoons
41269	Sewer District #211	\$ 288.00	Runyan Acres Collections for March Cycle 7 Billing
41270	Spa Chemicals	\$ 376.43	Janitorial Supplies Collections - Pop Up Towels for Operations
41271	T&T Equipment	\$ 135.63	Giant Trigger Gun with 22-inch Wand for PSI Washer
41272	TC Print Solutions	\$ 1,594.63	61,500 Mailers re-Grease to Include with Customer Bills
41273	USA Bluebook	\$ 250.29	Chlorine System Tubing and Gauges
41274	Verizon Wireless	\$ 1,476.07	Monthly Cell Phone Bill
41275	Waste Management	\$ 7,918.29	Biosolids Disposal Maumelle Treatment Plant April 1 - 12
41276	Web Lubrications, Inc./ Jiffy Lube	\$ 167.25	Oil Change & Service Units #88 and #124
41277	Wiese, USA	\$ 174.54	Fork Lift Normal Maintenance
41278	Xtreme Imaging, Inc.	\$ 247.98	Copy & Binding Services - Bid Specs - Baring Cross Basin CIPP and Pipe Bursting Projects
EP-2	Centennial Bank Credit Card	\$ 105.65	Veggie, Fruit & Cheese Trays for Employee Retirement Reception
41279	A-1 Recovery	\$ 102.13	Tow Unit 110 from Sherwood to Scott Automotive
41280	AFLAC	\$ 2,228.00	Supplemental Insurance Employee Deductions
41281	American Composting, Inc.	\$ 849.36	Grease 3000 Gallons - Five-Mile Treatment Plant
41282	Angelo Fiorito	\$ 42.00	Reimburse for Commercial Driver's License Renewal
41283	Arkansas Aggregates, Inc.	\$ 824.48	Gravel Delivered to Faulkner Lake Treatment Plant - 5 Loads
41284	Arkansas Copier Center	\$ 34.42	Monthly Maintenance on Copier - Laboratory
41285	Ashley Massey	\$ 147.50	Per Diem for AW&WEA Conference - Hot Springs 4/30-5/2/17
41286	AT&T	\$ 290.88	Telephone Land Lines at White Oak, Five Mile and FLTP Security Gate
41287	Central Arkansas Water	\$ 39,146.65	Wastewater Billing Fees - North Little Rock and Maumelle
41288	Colonial Life	\$ 432.83	Supplemental Insurance Employee Deductions

**NORTH LITTLE ROCK WASTEWATER  
CASH DISBURSEMENTS  
APRIL 30, 2017**

CK #	CHECK PAYABLE TO	AMOUNT	DESCRIPTION
41289	Control Worx	\$ 887.77	Chlorine System Rebuild Kits - FLTP, Five Mile, White Oak
41290	Darrell R. Sansom	\$ 3,000.00	Computer Trouble Shooting and Consulting - April, 2017
41291	DoorKing, Inc.	\$ 75.06	Annual Subscription for Remote Access (April 2017 - March 2018)
41292	Drop It Conversions	\$ 1,247.75	Repair Damages to Unit #110 Right Front Fender (Insurance Paid)
41293	Electro Battery	\$ 169.08	Dump Truck #111 - 1 Battery Wet Filled w/Acid
41294	Entergy	\$ 28,894.45	Electric Bills: Clayton Chapel, Austin Lakes, 5-Mi Gate, Marche, Trammel Estates, 5-Mi Influent, 5-Mi North Bldg, 5-Mi South Bldg, 5-Mi Creek#1, Frontier Dr, Rixie PS-Hwy 161, Midstate PS, McAlmonth PS, Chapel Rdge #442, Eureka Judy Lane, Quapaw, Eureka 46th St, Eureka Grdns Road, Hill Lake,
41295	Fleetmatics USA, LLC	\$ 490.00	Vehicle Tracking Service - 14 Units - April, 2017
41296	Goodsell Truck Accessories	\$ 399.13	Tool Box for Truck #130
41297	Grainger	\$ 59.16	Ear Plugs and Dispenser - Pump Maintenance Shop
41298	Gravel Ridge Sewer District 213	\$ 17,147.11	Billed Accounts - Collections, March Cycle 9
41299	Harcros Chemicals	\$ 2,961.00	Chlorine Cylinders, Sulfur Dioxide Cylinders
41300	HD Supply Waterworks	\$ 282.14	Ferrule Plugs, Brass Cleanout, Fast Plugs, Rescue Utility Blade, Manhole Riser- Repairs Wards 2 & 4
41301	Henard Utility Products	\$ 692.84	Skids for Wart Hog Nozzle- Vaccon #1, Connectors, BNC, Jack, Plugs, Coax - TV#1
41302	Hilburn, Calhoun, Hareper, Pruniski & Calhoun	\$ 2,204.00	Legal Services General Retainer & Special Projects
41303	IMSI Design, LLC	\$ 164.98	Software with Subscription for Omni and SCADA Services - TurboCAD Deluxe Drawing Program
41304	Jimmy Don Waddles Hauling, Inc.	\$ 1,610.00	Biosolids Hauling Maumelle - Two Pines Land Fill - 4/21 - 4/24/17
41305	L&L Municipal Supplies & Tools	\$ 3,681.41	New Honda Concrete Mixer and Green Marking Paint
41306	Municipal Health Benefit Fund	\$ 67,767.50	Health Insurance Premium for May 2017
41307	Municipal H2O.com	\$ 550.00	Risk Management Compliance Program - FLTP, WHITE OAK, 5-MILE - April 2017
41308	North Little Rock Electric	\$ 988.04	Electric Bills - I-440 Industrial Park, Wilcox PS, Faulkner Lake Coll & Engineering Bldg
41309	OmniSite	\$ 715.08	Standard 1-Yr Wireless Service w/24 Hour Reporting - Maybelline, Hill Lake,
41310	PI Roofing & Home Solutions	\$ 12,917.00	Wilcox Pump Stations
41311	PAGIS	\$ 2,966.26	Murphy Drive Pump Station Roof Replacement
41312	Pettus Office Products	\$ 1,523.43	Annual ESRI Software Maintenance 2017-2018
41313	Scott Automotive Center	\$ 373.21	General Office Supplies - Lab Bldg, Admin Bldg, Eng & Coll Bldg
41314	Sewer District #211	\$ 49,399.24	New Water Pump-Power Driver; Replace front and rear Brake Pads, Truck #93
41315	Simplex Grinnell	\$ 100.74	Runyan Acres Collections for March Cycle 9 Billing
41316	Sonny Fulmer Trucking	\$ 300.00	3 Time Card Racks
41317	Spa Chemicals	\$ 192.01	Curb Repair Ward 1 Hand Sanitizer and Waste Bags - Operations

**NORTH LITTLE ROCK WASTEWATER  
CASH DISBURSEMENTS  
APRIL 30, 2017**

CK #	CHECK PAYABLE TO	AMOUNT	DESCRIPTION
41318	Terminix Processing Center	\$ 337.44	Annual Termite Protection for Lab Building
41319	United Hoist & Crane	\$ 1,961.20	Wire Rope Assembly & Labor for 3 Ton Hoist - FLTP Influent PS
41320	Waste Management	\$ 3,151.92	Dumpster Service: Vaccons, Shilcutt PS, White Oak, 5-Mi, Pipeyard, Maumelle, FLTP
41321	Web Lubrications, Inc./ Jiffy Lube	\$ 51.64	Service, Fluids, Oil, Coolant, Car Wash Unit#117
41322	Windstream	\$ 2,544.98	Account #4259536 - Phone & Internet Services-Maumelle
41323	WorkWear	\$ 3,227.08	OSHA Compliant Safety Shoes for Employees
41324	Xtreme Imaging, Inc.	\$ 143.23	Printing, Copying, Binding Bid Specs for Auxiliary Generator Transfer Switch Project
	NET PAYROLL FOR PAY PERIOD ENDED 4/2/17	\$ 106,877.02	PAID TO EMPLOYEES ON 4/4/17
	NET PAYROLL FOR PAY PERIOD ENDED 4/16/17	\$ 108,138.98	PAID TO EMPLOYEES ON 4/18/17
		<b>\$ 1,090,999.98</b>	
	Arkansas Federal Credit Union	\$ 25.00	Monthly Fee for Electronic Deposit of Payroll Deductions
	ADFA-Loan Payments	\$ 301,378.19	Monthly Loan Payments Drafted From Account
	2016 Construction Fund	\$ 351,046.31	Total Disbursement From Account
	<b>TOTAL UTILITY CASH DISBURSEMENTS</b>	<b><u>\$ 1,743,449.48</u></b>	

**NORTH LITTLE ROCK WASTEWATER**  
**CASH DISBURSEMENTS**  
**2016 CONSTRUCTION FUND**  
**APRIL 30, 2017**

CK #	CHECK PAYABLE TO	AMOUNT	DESCRIPTION
1005	Horseshoe Construction	\$184,309.50	Estimate #6 for East Levy Pipe Bursting Project
1006	KAJACS Contractors	\$166,736.81	Estimate #7 for White Oak Interceptor Project
		<u>\$ 351,046.31</u>	

**NORTH LITTLE ROCK WASTEWATER  
FUND TRANSFERS  
APRIL 30, 2017**

<b>DATE</b>	<b>AMOUNT</b>	<b>TO</b>	<b>FROM</b>	<b>DESCRIPTION</b>
4/3/2017	\$ 41,666.67	Rehabilitation	Sewer	Monthly Required Transfer
4/3/2017	\$ 106,800.00	Operating-Payroll	Sewer	Transfer for Pay Period Ended 4/2/17, Paid to Employees on 4/4/17
4/7/2017	\$ 208,600.00	Operating	Sewer	Transfer for Accounts Payable Checks Paid 4/3/17-4/7/17
4/12/2017	\$ 285,700.00	Operating	Sewer	Transfer for Accounts Payable Checks Paid 4/12/17
4/17/2017	\$ 108,100.00	Operating-Payroll	Sewer	Transfer for Pay Period Ended 4/16/17, Paid to Employees on 4/18/17
4/21/2017	\$ 124,500.00	Operating	Sewer	Transfer for Accounts Payable Checks Paid 4/17/17-4/21/17
4/26/2017	\$ 257,300.00	Operating	Sewer	Transfer for Accounts Payable Checks Paid 4/26/17

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**\$ 1,132,666.67**

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**FINANCIAL STATEMENTS FOR APRIL 2017**

**ACTION REQUESTED:**

Approve the Financial Statements for April 2017.



North Little Rock Waste Water  
Balance Sheet  
Sunday, April 30, 2017

ASSETS	
CURRENT ASSETS	
PETTY CASH	\$700.00
CASH IN BANK	\$2,970,595.83
CERTIFICATES OF DEPOSIT	\$2,933,008.54
ADFA HOLDING ACCOUNTS	\$1,572.27
ACCOUNTS RECEIVABLE	\$2,451,960.69
ACCRUED INTEREST RECEIVABLE	\$9,009.81
ON-SITE INVENTORY	\$34,489.88
PREPAID LIABILITY INSURANCE	\$75,264.68
PREPAID WORKERS COMPENSATION INSURANCE	\$69,581.32
OTHER PREPAID EXPENSES	\$48,850.68
TOTAL CURRENT ASSETS	<u>\$8,595,033.70</u>
PROPERTY, PLANT & EQUIPMENT	
LAND	\$3,139,810.46
PUMPING STATION STRUCTURES	\$11,615,705.91
SEWER SYSTEM LINES	\$60,951,315.03
TREATMENT PLANT STRUCTURES	\$77,467,737.74
ADMINISTRATION & MAINT. & ENG. BUILDINGS	\$898,017.66
LABORATORY BUILDING	\$1,241,501.95
SEWER SYSTEM EQUIPMENT	\$10,813,050.43
EST. VALUE OF OLD SEWER LINES	\$5,081,361.47
CONSTRUCTION IN PROGRESS	\$6,337,281.65
ACCUMULATED DEPRECIATION	(\$67,706,017.56)
TOTAL PROPERTY, PLANT & EQUIPMENT	<u>\$109,839,764.74</u>
OTHER ASSETS	
RIXIE OM&R RECEIVABLE	\$176,055.20
DEFERRED OUTFLOWS RELATED TO PENSION	\$1,321,499.00
TOTAL OTHER ASSETS	<u>\$1,497,554.20</u>
TOTAL ASSETS	<u><u>\$119,932,352.64</u></u>

North Little Rock Waste Water  
Balance Sheet  
Sunday, April 30, 2017

LIABILITIES	
CURRENT LIABILITIES	
ACCOUNTS PAYABLE	\$150,540.60
OWED TO OTHER DISTRICTS	\$92,081.09
FRANCHISE FEE PAYABLE	\$139,112.93
PAYABLE TO RIXIE	\$1,592.50
PAYABLE TO EUREKA GARDENS	\$3,888.00
ACCRUED SICK LEAVE	\$417,872.53
ACCRUED VACATION LEAVE	\$223,263.26
ACCRUED EMPLOYEE BENEFITS	(\$2,815.90)
ACCRUED INTEREST PAYABLE	\$93,626.32
ACCRUED PENSION PLAN CONTRIBUTION	\$235,100.00
TOTAL CURRENT LIABILITIES	<u>\$1,354,261.33</u>
OTHER LIABILITIES	
BONDS PAYABLE-SERIES "A"	\$477,030.95
BONDS PAYABLE-SERIES "B"	\$272,621.15
BONDS PAYABLE-SERIES 2001	\$4,251,087.48
BONDS PAYABLE-SERIES 2008	\$10,877,630.79
BONDS PAYABLE-SERIES 2012	\$19,761,092.00
BONDS PAYABLE-SERIES 2016	1,575,854.00
RESERVE FOR BIO-SOILD DISPOSAL	\$1,210,000.00
OPEB OBLIGATION-GASB 45	\$148,771.00
NET PENSION LIABILITY	\$2,387,875.00
DEFERRED INFLOWS RELATED TO PENSIONS	\$576,667.00
TOTAL OTHER LIABILITIES	<u>\$41,538,629.37</u>
EQUITY	
CONTRIBUTED CAPITAL	\$30,110,329.51
DONATED CAPITAL	\$17,727,878.80
RETAINED EARNINGS	\$27,683,654.10
CURRENT YEAR NET INCOME / (LOSS)	\$1,517,599.53
TOTAL EQUITY	<u>\$77,039,461.94</u>
TOTAL LIABILITIES & EQUITY	<u>\$119,932,352.64</u>

North Little Rock Waste Water  
Income Statement

For the Four Months Ending Sunday, April 30, 2017

	YEAR TO DATE BUDGET	YEAR TO DATE 2017	YEAR TO DATE 2016
REVENUE			
OPERATING REVENUE			
INSIDE NLR SERVICE CHARGES	\$3,993,600.00	\$3,886,519.26	\$3,623,243.77
OUTSIDE NLR SERVICE CHARGES	\$865,100.00	\$863,546.10	\$787,070.56
MAUMELLE SERVICE CHARGES	\$827,000.00	\$902,946.50	\$223,324.66
SHERWOOD TREATMENT CHARGES	\$117,600.00	\$112,976.00	\$163,976.00
CUSTOMER SERVICE CHARGES	\$16,800.00	\$16,627.14	\$16,708.81
SERVICE CHARGE REFUND	\$0.00	\$0.00	(\$12,132.12)
INDUSTRY REGULAR CHARGES	\$512,400.00	\$462,996.99	\$384,281.51
INDUSTRY SURCHARGE/PENALTY CHARGES	\$27,600.00	\$122,466.37	\$10,144.55
INDUSTRY LATE FEE CHARGES	\$4,000.00	\$3,982.33	\$1,949.76
LATE FEE CHARGES-RES. & COM.	\$103,600.00	\$108,270.75	\$83,612.12
TIE-ON FEE CHARGES	\$0.00	\$986.81	\$23,009.86
CONNECTION INSPECTION PERMITS	\$10,400.00	\$9,405.00	\$9,060.00
PARTIAL INSPECTION PERMITS	\$0.00	\$45.00	\$45.00
TAP & STREET CUTTING PERMITS	\$2,400.00	\$4,550.00	\$2,800.00
REVIEW PLANS & SPECIFICATIONS	\$1,600.00	\$682.50	\$1,413.36
TOTAL OPERATING REVENUE	\$6,482,100.00	\$6,496,000.75	\$5,318,507.84
NON OPERATING REVENUE			
INTEREST EARNED INCOME-SECURITIES	\$2,000.00	\$5,244.94	\$1,886.26
INTEREST EARNED INCOME-CHECKING	\$1,200.00	\$1,589.10	\$1,554.52
INTEREST EARNED INCOME-NOTES	\$1,600.00	\$1,736.44	\$1,777.15
DISCOUNTS EARNED	\$0.00	\$382.90	\$72.30
MISCELLANEOUS INCOME	\$0.00	\$4,235.00	\$657.70
TOTAL NON-OPERATING REVENUE	\$4,800.00	\$13,188.38	\$5,947.93
TOTAL REVENUE	\$6,486,900.00	\$6,509,189.13	\$5,324,455.77

North Little Rock Waste Water  
Income Statement  
For the Four Months Ending Sunday, April 30, 2017

	YEAR TO DATE BUDGET	YEAR TO DATE 2017	YEAR TO DATE 2016
OPERATING EXPENSES			
WALKING CREW	\$20,400.00	\$5,561.78	\$13,058.81
TROUBLE CREW	\$41,200.00	\$34,186.49	\$45,463.07
MANHOLE CREW	\$40,000.00	\$20,544.40	\$24,876.89
POWER DRIVE CREW	\$29,600.00	\$23,574.25	\$16,266.20
TELEVISION CREW #1	\$38,400.00	\$37,435.87	\$34,864.24
TELEVISION CREW #2	\$38,000.00	\$33,916.68	\$32,490.22
COLLECTION SYSTEMS-GENERAL	\$416,000.00	\$348,001.51	\$362,498.65
REPAIR CREW #1	\$61,600.00	\$50,739.07	\$55,712.81
REPAIR CREW #2	\$67,600.00	\$46,222.42	\$60,380.35
REPAIR CREW #3	\$64,800.00	\$59,189.42	\$62,552.69
REPAIR CREW #4	\$54,800.00	\$41,406.08	\$7,736.44
POWER RODDING CREW #1	\$22,000.00	\$8,631.87	\$3,989.18
VAC-CON CREW #1	\$56,000.00	\$53,202.78	\$43,075.66
VAC-CON CREW #2	\$34,000.00	\$28,063.46	\$48,084.93
VAC-CON CREW #3	\$46,800.00	\$45,022.29	\$43,430.02
VAC-CON CREW #4	\$0.00	\$2,668.61	\$5,651.32
VAC-CON CREW #5	\$37,600.00	\$24,394.04	\$43,781.62
SURVEY CREW	\$23,200.00	\$16,755.90	\$21,500.49
LOCATION WORK	\$16,800.00	\$13,092.75	\$12,971.38
ENGINEERING OFFICE	\$119,600.00	\$70,970.94	\$61,391.15
ENGINEERING-SSES	\$5,600.00	\$781.83	\$2,837.78
GENERAL ENGINEERING DEPT.	\$87,600.00	\$77,553.42	\$65,336.63
PRETREATMENT DEPARTMENT	\$81,600.00	\$69,557.65	\$71,683.89
TREATMENT DEPARTMENT	\$1,558,000.00	\$1,348,736.24	\$1,184,077.75
PUMP STATION DEPARTMENT	\$186,800.00	\$158,071.83	\$172,826.77
BILLING DEPARTMENT	\$257,200.00	\$211,929.27	\$180,740.54
ADMINISTRATIVE	\$346,800.00	\$283,866.33	\$347,731.22
(GAIN) LOSS ON PROPERTY DISPOSALS	\$0.00	\$41,639.25	(\$7,535.00)
DEPRECIATION EXPENSE-NON VEHICLE	\$1,031,600.00	\$1,298,059.88	\$953,716.27
PENSION EXPENSE	\$238,800.00	\$236,257.50	\$217,859.18
EMERGENCY REPAIRS	\$0.00	\$0.00	\$584,866.17
TOTAL OPERATING EXPENSES	\$5,022,400.00	\$4,690,043.81	\$4,773,917.32
NON-OPERATING EXPENSES			
INTEREST ON DEBT-ALL BONDS	\$301,400.00	\$301,545.79	\$288,244.22
TOTAL NON-OPERATING EXPENSES	\$301,400.00	\$301,545.79	\$288,244.22
TOTAL EXPENSES	\$5,323,800.00	\$4,991,589.60	\$5,062,161.54
NET INCOME (LOSS)	\$1,163,100.00	\$1,517,599.53	\$262,294.23

North Little Rock Waste Water  
Income Statement

For the Four Months Ending Sunday, April 30, 2017

	APRIL 2017	YEAR TO DATE 2017	APRIL 2016	YEAR TO DATE 2016
REVENUE				
OPERATING REVENUE				
INSIDE NLR SERVICE CHARGES	\$1,013,705.98	\$3,886,519.26	\$929,112.60	\$3,623,243.77
OUTSIDE NLR SERVICE CHARGES	\$225,464.20	\$863,546.10	\$208,668.36	\$787,070.56
MAUMELLE SERVICE CHARGES	\$212,421.18	\$902,946.50	\$223,324.66	\$223,324.66
SHERWOOD TREATMENT CHARGES	\$28,244.00	\$112,976.00	\$40,994.00	\$163,976.00
CUSTOMER SERVICE CHARGES	\$4,138.70	\$16,627.14	\$4,177.20	\$16,708.81
SERVICE CHARGE REFUND	\$0.00	\$0.00	\$0.00	(\$12,132.12)
INDUSTRY REGULAR CHARGES	\$125,156.56	\$462,996.99	\$130,532.11	\$384,281.51
INDUSTRY SURCHARGE/PENALTY CHARGES	\$21,450.35	\$122,466.37	\$2,700.31	\$10,144.55
INDUSTRY LATE FEE CHARGES	\$875.98	\$3,982.33	\$960.97	\$1,949.76
LATE FEE CHARGES-RES. & COM.	\$28,214.01	\$108,270.75	\$19,274.55	\$83,612.12
TIE-ON FEE CHARGES	\$0.00	\$986.81	\$21,060.00	\$23,009.86
CONNECTION INSPECTION PERMITS	\$2,550.00	\$9,405.00	\$3,545.00	\$9,060.00
PARTIAL INSPECTION PERMITS	\$0.00	\$45.00	\$0.00	\$45.00
TAP & STREET CUTTING PERMITS	\$1,050.00	\$4,550.00	\$700.00	\$2,800.00
REVIEW PLANS & SPECIFICATIONS	\$242.50	\$682.50	\$750.00	\$1,413.36
TOTAL OPERATING REVENUE	\$1,663,513.46	\$6,496,000.75	\$1,583,799.76	\$5,318,507.84
NON OPERATING REVENUE				
INTEREST EARNED INCOME-SECURITIES	\$2,513.39	\$5,244.94	\$1,295.29	\$1,886.26
INTEREST EARNED INCOME-CHECKING	\$521.35	\$1,589.10	\$216.67	\$1,554.52
INTEREST EARNED INCOME-NOTES	\$434.11	\$1,736.44	\$437.20	\$1,777.15
DISCOUNTS EARNED	\$159.39	\$382.90	\$31.83	\$72.30
MISCELLANEOUS INCOME	\$350.00	\$4,235.00	\$357.70	\$657.70
TOTAL NON-OPERATING REVENUE	\$3,978.24	\$13,188.38	\$2,338.69	\$5,947.93
TOTAL REVENUE	\$1,667,491.70	\$6,509,189.13	\$1,586,138.45	\$5,324,455.77

North Little Rock Waste Water  
Income Statement  
For the Four Months Ending Sunday, April 30, 2017

	APRIL 2017	YEAR TO DATE 2017	APRIL 2016	YEAR TO DATE 2016
OPERATING EXPENSES				
WALKING CREW	\$2,804.51	\$5,561.78	\$4,824.03	\$13,058.81
TROUBLE CREW	\$7,061.95	\$34,186.49	\$11,100.23	\$45,463.07
MANHOLE CREW	\$4,742.42	\$20,544.40	\$8,216.76	\$24,876.89
POWER DRIVE CREW	\$6,814.06	\$23,574.25	\$7,102.30	\$16,266.20
TELEVISION CREW #1	\$11,383.09	\$37,435.87	\$9,549.14	\$34,864.24
TELEVISION CREW #2	\$9,506.17	\$33,916.68	\$10,267.07	\$32,490.22
COLLECTION SYSTEMS-GENERAL	\$81,352.58	\$348,001.51	\$102,293.11	\$362,498.65
REPAIR CREW #1	\$15,508.55	\$50,739.07	\$12,466.47	\$55,712.81
REPAIR CREW #2	\$10,460.47	\$46,222.42	\$15,345.89	\$60,380.35
REPAIR CREW #3	\$16,133.32	\$59,189.42	\$16,388.15	\$62,552.69
REPAIR CREW #4	\$12,619.39	\$41,406.08	\$5,053.35	\$7,736.44
POWER RODDING CREW #1	\$3,065.74	\$8,631.87	\$2,887.15	\$3,989.18
VAC-CON CREW #1	\$14,625.92	\$53,202.78	\$12,448.70	\$43,075.66
VAC-CON CREW #2	\$6,120.52	\$28,063.46	\$11,751.37	\$48,084.93
VAC-CON CREW #3	\$11,320.29	\$45,022.29	\$11,423.36	\$43,430.02
VAC-CON CREW #4	\$372.89	\$2,668.61	\$3,007.92	\$5,651.32
VAC-CON CREW #5	\$7,236.64	\$24,394.04	\$11,511.32	\$43,781.62
SURVEY CREW	\$3,497.02	\$16,755.90	\$6,613.15	\$21,500.49
LOCATION WORK	\$3,548.11	\$13,092.75	\$3,811.81	\$12,971.38
ENGINEERING OFFICE	\$22,399.53	\$70,970.94	\$18,212.21	\$61,391.15
ENGINEERING-SSES	\$0.00	\$791.83	\$1,527.70	\$2,837.78
GENERAL ENGINEERING DEPT.	\$19,016.56	\$77,553.42	\$16,809.10	\$65,336.63
PRETREATMENT DEPARTMENT	\$18,756.89	\$69,557.65	\$19,988.66	\$71,683.89
TREATMENT DEPARTMENT	\$368,080.34	\$1,348,736.24	\$372,777.01	\$1,184,077.75
PUMP STATION DEPARTMENT	\$38,415.38	\$158,071.83	\$55,845.20	\$172,826.77
BILLING DEPARTMENT	\$55,191.42	\$211,929.27	\$48,026.43	\$180,740.54
ADMINISTRATIVE	\$75,285.29	\$283,866.33	\$106,317.50	\$347,731.22
(GAIN) LOSS ON PROPERTY DISPOSALS	\$0.00	\$41,639.25	(\$7,535.00)	(\$7,535.00)
DEPRECIATION EXPENSE-NON VEHICLE	\$326,010.26	\$1,298,059.88	\$240,681.68	\$953,716.27
PENSION EXPENSE	\$58,775.00	\$236,257.50	\$54,166.67	\$217,859.18
EMERGENCY REPAIRS	\$0.00	\$0.00	\$241,289.21	\$584,866.17
TOTAL OPERATING EXPENSES	\$1,210,114.31	\$4,690,043.81	\$1,434,167.65	\$4,773,917.32
NON-OPERATING EXPENSES				
INTEREST ON DEBT-ALL BONDS	\$75,057.85	\$301,545.79	\$71,576.30	\$288,244.22
TOTAL NON-OPERATING EXPENSES	\$75,057.85	\$301,545.79	\$71,576.30	\$288,244.22
TOTAL EXPENSES	\$1,285,172.16	\$4,991,589.60	\$1,505,743.95	\$5,062,161.54
NET INCOME (LOSS)	\$382,319.54	\$1,517,599.53	\$80,394.50	\$262,294.23

North Little Rock Waste Water  
Income Statement  
For the Four Months Ending

	APRIL 2017	APRIL 2016	APRIL 2015	APRIL 2014	APRIL 2013	APRIL 2012
REVENUE						
OPERATING REVENUE						
INSIDE NLR SERVICE CHARGES	\$3,886,519.26	\$3,623,243.77	\$3,463,828.52	\$3,386,091.26	\$3,025,048.92	\$2,471,875.53
OUTSIDE NLR SERVICE CHARGES	\$863,546.10	\$787,070.56	\$747,163.16	\$722,629.82	\$652,388.10	\$520,155.11
MAUMELLE SERVICE CHARGES	\$902,946.50	\$223,324.66	\$0.00	\$0.00	\$0.00	\$0.00
SHERWOOD TREATMENT CHARGES	\$112,976.00	\$163,976.00	\$132,932.00	\$112,444.00	\$110,332.00	\$111,152.00
CUSTOMER SERVICE CHARGES	\$16,627.14	\$16,708.81	\$16,506.76	\$16,129.71	\$15,797.60	\$15,510.32
SERVICE CHARGE REFUND	\$0.00	(\$12,132.12)	(\$5,466.90)	\$0.00	\$0.00	\$0.00
INDUSTRY REGULAR CHARGES	\$462,996.99	\$384,281.51	\$291,418.40	\$309,712.88	\$301,215.57	\$241,432.08
INDUSTRY SURCHARGE/PENALTY CHARGES	\$122,466.37	\$10,144.55	\$27,707.20	\$50,733.29	\$44,297.68	\$60,114.73
INDUSTRY LATE FEE CHARGES	\$3,982.33	\$1,949.76	\$5,847.85	\$6,102.95	\$9,292.72	\$4,306.43
LATE FEE CHARGES-RES. & COM.	\$108,270.75	\$83,612.12	\$89,358.74	\$96,863.87	\$60,695.95	\$70,918.52
TIE-ON FEE CHARGES	\$986.81	\$23,009.86	\$2,701.87	\$7,806.20	\$705.72	\$1,334.64
CONNECTION INSPECTION PERMITS	\$9,405.00	\$9,060.00	\$8,980.00	\$10,775.00	\$6,835.00	\$8,355.00
PARTIAL INSPECTION PERMITS	\$45.00	\$45.00	\$225.00	\$0.00	\$135.00	\$0.00
TAP & STREET CUTTING PERMITS	\$4,550.00	\$2,800.00	\$2,450.00	\$3,150.00	\$3,500.00	\$5,250.00
REVIEW PLANS & SPECIFICATIONS	\$682.50	\$1,413.36	\$176.03	\$1,500.00	\$221.30	\$0.00
TOTAL OPERATING REVENUE	\$6,496,000.75	\$5,318,507.84	\$4,783,828.63	\$4,723,938.95	\$4,250,465.56	\$3,510,404.36
NON OPERATING REVENUE						
INTEREST EARNED INCOME-SECURITIES	\$5,244.94	\$1,886.26	\$4,713.42	\$3,559.68	\$4,341.19	\$6,520.43
INTEREST EARNED INCOME-CHECKING	\$1,589.10	\$1,554.52	\$1,072.00	\$952.39	\$839.21	\$1,025.49
INTEREST EARNED INCOME-NOTES	\$1,736.44	\$1,777.15	\$1,901.40	\$2,098.56	\$2,514.61	\$2,517.48
DISCOUNTS EARNED	\$382.90	\$72.30	\$56.44	\$94.76	\$54.18	\$68.71
MISCELLANEOUS INCOME	\$4,235.00	\$657.70	\$1,503.20	\$10,949.19	\$48.30	\$0.00
FEMA REIMBURSEMENTS	\$0.00	\$0.00	\$0.00	\$0.00	\$5,564.15	(\$19,352.37)
TOTAL NON-OPERATING REVENUE	\$13,188.38	\$5,947.93	\$9,246.46	\$17,654.58	\$13,361.64	(\$9,220.26)
TOTAL REVENUE	\$6,509,189.13	\$5,324,455.77	\$4,793,075.09	\$4,741,593.56	\$4,263,827.20	\$3,501,184.10



North Little Rock Waste Water  
Income Statement  
For the Four Months Ending

	APRIL 2017	APRIL 2016	APRIL 2015	APRIL 2014	APRIL 2013	APRIL 2012
OPERATING EXPENSES						
WALKING CREW	\$5,561.78	\$13,058.81	\$5,711.82	\$0.00	\$2,481.46	\$0.00
TROUBLE CREW	\$34,186.49	\$45,463.07	\$46,998.75	\$43,922.33	\$44,420.58	\$45,901.18
MANHOLE CREW	\$20,544.40	\$24,876.89	\$32,701.37	\$29,711.20	\$6,681.43	\$2,006.34
POWER DRIVE CREW	\$23,574.25	\$16,266.20	\$26,493.19	\$28,952.83	\$32,631.99	\$28,145.92
TELEVISION CREW #1	\$37,435.87	\$34,864.24	\$31,067.76	\$32,085.35	\$19,201.54	\$29,491.85
TELEVISION CREW #2	\$33,916.68	\$32,490.22	\$32,696.55	\$24,655.09	\$33,046.46	\$20,919.07
COLLECTION SYSTEMS-GENERAL	\$348,001.51	\$362,498.65	\$344,558.27	\$301,896.24	\$265,818.46	\$262,922.67
REPAIR CREW #1	\$50,739.07	\$55,712.81	\$59,708.18	\$57,353.12	\$57,409.59	\$49,437.01
REPAIR CREW #2	\$46,222.42	\$60,380.35	\$50,715.86	\$41,206.54	\$46,644.79	\$48,546.65
REPAIR CREW #3	\$59,189.42	\$62,552.69	\$77,240.75	\$97,249.17	\$188,318.02	\$200,920.10
REPAIR CREW #4	\$41,406.08	\$7,736.44	\$0.00	\$0.00	\$0.00	\$0.00
POWER RODDING CREW #1	\$8,631.87	\$3,989.18	\$21,405.08	\$19,469.17	\$7,655.34	\$19,219.75
POWER RODDING CREW #2	\$0.00	\$0.00	\$10,295.51	\$13,382.80	\$7,986.17	\$14,886.80
VAC-CON CREW #1	\$53,202.78	\$43,075.66	\$64,071.57	\$49,566.04	\$53,319.47	\$50,632.39
VAC-CON CREW #2	\$28,063.46	\$48,084.93	\$53,620.80	\$44,392.61	\$43,260.59	\$50,883.22
VAC-CON CREW #3	\$45,022.29	\$43,430.02	\$43,583.98	\$40,906.01	\$41,512.83	\$18,976.86
VAC-CON CREW #4	\$2,668.61	\$5,651.32	\$3,803.36	\$0.00	\$0.00	\$0.00
VAC-CON CREW #5	\$24,394.04	\$43,761.62	\$0.00	\$0.00	\$0.00	\$0.00
SURVEY CREW	\$16,755.90	\$21,500.49	\$16,300.47	\$23,122.98	\$22,268.87	\$22,458.91
LOCATION WORK	\$13,092.75	\$12,971.38	\$12,147.50	\$15,195.09	\$17,594.39	\$14,766.62
ENGINEERING OFFICE	\$70,970.94	\$61,391.15	\$60,052.22	\$57,632.60	\$59,535.56	\$68,595.62
ENGINEERING-SSES	\$791.83	\$2,837.78	\$4,925.17	\$6,385.65	\$6,993.17	\$9,085.10
GENERAL ENGINEERING DEPT.	\$77,553.42	\$65,336.63	\$69,532.43	\$87,849.66	\$88,291.69	\$103,326.05
PRETREATMENT DEPARTMENT	\$69,557.65	\$71,683.89	\$66,336.28	\$67,392.14	\$70,906.08	\$76,484.91
TREATMENT DEPARTMENT	\$1,348,736.24	\$1,184,077.75	\$986,440.66	\$1,150,431.77	\$1,023,399.54	\$1,013,436.62
PUMP STATION DEPARTMENT	\$158,071.83	\$172,826.77	\$107,109.02	\$116,214.84	\$104,312.34	\$100,906.79
BILLING DEPARTMENT	\$211,929.27	\$180,740.54	\$177,292.73	\$176,528.11	\$167,627.84	\$161,545.52
ADMINISTRATIVE	\$283,866.33	\$347,731.22	\$280,402.65	\$281,284.15	\$270,483.01	\$269,120.59
(GAIN) LOSS ON PROPERTY DISPOSALS	\$41,639.25	(\$7,535.00)	\$0.00	\$0.00	(\$9,503.44)	\$4,773.58
DEPRECIATION EXPENSE-NON VEHICLE	\$1,298,059.88	\$953,716.27	\$884,127.84	\$748,065.57	\$750,475.63	\$735,891.22
PENSION EXPENSE	\$236,257.50	\$217,859.18	\$201,162.50	\$167,799.18	\$167,799.18	\$147,744.18
EMERGENCY REPAIRS	\$0.00	\$584,866.17	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL OPERATING EXPENSES	\$4,690,043.81	\$4,773,917.32	\$3,760,502.27	\$3,722,650.24	\$3,590,570.58	\$3,571,025.52
NON-OPERATING EXPENSES						
INTEREST ON DEBT-ALL BONDS	\$301,545.79	\$288,244.22	\$258,699.02	\$190,282.25	\$208,634.18	\$208,098.54
BOND ISSUANCE COSTS-ALL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,445.04
TOTAL NON-OPERATING EXPENSES	\$301,545.79	\$288,244.22	\$258,699.02	\$190,282.25	\$208,634.18	\$214,543.58
TOTAL EXPENSES	\$4,991,589.60	\$5,062,161.54	\$4,019,201.29	\$3,912,932.49	\$3,799,204.76	\$3,785,569.10
NET INCOME (LOSS)	\$1,517,599.53	\$262,294.23	\$773,873.80	\$828,661.07	\$464,622.44	(\$284,385.00)

NORTH LITTLE ROCK WASTE WATER UTILITY  
NET INCOME DIFFERENCE  
AS OF APRIL 30

NET INCOME AS OF 4/30/17	\$ 1,517,600
NET INCOME AS OF 4/30/16	<u>\$ 262,300</u>
DIFFERENCE BETWEEN 2017 AND 2016	<u><u>\$ 1,255,300</u></u>
MAUMELLE SERVICE CHARGES	\$ 752,100 (1)
DECREASE IN EMERGENCY REPAIRS	\$ 584,900 (2)
INCREASE IN NLR SERVICE CHARGES	\$ 345,900 (3)
INCREASE IN DEPRECIATION	\$ (295,100) (4)
INCREASE IN INDUSTRY SURCHARGES	\$ 112,300 (5)
MAUMELLE TREATMENT PLANT LESS LABOR	\$ (85,800) (6)
INCREASE IN LABOR	\$ (69,300) (7)
INCREASE IN LOSS ON PROPERTY DISPOSALS	\$ (49,100) (8)
INCREASE IN SLUDGE DISPOSAL EXCEPT MAUMELLE	\$ (45,200) (9)
DECREASE IN INJURY & DAMAGE EXPENSE	\$ 39,500 (10)
INCREASE IN BILLING SERVICE FEE	\$ (27,700) (11)
NEW REPAIR CREW LESS LABOR & DEPRECIATION	\$ (15,800) (12)
MAUMELLE PUMP STATIONS EXPENSES LESS LABOR	\$ (12,300) (13)
MISCELLANEOUS	\$ 20,900
	<u><u>\$ 1,255,300</u></u>

- (1) WE DID NOT RECORD REVENUE FOR MAUMELLE UNTIL APRIL OF LAST YEAR.
- (2) EMERGENCY REPAIRS FOR FAULKNER LAKE, WATER STREET AND FARMSTEAD RECORDED LAST YEAR.
- (3) INCREASE IN AMOUNT BILLED TO NLR CUSTOMERS DUE TO THE RATE CHANGE WHICH WAS EFFECTIVE WITH THE 2/1/17 BILLINGS.
- (4) INCREASE IN THE AMOUNT OF PROPERTY DEPRECIATED WHICH INCLUDES THE MAUMELLE ASSETS
- (5) THE V.A. HAD A LARGE BOD SURCHARGE AND THE MAUMELLE INDUSTRIES OF CINTAS AND AND KIMBERLY CLARK HAD BOD SURCHARGES THIS YEAR.
- (6) EXPENSES RELATED TO THE MAUMELLE TREATMENT PLANT LESS LABOR COST. WE DID NOT RECORD EXPENSES UNTIL MARCH OF 2016.
- (7) INCREASE IN LABOR COST WHICH INCLUDES THE ADDITION OF EMPLOYEES.
- (8) INCREASE IN PROPERTY WHICH WAS DISPOSED OF WITH STILL A BOOK VALUE.
- (9) INCREASE DUE TO MORE LOADS HAULED THIS YEAR.
- (10) LAST YEAR, WE RECORDED DAMAGES TO RED DOOR GALLERY DUE TO AN OVERFLOW.
- (11) THE AMOUNT WE PAY CENTRAL ARKANSAS WATER IS HIGHER THIS YEAR DUE TO THE MAUMELLE CUSTOMERS.
- (12) EXPENSES RELATED TO A NEW CREW. WE DID NOT START THIS CREW UNTIL MARCH OF 2016.
- (13) EXPENSES RELATED TO THE MAUMELLE PUMP STATIONS ONLY. WE DID NOT RECORD ANY EXPENSES UNTIL MARCH OF 2016.

---

(4)

### 2017 Auxiliary Generators and Transfer Switches

Bids for the 2017 Auxiliary Generators and Transfer Switches were opened Thursday, April 20, 2017 at 10:00 AM, and six (6) bids were received. The project consists of installing seven (7) generators and automatic transfer switches at the following existing pump stations:

- |                  |        |
|------------------|--------|
| • Eureka Garden  | 20 kW  |
| • Seminole West  | 20 kW  |
| • CCA Ballfields | 20 kW  |
| • New Bedford    | 20 kW  |
| • Clayton Chapel | 30 kW  |
| • Gap Creek      | 35 kW  |
| • Seminole East  | 150 kW |

Nease Electrical, Inc., Hot Springs, AR, submitted the low bid in the amount of \$207,572.00. A copy of the Certified Bid Tab is attached for your review.

The 2017 Budget includes \$380,000.00 for this project.

#### **ACTION REQUESTED:**

Authorize staff to enter into a contract with Nease Electrical, Inc. of Hot Springs, AR for the 2017 Auxiliary Generators and Transfer Switches project in the amount of \$207,572.00.



Bid Tabulation Sheet															
2017 Auxiliary Generators and Transfer Switches															
North Little Rock Wastewater Utility															
Bid Opening on April 20, 2017 at 10:00 A.M.															
Page 1 of 1															
Item No.	Description	Units	Quantity	Nease Electrical Unit Price	Amount	VanHooks Electrical Service Unit Price	Amount	Generated Energy Solutions Unit Price	Amount	Hart Electrical & Instrumentation Unit Price	Amount	Lock-Wood Electric Unit Price	Amount	A&A Service Electric, Inc. Unit Price	Amount
1	Eureka Gardens P.S.	L.S.	1	\$ 23,284.00	\$	\$ 27,356.53	\$	\$ 23,981.84	\$	\$ 38,036.00	\$	\$ 25,930.00	\$	\$ 31,600.00	\$
2	Clayton Chapel P.S.	L.S.	1	\$ 24,787.00	\$	\$ 27,355.50	\$	\$ 25,154.49	\$	\$ 39,122.00	\$	\$ 25,930.00	\$	\$ 31,600.00	\$
3	Gap Creek P.S.	L.S.	1	\$ 25,678.00	\$	\$ 28,533.32	\$	\$ 26,069.31	\$	\$ 40,246.00	\$	\$ 26,600.00	\$	\$ 32,200.00	\$
4	Seminole East P.S.	L.S.	1	\$ 60,639.00	\$	\$ 60,654.29	\$	\$ 69,894.88	\$	\$ 86,959.00	\$	\$ 51,610.00	\$	\$ 72,400.00	\$
5	Seminole West P.S.	L.S.	1	\$ 24,384.00	\$	\$ 28,247.54	\$	\$ 24,507.04	\$	\$ 38,681.00	\$	\$ 27,250.00	\$	\$ 31,600.00	\$
6	CCA Ballfields P.S.	L.S.	1	\$ 24,384.00	\$	\$ 28,309.05	\$	\$ 24,538.94	\$	\$ 38,681.00	\$	\$ 27,250.00	\$	\$ 31,600.00	\$
7	New Bedford P.S.	L.S.	1	\$ 24,416.00	\$	\$ 28,375.08	\$	\$ 24,538.94	\$	\$ 38,720.00	\$	\$ 27,250.00	\$	\$ 31,600.00	\$
<b>Totals</b>					\$207,572.00		\$228,831.31		\$218,685.24		\$320,445.00		\$211,820.00		\$262,600.00
<b>Bid Rank</b>					<b>1</b>		<b>4</b>		<b>3</b>		<b>6</b>		<b>2</b>		<b>5</b>
<b>ENGINEER:</b>															
Michael Clayton, P.E.															
North Little Rock Wastewater															
7400 Baucum Pike															
North Little Rock, AR 72117															
I hereby certify that this is a true and correct copy of bids received on April 20, 2017.															
															
Michael B. Clayton, P.E.															
North Little Rock Wastewater															



Highlighted items indicate a discrepancy on bid form

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(5)

### **COMPUTERIZED MAINTENANCE MANAGEMENT SYSTEM (CMMS)**

A computerized maintenance management system (CMMS) is a software package that maintains a computer database of information about an organization's maintenance operations. A CMMS helps keep a record of assets, helps schedule and track maintenance tasks, and helps keep a historical record of the work performed.

Shannon Wayson led our team of supervisors through an evaluation of four software products. Those evaluations and interviews led staff to select the proposal of True North Geographic Technologies, LLC for the implementation of a Cityworks CMMS.

Software and computer consulting costs to implement a Cityworks CMMS are projected to be \$146,550.

The 2017 Budget includes \$100,000 for a CMMS program software and implementation with an additional \$50,000 included for computer hardware.

#### **ACTION REQUESTED:**

Authorize staff to enter into an agreement with True North Geographic Technologies LLC for services and software related to the implementation of a Cityworks CMMS.



Prepared for:  
Shannon Wayson  
North Little Rock Wastewater Utility  
7400 Baucum Pike  
PO Box 17898  
North Little Rock, AR 72117  
501-945-7186

Prepared by:  
True North Geographic Technologies LLC  
119 MTCS Road  
Murfreesboro, TN 37129  
615-890-7728

April 6, 2017

# ***North Little Rock Wastewater Utility***

## **Cityworks Server AMS Implementation**



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# Executive Summary

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Cityworks AMS is a cost-effective, GIS-centric Computerized Maintenance Management System (CMMS) that provides powerful tools for asset management, customer care, and work management. True North Geographic Technologies (True North) has a proven track record of implementing successful Cityworks and GIS solutions that provide clients with real-time visibility into their daily operations resulting in cost-savings across multiple departments.

True North offers North Little Rock Wastewater Utility (NLRWU) a skilled team with over 100 years of collective experience implementing GIS and Cityworks for utilities. Our goal is to create immediate value to NLRWU by leveraging our extensive knowledge of the utility industry and our in-depth experience with both Cityworks and Esri technology.

Our team and its members bring the following collective benefits to NLRWU:

- True North is an Esri Gold Partner
- True North is one of only 19 ArcGIS for Local Government Specialty Partners in the Esri Partner Network;
- True North is an ArcGIS Online Specialty Partner;
- True North is a Cityworks Silver Implementation Partner.





# Company Overview

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True North Geographic Technologies (True North) is focused on creating solutions that help local governments and companies make the transition from manual processes and desktop GIS to enterprise solutions connected to key business systems. True North has a proven track record of successful GIS/IT projects that include integration of enterprise geodatabases, Cityworks, Esri and industry-specific applications. True North provides the services and experience to help organizations attain the business value from their investment in technology. True North's staff is experienced with multiple Web development technologies and can offer strategies for quickly incorporating data from existing line-of-business applications to create custom applications, such as operations management portals and business performance dashboards.

Always an early adopter of new technologies, True North staff have demonstrated an aptitude for finding opportunities to solve problems with the latest tools. We enjoy working interactively with customers who embrace new technologies and move quickly to incorporate them into business processes. In 2010, True North received recognition as **Business Partner of the Year** for the southeast region after building one of the first public-facing ArcGIS Server damage assessment sites that used the new Flex API.

*“True North Geographic is a real testament to the fact that sheer size is not an indicator of the important role that an Esri business partner can perform within a strategic market. It focuses on creating solutions that help small to medium-sized organizations make the transition from desktop GIS to enterprise solutions. The overall client satisfaction has been the trademark characteristic that has catapulted True North to such an important role. Its willingness to work collaboratively and creatively with Esri sales staff has been instrumental in winning many joint sales opportunities including the displacement of competitive technologies. The positive attitude and progressive technology provided by the True North staff have played a significant role not only in selling solutions but also providing the community of users with timely service such as the rapid establishment of a recovery Web site following a devastating tornado. For all its service to Esri and the community in general, we proudly declare True North Geographic Technologies to be our Partner of the Year.” ~ Esri*

True North has long been an advocate of a “configuration-over-customization” approach that seeks to maximize the off-the-shelf functionality of core Esri technologies for any given industry or client. This approach, and the success stories that it generated, led to True North being recognized as one of the first partners to receive the **ArcGIS for Local Government Specialty** designation from Esri.

While knowledge of both the Esri and Cityworks platforms is vital, creating successful clients requires industry-specific business knowledge that translates technology into solutions.

True North successfully provides support to local government customers ranging in populations from 5,000 to over 660,000 and has experience working with utilities, planning, public safety, and public works departments. Our staff is also experienced in working with other business systems within a local government that can integrate with GIS and Cityworks. Our project experience includes work with:

- Customer information systems (CIS)
- Computerized maintenance management systems (CMMS)
- Automated vehicle location (AVL)
- SCADA (electric, gas, and water)
- Flow monitoring (wastewater / stormwater)
- 911 Dispatch
- Weather data systems
- One Call / 811 / Call-Before-You-Dig tickets
- Computer assisted mass appraisal (CAMA)
- Business Intelligence (BI)

#### Corporate Information

True North Geographic Technologies, LLC

119 MTCS Road

Murfreesboro, TN 37129

615.890.7728 p

615.890.7729 f

<http://www.tngeo.com>

Year Incorporated: 2007

Staff: 13 – Full-time

2 – Part-time

Business Affiliations: Esri Gold Partner

Cityworks Silver Implementation Partner

Microsoft Partner

# Scope of Services

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## Scope of Services

The project begins with an on-site project kickoff meeting with the True North project team and NLRWU staff to gather information, review workflows and refine functional requirements. Project requirements, timeline and schedule are further refined. True North will review existing IT solutions, data and system architecture design options with NLRWU IT/GIS staff and recommend a best-practices design.

## Setup Hosted Server Environment

True North will setup the servers required to host Cityworks and Esri technology. This environment includes two 4-core servers with abundant RAM and storage to provide a robust user experience. True North will install ArcGIS Server and Microsoft SQL Express on the GIS server and Cityworks AMS and Microsoft SQL Express on the CMMS server. Security certificates and static IP addresses are included.

This hosted environment approach includes a one-time setup fee and a monthly hosting fee. A 1-year commitment is required. The monthly fee includes up to 5 hours of support per month from True North for server administration. This typically includes performance tuning, routine maintenance and installing software upgrades and patches. Any unused support hours carry over to the next month.

## Monthly Hosting & Support Cost: \$1,250 per month

### Key Assumption:

NLRWU will maintain adequate internet bandwidth to support working with the hosted environment.

## Cityworks Server AMS Implementation

True North will conduct an on-site project kickoff meeting with NLRWU staff to review workflows and collect functional requirements. Upon completion, True North will provide NLRWU a project overview and schedule. Once NLRWU approves the functional requirements, True North will proceed with the Cityworks implementation.

The Cityworks implementation begins with establishing a solid foundation using the assets stored in GIS. True North will migrate NLRWU wastewater GIS layers into Esri's Local Government Information Model (LGIM) schema and load data onto the GIS server. True North will create a simple web application to allow NLRWU staff and engineers to review the accuracy of the GIS data.

The proposed Cityworks Server AMS implementation includes configuring up to 10 work order, 30 service request, and 5 custom inspection types for one domain with up to 5 security groups. This also includes configuring employee, material, equipment lists and basic print templates. Preconfigured reports are available on mycityworks.com. Should the NLRWU desire extensive customized reports, a separate quote will be provided. Should additional work order, service request, and custom inspection types be required, a separate quote will be provided.

This implementation approach specifically includes configuring Cityworks' default templates. True North strongly recommends this approach as it results in a significantly lower cost of implementation and operation.

**Cityworks Implementation Cost: \$31,250**

**Key Assumptions:**

- NLRWU staff will be available for project meetings
- NLRWU staff will review deliverables in agreed upon timeframes
- NLRWU will provide the most current GIS data

**Post-implementation Training, Support and Ad-hoc Services**

During the implementation, True North will be working closely with NLRWU staff to provide Cityworks training and support. While there is significant knowledge transfer during the implementation process, True North recommends clients obtain a minimum of 80 hours of post implementation training. The hours are dedicated to training staff on specific workflows unique to NLRWU.

**Cityworks Post-Implementation Training Cost: \$10,000**

True North recommends clients consider True North's Enterprise GIS Support Block hours for post-implementation enhancements. The hours can be dedicated to integrating enterprise solutions, assisting with Cityworks technical support, mobile projects, application configuration, or other general consulting needs. Additional information regarding True North's Enterprise GIS Support Blocks is provided with this proposal.

**Supplemental Support and Ad-Hoc Services: \$15,300**

# Project Costs

---

This proposal includes pricing for the setup and configuration of the hosted environment and the Cityworks implementation. The Scope of Services section in this document details the project approach with the project implementation cost not to exceed \$76,550. Anticipated software costs are listed below. Project work would begin upon receiving a notice to proceed with payment as outlined below:

- Implementation hours will be billed monthly;
- Hosting fees will be billed quarterly (in advance);
- NLRWU pays Esri and Cityworks directly for all software and annual maintenance costs.

## Project Implementation Cost Summary

<b>Project Item</b>	<b>Cost</b>
Hosting and Support*	\$15,000
Cityworks Server AMS Implementation	\$31,250
Training	\$10,000
Travel	\$5,000
Additional Support & Services	\$15,300
<b>Total</b>	<b>\$76,550</b>

## Project Software Cost Summary

<b>Project Item</b>	<b>Cost</b>
Cityworks ELA*	\$45,000
Esri Small Utility EA*	\$25,000
<b>Total</b>	<b>\$70,000</b>

**Project Implementation and Software Cost: \$146,550**

\* Denotes recurring annual cost for software, hosted servers and support for the CMMS.

### Acceptance

*North Little Rock Wastewater Department accepts the proposal for a Cityworks Server AMS Implementation for \$76,550.00 dated February 27, 2017.*

#### CUSTOMER

**True North Geographic Technologies LLC**

\_\_\_\_\_  
Customer Name

\_\_\_\_\_  
True North Representative

\_\_\_\_\_  
Address 1

\_\_\_\_/\_\_\_\_/\_\_\_\_  
Date

\_\_\_\_\_  
Address 2

\_\_\_\_\_  
City/State/Zip

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Printed Name

\_\_\_\_/\_\_\_\_/\_\_\_\_  
Date



## Esri Software Cost Comparison

### Ad-hoc Software Approach

The tables below provide information on Esri software costs for current software and the new software required to support the CMMS. NLRWR currently pays annual maintenance on the desktop licenses through PAGIS. The new software listed below reflects all discounts available through PAGIS.

#### Year 1

Esri Software Item	Amount
ArcGIS Desktop Advanced (1) Annual Maintenance	\$3,000
ArcGIS Desktop Basic (3) Annual Maintenance	\$1,300
ArcGIS Publisher (1) Annual Maintenance	\$500
ArcGIS Enterprise Standard (1) New License	\$20,000
ArcGIS Online 50-Users (Annual Subscription)	\$23,750
<b>Total</b>	<b>\$48,550</b>

#### Year 2

Esri Software Item	Amount
ArcGIS Desktop Advanced (1) Annual Maintenance	\$3,000
ArcGIS Desktop Basic (3) Annual Maintenance	\$1,300
ArcGIS Publisher (1) Annual Maintenance	\$500
ArcGIS Enterprise Standard (1) Annual Maintenance	\$5,000
ArcGIS Online 50-Users (Annual Subscription)	\$23,750
<b>Total</b>	<b>\$33,550</b>

**3-Year Average Esri Software Cost: \$38,550 per year**

### Small Utility Enterprise Agreement Approach

- Unlimited licenses of Esri's core technology, including Desktop, Server and related extensions.
- Access to any new Esri core technology released by Esri
- Includes ArcGIS Online 50 Level 1 users and 50 Level 2 users.
- Includes all software updates and access to Esri Technical Support

**Cost: \$25,000 per year**

Additional details: <http://www.esri.com/industries/enterprise-agreement>



## Enterprise GIS Support Blocks

GIS Support Blocks are blocks of support hours purchased in advance for customers who do not have a long-term GIS Services Agreement with True North. By purchasing in advance, customers buying support blocks not only save money but also **receive priority scheduling** over customer projects billed on a fixed fee basis. Because support blocks are agreements with no expiration date, there is no risk involved. Support hours can be used as needed without concern over losing the support investment. In addition, for customer convenience, True North will track the usage of support blocks and provide a report documenting hours as they are used.

Listed below are the options for purchasing GIS Support Blocks as of January 1, 2015:

Regular Hourly Rate	Number of Hours	Rate per Hour	Extended Price	Savings
\$150				
	20	\$146.25	\$2,925	\$75
	40	\$142.50	\$5,700	\$300
	80	\$135.00	\$10,800	\$1,200
	120	\$127.50	\$15,300	\$2,700

\* Please Note: Travel time is charged one way. If necessary, overnight travel expenses are charged separately at cost plus 10%.

Blocks do not expire.

**Block Time Use** – Support Block time may include, but is not limited to:

- System Planning - needs assessment, system architecture/design, server sizing, budget planning
- Consulting - RFP development & review, project management
- Server Support - administration, configuration, preventative maintenance, troubleshooting
- ESRI Software Support - installation, configuration, customization, troubleshooting of ESRI desktop and server software applications
- Database Management - geodatabase design, data loading, ETL automation, database tuning
- Application Development - desktop applications, server applications, process automation; code modification/update for existing applications

**Escalated Rates** – When necessary and upon customer approval, True North will upgrade a customer support request to escalated status. This allows the support issue to receive immediate priority over other existing support requests and project work. In the event that escalation requests are received from multiple customers, the requests will be handled in the order received. Time for an escalated request is charged at 1.2 times the standard rate.

**Emergency Rates** – True North reserves the right to charge time at 1.5 times the standard rate for requests for unplanned emergency service during non-business hours.



**Fixed Fee Projects** – In addition to GIS Support Blocks, True North also offers fixed fee billing for projects that require a more predictable expense approach. All Fixed Fee Projects require a Project Manager to build a scope of work for the project. Once the scope of work is in place, the project is priced. Time required to build the scope of work for the project may be charged against an existing Support Block or rolled into the fixed cost of the project.

**Acceptance**

*These service rates become effective on receipt of payment for the Service Block requested.*

Initial the Number of Hours Purchased with this agreement:

20\_\_\_\_\_ 40\_\_\_\_\_ 80\_\_\_\_\_ 120\_\_\_\_\_

**CUSTOMER**

**True North Geographic Technologies LLC**

\_\_\_\_\_  
Customer Name

\_\_\_\_\_  
True North Representative

\_\_\_\_\_  
Address 1

\_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_  
Date

\_\_\_\_\_  
Address 2

\_\_\_\_\_  
City/State/Zip

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Printed Name

\_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_  
Date

\_\_\_\_\_  
PO Number (if applicable)