## TREATMENT DEPARTMENT STATUS REPORT

March, 2017
BOD
TSS

| Faulkner Lake | $5.8 \mathrm{mg} / \mathrm{L}(30 \mathrm{Max})$. | $3.9 \mathrm{mg} / \mathrm{L}$ (30 Max.) |
| :--- | :--- | :--- |
| Five Mile | $15.6 \mathrm{mg} / \mathrm{L}(30 \mathrm{Max})$. | $11.0 \mathrm{mg} / \mathrm{L}$ (90 Max.) |
| White Oak | $18.1 \mathrm{mg} / \mathrm{L}(30$ Max.) | $23.8 \mathrm{mg} / \mathrm{L}$ (90 max.) |
| Maumelle | $12.8 \mathrm{mg} / \mathrm{L}(30$ Max. $)$ | $13.1 \mathrm{mg} / \mathrm{L}$ (30 Max.) |

Shannon Wayson Chemist

North Little Rock Wastewater

## 2017 Year-To-Date Work Recap Report

| 2017 Y ear-To-Date Work Recap Report |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Crews: | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Ytd |
| MANHOLE: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Disconnects | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  | 0 |
| Taps | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  | 0 |
| Repairs | 64 | 81 | 98 |  |  |  |  |  |  |  |  |  | 243 |
| \# of MH's Grouted | 30 | 68 | 47 |  |  |  |  |  |  |  |  |  | 145 |
| \#of Coats | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  | 0 |
| MH Depth (FitIn) | 0.0 | ${ }^{6.0}$ | 0.0 |  |  |  |  |  |  |  |  |  | 6 |
| \# of Bags of Grout | 6 | 5 | 10 |  |  |  |  |  |  |  |  |  | 21 |
| POWER DRIVE: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \# of Ft Cleaned | 6,756 | 15,882 | 6,735 |  |  |  |  |  |  |  |  |  | 29,373 |
| PWR RODDER \#1: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \# of Ft Cleaned | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  | 0 |
| REPAIR \#1: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Repairs | 5 | 8 | 15 |  |  |  |  |  |  |  |  |  | 28 |
| New Manholes | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  | I |
| New Lines | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  | 1 |
| Disconnects | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  | 1 |
| Taps | 0 |  | 2 |  |  |  |  |  |  |  |  |  | 2 |
| Miscellaneous | 2 | 4 | 9 |  |  |  |  |  |  |  |  |  | 15 |
| REPAIR \#2: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Repairs | 17 | 15 | 11 |  |  |  |  |  |  |  |  |  | 43 |
| New Manholes | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  | 0 |
| New Lines | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  | 0 |
| Disconnects | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  | 1 |
| Taps | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  | 1 |
| Miscellaneous | 8 | 4 | 3 |  |  |  |  |  |  |  |  |  | 15 |
| REPAIR \#3: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Repairs | 9 | 11 | 11 |  |  |  |  |  |  |  |  |  | 31 |
| New Manholes | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  | 1 |
| New Lines | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  | 0 |
| Disconnects | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  | 1 |
| Taps | 0 | 2 | 2 |  |  |  |  |  |  |  |  |  | 4 |
| Miscellaneous | 0 | 17 | 8 |  |  |  |  |  |  |  |  |  | 25 |
| REPAIR \#4: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Repairs | 4 | 7 | 9 |  |  |  |  |  |  |  |  |  | 20 |
| New Manholes | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  | 0 |
| New Lines | , | 0 | 0 |  |  |  |  |  |  |  |  |  | 0 |
| Disconnects | 25 | 15 | 10 |  |  |  |  |  |  |  |  |  | 50 |
| Taps | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  | 0 |
| TROUBLE: |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \#of Ft Cleaned | 1,801 | 815 | 572 |  |  |  |  |  |  |  |  |  | 3,188 |
| Stop-Ups | 50 | 40 | 47 |  |  |  |  |  |  |  |  |  | 137 |
| Private Lines | 33 | 31 | 33 |  |  |  |  |  |  |  |  |  | 97 |
| ${ }_{\text {Clave-Ins }}$ | 6 | 1 | 3 |  |  |  |  |  |  |  |  |  | 10 |
| Flooded Houses | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  | 0 |
| Miscellaneous | 39 | ${ }_{4}^{43}$ | 48 |  |  |  |  |  |  |  |  |  | 130 |
| Total Calls | 97 | 83 | 99 |  |  |  |  |  |  |  |  |  | 279 |
| VACCON \#1: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| VACCON \#2: |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| VACCON \#3: |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| VACCON \#4: |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \# of Ft Cleaned | 17,567 | 0 | 10,715 |  |  |  |  |  |  |  |  |  | 28,282 |
| VACCON \#5: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \#of Ft Cleaned | 27,671 | 22,319 | 43,157 |  |  |  |  |  |  |  |  |  | 93,147 |
| TV \#1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \# of Ft | 19,511 | 21,420 | 24,657 |  |  |  |  |  |  |  |  |  | 65,588 |
| TV \#2 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \# of Ft | 18,483 | 9,151 | 21,477 |  |  |  |  |  |  |  |  |  | 49,111 |

## NLR Wastewater

Maintenance \& Repair Department Work Recap by Ward

| Crews: | Ward 0 | Ward 1 | Ward 2 | Ward 3 | Ward 4 | Ward 5 | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| MANHOLE: |  |  |  |  |  |  |  |
| Disconnects | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Taps | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Repairs | 2 | 15 | 13 | 6 | 59 | 3 | 98 |
| \# of MH's Grouted | 1 | 8 | 2 | 5 | 29 | 2 | 47 |
| \#of Coats | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MH Depth (Ft/In) | 0.0 | 0.0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 |
| \# of Bags of Grout | 0 | 3 | 2.0 | 0.0 | 3.0 | 2.0 | 10 |
| POWER DRIVE: |  |  |  |  |  |  |  |
| \# of Ft Cleaned | 351 | 873 | 2,499 | 3,012 | 0 | 0 | 6,735 |
| PWR RODDER \#1: |  |  |  |  |  |  |  |
| \# of Ft Cleaned | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| REPAIR \#1: |  |  |  |  |  |  |  |
| Repairs | 0 | 1 | 14 | 0 | 0 | 0 | 15 |
| New Manholes | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Lines | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Disconnects | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| Taps | 0 | 0 | 1 | 0 | 0 | 1 | 2 |
| Miscellaneous | 1 | 2 | 2 | 2 | 2 | 0 | 9 |
| REPAIR \#2: |  |  |  |  |  |  |  |
| Repairs | 0 | 0 | 8 | 3 | 0 | 0 | 11 |
| New Manholes | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Lines | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Disconnects | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Taps | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Miscellaneous | 0 | 0 | 2 | 1 | 0 | 0 | 3 |
| REPAIR \#3: |  |  |  |  |  |  |  |
| Repairs | 1 | 1 | 3 | 3 | 1 | 2 | 11 |
| New Manholes | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Lines | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Disconnects | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Taps | 0 | 0 | 0 | 0 | 0 | 2 | 2 |
| Miscellaneous | 0 | 0 | 3 | 1 | 1 | 3 | 8 |
| REPAIR \#4: |  |  |  |  |  |  |  |
| Repairs | 0 | 2 | 4 | 0 | 0 | 3 | 9 |
| New Manholes | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Lines | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Disconnects | 0 | 1 | 8 | 1 | 0 | 0 | 10 |
| Taps | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Miscellaneous | 1 | 1 | 4 | 1 | 0 | 2 | 9 |
| TROUBLE: |  |  |  |  |  |  |  |
| \# of Ft Cleaned | 0 | 127 | 53 | 188 | 144 | 60 | 572 |
| Stop-Ups | 4 | 11 | 12 | 11 | 7 | 2 | 47 |
| Private Lines | 3 | 8 | 10 | 8 | 3 | 1 | 33 |
| Cave-Ins | 0 | 1 | 1 | 0 | 1 | 0 | 3 |
| Flooded Houses | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Miscellaneous | 2 | 10 | 24 | 2 | 5 | 5 | 48 |
| Total Calls | 6 | 22 | 37 | 13 | 13 | 8 | 99 |
| VACCON \#1: |  |  |  |  |  |  |  |
| \# of Ft Cleaned | 1,446 | 687 | 2,757 | 751 | 430 | 34,570 | 40,641 |
| VACCON \#2: |  |  |  |  |  |  |  |
| \# of Ft Cleaned | 5,418 | 3,040 | 26,170 | 7,344 | 0 | 0 | 41,972 |
| VACCON \#3: |  |  |  |  |  |  |  |
| \# of Ft Cleaned | 430 | 81 | 41,527 | 2,552 | 1,609 | 0 | 46,199 |
| VACCON \#4: |  |  |  |  |  |  |  |
| \# of Ft Cleaned | 0 | 0 | 10,715 | 0 | 0 | 0 | 10,715 |
| VACCON \#5: |  |  |  |  |  |  |  |
| \# of Ft Cleaned | 0 | 0 | 284 | 41,712 | 952 | 209 | 43,157 |
| TV \#1 |  |  |  |  |  |  |  |
| \# of Ft | 246 | 1,264 | 1,253 | 144 | 1,898 | 19,852 | 24,657 |
| T V \#2 |  |  |  |  |  |  |  |
| \# of Ft | 481 | 962 | 20,034 | 0 | 0 | 0 | 21,477 |

## North Little Rock Wastewater

North Little Rock, AR
Annual Overflows and Rainfall

U:ICOMMITTEE AGENDA 2004-2017\2017 AGENDAIAPRICopy of Annual overflows and rainfall (new format)File \#1 Prepared By: Elaine Anderson

| Faulkner Lake B | $2004$ | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 12.3 |
| Overflows | 54 | 59 | 54 | 64 | 47 | 38 | 42 | 61 | 63 | 36 | 21 | 27 | 19 | 3 |
| White Oak Basin |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| Rainfall | 129.9 | 82.4 | 89 | 53.7 | 60.1 | 77 | 44.2 | 68.6 | 46.56 | 50.75 | 44 | 68.7 | 51.2 | 9.4 |
| Overflows | 11 | 26 | 33 | 37 | 32 | 35 | 32 | 45 | 25 | 13 | 9 | 21 | 9 | 2 |
| Five Mile Creek Basin |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| 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 | 9.4 |
| Overflows | 24 | 16 | 25 | 18 | 14 | 16 | 23 | 16 | 12 | 14 | 15 | 5 | 5 | 3 |
| Maumelle Basin |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  | 2016 | 2017 |
| Rainfall |  |  |  |  |  |  |  |  |  |  |  |  | 41.1 | 10.7 |
| Overflows |  |  |  |  |  |  |  |  |  |  |  |  | 4 | 1 |
| Entire System |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| 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 | 8.75 |
| Overflows | 89 | 101 | 112 | 119 | 93 | 89 | 97 | 122 | 100 | 63 | 45 | 53 | 36 | 9 |

# REHABILITATION FUND REPAIR CREW EXPENDITURES FOR THE MONTH ENDED MARCH, 2017 

EXPENDITURES FOR LINE REHABILITATION-REPAIR CREWS ..... 44,084.53
REFUND DUE TO SEWER FUND ..... $\$ 44,084.53$

## REHABILITATION REPORT-REPAIR CREWS

 FOR THE MONTH ENDED MARCH 31, 2017| LOCATION | TOTAL |  | LABOR |  | MATERIALS |  | EQUIPMENT |  | OUTSIDE WORK |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| WARD \#0 LINES |  |  |  |  |  |  |  |  |  |  |
| MISCELLANEOUS | \$ | 466.86 | \$ | 310.90 | \$ | 22.58 | \$ | 133.38 | \$ | - |
| TOTAL WARD \#0 LINES | \$ | 466.86 | \$ | 310.90 | \$ | 22.58 | \$ | 133.38 | \$ | - |
| WARD \#1 LINES |  |  |  |  |  |  |  |  |  |  |
| MISCELLANEOUS | \$ | 7.683 .35 | \$ | 4,016.58 | \$ | 1,193.63 | \$ | 1,723.14 | \$ | 750.00 |
| TOTAL WARD \#1 LINES | \$ | 7,683.35 | \$ | 4,016.58 | \$ | 1,193.63 | \$ | 1,723.14 | \$ | 750.00 |
| WARD \#2 LINES |  |  |  |  |  |  |  |  |  |  |
| MISCEILANEOUS | \$ | 18,641.99 |  | 10,670.96 | \$ | 1,334.52 | \$ | 4,577.91 | \$ | 2,058.60 |
| TOTAL WARD \#2 LINES | \$ | 18,641.99 |  | 10,670.96 | \$ | 1,334.52 | \$ | 4,577.91 | \$ | 2,058.60 |
| WARD \#3 LINES |  |  |  |  |  |  |  |  |  |  |
| MISCELLANEOUS | \$ | 4,006.67 | \$ | $1,554.18$ | \$ | 37.74 | \$ | 666.75 | \$ | 1,748.00 |
| NONA STREET-R12-02 | \$ | 59.86 | \$ | - | \$ | - | \$ | - | \$ | 59.86 |
| TOTAL WARD \#3 LINES | \$ | 4,066.53 | \$ | 1,554.18 | \$ | 37.74 | \$ | 666.75 | \$ | 1,807.86 |
| WARD \#4 LINES |  |  |  |  |  |  |  |  |  |  |
| MISCELLANEOUS | \$ | 6,050.53 | \$ | 3,389.25 | \$ | 41.27 | \$ | 1,454.01 | \$ | 1,166.00 |
| TOTAL WARD \#4 LINES | \$ | 6,050.53 | \$ | 3,389.25 | \$ | 41.27 | \$ | 1,454.01 | \$ | 1,166.00 |
| WARD \#5 LINES |  |  |  |  |  |  |  |  |  |  |
| MISCELLANEOUS | \$ | 7,175.27 | \$ | 4,873.54 | \$ | 210.95 | \$ | 2,090.78 | \$ | - |
| TOTAL WARD \#5 LINES | \$ | 7,175.27 | \$ | 4,873.54 | \$ | 210.95 | \$ | 2,090.78 | \$ | - |
| TOTAL ALL WARDS | \$ | 44,084.53 |  | 24,815.41 | \$ | 2,840.69 | \$ | 10,645.97 | \$ | 5,782.46 |

## AGENDA FOR NORTH LITTLE ROCK WASTEWATER TREATMENT COMMITTEE MEETING

## RE: Committee Meeting

PLACE: Faulkner Lake Treatment Plant
7400 Baucum Pike, North Little Rock, Arkansas 72117
DATE: April 11, 2017
TIME: 12:15 PM
(1) Approval of the Minutes of the March 14, 2017 Meeting
(2) Cash Disbursements for March 2017
(3) FInANCIAL Report for March 2017
(4) 2016 Audit Report
(5) East $4{ }^{\text {Th }}$ Street \& Poplar Sewer Extension
(6) Purchase Vehicles for Collection System Department
(7) Five Mlle Creek Treatment Plant 25 HP Aerators
(8) Computerized Maintenance Management System (CMMS)
(9) Waste Management Service Agreement
(1)

## NEW BUSINESS

## ACTION REQUESTED:

Approval of the Minutes of the March 14, 2017 Committee Meeting

## NORTH LITTLE ROCK WASTEWATER TREATMENT COMMITTEE

## Minutes of a meeting held Tuesday, March 14, 2017

A meeting of the North Little Rock Wastewater Treatment Committee was held on Tuesday, March 14, 2017 at the administrative offices located at the Faulkner Lake Treatment Plant.

The meeting was called to order by Chairman Matthews at approximately 12:15 p.m. Those in attendance at the meeting were Mr. K.W. Matthews, Mr. Sylvester Smith, Mr. Ed Nelson, Mr. Clark MoGlothin and Ms. Karen Bryant, and in addition, Mr. Jack Stowe and Ms. Judy Keller, representatives 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. Mike Marlar with Marlar Engineering Co., Inc., Mr. Mark Halter with Hilburn, Calhoon, Harper, Pruniski \& Calhoun, Ltd. and Dawn Harmon.

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

Next, the Committee reviewed the cash disbursements for February 2017. There being no questions or comments, a motion was made by Mr. Nelson, seconded by Ms. Bryant, to approve the cash disbursements for February 2017 reflecting total cash disbursements of $\$ 2,206,740.29$ and transfers between accounts of $\$ 1,063,966.69$. The motion carried unanimously.

Upon motion made by Mr. Nelson, seconded by Mr. McGlothin, the Committee unanimously approved the Financial Statement for February 2017.

The Committee was then updated by Mr. Mike Marlar regarding the White Oak Interceptor project. Mr. Marlar explained to the Committee that approximately 1.3 acres of land was affected by the easement which is as follows:

| Mayberry property | 0.44 acres |
| :--- | :--- |
| Jackson property | 0.33 acres |
| County Club property | 0.54 acres |

Further, Mr. Marlar informed the Committee that he has contacted his insurance company to take care of acquiring the necessary easements and is having two (2) appraisals conducted on said property. Once the appraisals are received, the Utility will be in a better position to offer a dollar amount to the land owners. If the property owners decline the offer, that decision will determine how the Utility will proceed.

Mr. Wilkins then advised the Committee that he has once again been contacted by Little Rock Wastewater to renew an agreement to dispose of wastewater biosolids on sites permitted by the North Little Rock Wastewater Utility. The property owner is agreeable and has sufficient acreage to accommodate the request. Additionally, Little Rock Wastewater will pay to North Little Rock Wastewater a fee of \$5,000.00 for use of the permitted site. A motion was made by Mr. Smith, seconded by Mr. McGlothin, to authorize the staff to renew a Memorandum of Agreement with Little Rock Wastewater for the use of North Little Rock Wastewater's biosolids disposal site and permit. The motion carried unanimously.

Next, the Committee discussed replacement of pumps at the Maybelline Pump Station which was constructed in 1992. Mr. Wilkins stated that last fall both pumps went out, and the lower housings were discovered to be worn to the point that the original efficiency could not be restored. Due to budget constraints, the staff made necessary repairs to put the units back in service and delayed the purchase of new units until the start of the 2017 budget year. The 2017 budget includes $\$ 60,000.00$ for the costs of replacement for both pumps and the actual cost is $\$ 50,707.25$. A motion was then made by Mr. Nelson, seconded by Ms. Bryant, to authorize the replacement of both pumps at the Maybelline Pump Station in the amount of $\$ 50,707.25$. The motion carried unanimously.

Mr. Wilkins then explained that studies conducted during the evaluation to purchase the Maumelle Water Management wastewater system concluded it would be cost effective to eliminate the Maumelle WTP by diverting the wastewater from Maumelle to the White Oak Bayou Water Treatment Plant. A diversion of the wastewater would be accomplished by constructing a force main from the Maumelle influent pump station to the newly constructed 36" White Oak Interceptor near its intersection with Counts Massie Road. Other modifications would include:

- Installation of new bar screens
- Improvements to the Maumelle influent pump station
- Conversion of existing Maumelle lagoons into equalization basins
- Installation of auxiliary power supplies at the Maumelle influent pump station and the White Oak Bayou WTP

The projected cost of the project is $\$ 7,500,000.00$ to $\$ 8,500,000.00$ which will be funded through the current $\$ 30,000,000.00$ Revolving Loan Fund loan. Mr. Wilkins also noted that all engineering fees would be paid from Utility revenues and not the Revolving Loan Fund. After further discussion, a motion was made by Mr. Smith, seconded by Mr. McGlothin, to authorize the staff to negotiate with Marlar Engineering Co., Inc. and Crist Engineers, Inc. for engineering services related to a diversion of Maumelle wastewater to the White Oak Bayou WTP. 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 12:53 p.m.

## APPROVED ASTO FORM:

K. W. MATTHEWS, CHAIRMAN

RESPECTFULLY SUBMITTED,

SYLVESTER SMITH, VICE-CHAIRMAN/ SECRETARY
(2)

## CASH DISBURSEMENTS FOR MARCH 2017

## ACTION REQUESTED:

Approval of the Cash Disbursements for March 2017 showing total Cash Disbursements of $\$ 2,483,337.33$ and
Fund Transfers between accounts of $\$ 1,317,189.38$.

## NORTH LITTLE ROCK WASTEWATER CASH DISBURSEMENTS MARCH 31, 2017

| $\begin{gathered} \text { CK } \\ \# \end{gathered}$ | $\begin{gathered} \text { CHECK } \\ \text { PAYABLE TO } \end{gathered}$ |  | AMOUNT | DESCRIPTION |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | RANDOM DRUG TEST FOR EMPLOYEE W. TROSTEL AFTER AUTO |
| 40836 | A-TEST CONSULTANTS, INC. | \$ | 20.00 | ACCIDENT. |
| 40837 | ADT SECURITY SERVICES | \$ | 390.65 | QUARTERLY SECURITY SERVICES FOR FIVE MILE \& WHITE OAK PLANTS |
| 40838 | AFLAC | \$ | 2,303.24 | SUPPLEMENTAL INSURANCE - EMPLOYEE DEDUCTIONS |
| 40839 | AMERICAN COMPOSTING INC. | \$ | 157.26 | DISPOSAL OF BRUSH FROM FAULKNER LAKE TREATMENT PLANT |
| 40840 | ARKANSAS AGGREGATES, INC. | \$ | 1,642.83 | GRAVEL FOR FAULKNER LAKE TREATMENT PLANT |
| 40841 | ARKANSAS MILL SUPPLY CO. | \$ | 125.36 | BOLT CUTTER FOR PUMP MAINTENANCE TRUCK |
| 40842 | CAPITOL EQUIPMENT | \$ | 7,648.17 | NEW ZERO TURN LAWNMOWER FOR FIVE MILE PLANT - BUDGET ITEM |
| 40843 | CENTRAL ARKANSAS WATER | \$ | 39,113.31 | BILLING SERVICE FEES FOR DECEMBER 2016 |
| 40844 | CENTRAL DIESEL REPAIR | \$ | 1,703.47 | BRAKE REPAIRS ON UNIT \# 89 AND REPLACED WHEEL BEARINGS \& STEERING GEARBOX ON UNIT \# 125 |
| 40845 | CINTAS CORP. \# 650 | \$ | 1,897.39 | MONTHLY UNIFORM \& MAT SERVICES |
| 40846 | CRANFORD CONSTRUCTION CO. | \$ | 583.77 | SURFACE ASPHALT FOR WARD 1 AND WARD 2. <br> FILTERS FOR ALL VAC-CONS, PLASTIC TANK REPAIR FOR SPRAYMATE |
| 40847 | CROW BURLINGAME CO. \# 53 | \$ | 275.63 | AND 1 CASE OF MYSTIK GREASE FOR UNIT \# 93. |
| 40848 | DARRELL R. SANSOM | \$ | 3,000.00 | COMPUTER TROUBLESHOOTING AND CONSULTING FOR FEBRUARY |
| 40849 | DBS MANUFACTURING INC. | \$ | 7,444.81 | NEW GEARBOX FOR FAULKNER LAKE THICKENER \# 3. <br> ELECTRICAL SUPPLIES TO REROUTE CHLORINE SERVICE AT WHITE OAK, DRILL BIT, CABLE TIE \& SUPPLIES FOR UNIT \# 90 STOCK, AND SOCKETS |
| 40850 | ELLIOTT ELECTRIC SUPPLY | \$ | 794.63 | FOR RELAY BASES. <br> ELECTRIC BILL FOR AUSTIN LAKES, CHAPEL RIDGE, EUREKA GARDENS 46TH STREET, EUREKA GARDENS - JUDY ROAD, EUREKA GARDEN ROAD, FRONTIER DRIVE, HILL LAKE, MARCHE, MCALMONT, MIDSTATE, QUAPAW, RIXIE - HWY 161 AND TRAMMEL ESTATES PUMP STATIONS. FIVE MILE CREEK \# 1, INFLUENT PUMP, FIVE MILE NORTH \& SOUTH BLDGS.,, AND |
| 40851 | ENTERGY | \$ | 24,040.39 | FIVE MILE SECURITY GATE. |
| 40852 | EVANS ENTERPRISES, INC. | \$ | 3,008.13 | REBUILT SUBMERSIBLE PUMP FOR NORFOLK PUMP STATION IN MAUMELLE. |
| 40853 | F. L. DAVID SHERWOOD HARDWARE | \$ | 72.21 | ADAPTERS, BUSHING, WATER PRESSURE REGULATOR FITTING TO REPAIR WATER LINE AT 8217 EAST STREET - WARD 0. |
| 40854 | FLEET SAFETY EQUIPMENT INC. | \$ | 506.70 | COMPUTER STAND FOR UNIT \# 124 |
| 40855 | FLEET TIRE SERVICE | \$ | 391.99 | REPAIR FLAT AND TWO NEW TIRES FOR TRAILER \# 9 |
| 40856 | GIBBS SERVICE COMPANY | \$ | 113.98 | CPI INCREASE FOR ANNUAL MAINTENANCE ON LAB'S HVAC |
| 40857 | GRAINGER | \$ | 86.33 | TEST LEAD KIT FOR UNIT \# 127 |
| 40858 | GRAVEL RIDGE SEWER DISTRICT | \$ | 18,317.89 | BILLED GRAVEL RIDGE ACCOUNTS FOR JAN - CYC 9 COLLECTIONS |
| 40859 | GREEN \& CHAPMAN, INC. | \$ | 1,068.93 | 486 GALLONS OF DIESEL FOR MAUMELLE EFFLUENT PUMP |

## NORTH LITTLE ROCK WASTEWATER

| $\begin{gathered} \text { CK } \\ \# \end{gathered}$ | CHECK <br> PAYABLE TO | AMOUNT |  | DESCRIPTION |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | MANHOLE LIDS, RINGS \& RISERS FOR INVENTORY, FERNCO FOR LYNCH DRIVE \& GORDON ST., SEWER PIPE LUBE FOR 523 W . 16TH ST. - WARD 2 |
| 40860 | H.D. SUPPLY WATERWORKS | \$ | 2,268.99 | AND FAST PLUGS FOR FIVE MILE PLANT. |
| 40861 | HUM'S HARDWARE | \$ | 604.69 | PARTS \& SUPPLIES FOR VARIOUS DEPARTMENTS |
|  |  |  |  | RENTAL OF DITCH WITCH LOADER, BUCKET AND TRAILER FOR 2827 |
| 40862 | HUM'S RENTAL | \$ | 219.00 | CRESTVIEW - WARD 1. <br> HAULING SERVICES FOR BIO-SOLIDS FROM MAUMELLE TREATMENT |
| 40863 | JIMMY DON WADDLES HAULING, INC. | \$ | 1,380.00 | PLANT. |
| 4086 | JOE'S GARAGE \& WRECKER SERVICE | \$ | 206.92 | REPAIRS TO TRANSMISSION COOLER LINE \& REPLACE CRANKSHAFT POSITION SENSOR ON UNIT \#127. |
|  | Joes garage a Wrecker |  |  | 24 PAIRS OF LONG PVC SEWER GLOVES FOR COLLECTION SYSTEMS |
| 40865 | L \& L MUNICIPAL SUPPLIES \& TOOLS | \$ | 416.64 | CREWS. |
| 40866 | LEGAL SHIELD | \$ | 139.55 | PRE-PAID LEGAL SERVICES-EMPLOYEE DEDUCTIONS <br> TAIL LIGHT COMBINATION, LIGHT TESTER, BUTT CONNECTOR, 4 WAY |
| 40867 | LIBERTY TRAILER INC. | \$ | 37.98 | PLUGS FOR TRAILER \# 4. |
|  |  |  |  | OIL CHANGE \& FILTERS, GREASE RETINAX \& REPLACE ENGINE KIT FILTER AND REPLACED REAR BRAKE CHAMBER ON UNIT \# 112 AND OIL |
| 40868 | MHC KENWORTH | \$ | 2,013.67 | CHANGE, FILTERS \& REPAIR REAR BRAKE LIGHT SWITCH ON UNIT \# 114. |
| 40869 | MOORE \& ROBINSON | \$ | 368.04 | 2 NEW TIRES FOR UNIT \# 93 |
| 40870 | MR. FIRST AID | \$ | 192.96 | FIRST AID SUPPLIES FOR OPERATIONS |
|  |  |  |  | DELTA LAWN, DIXIE, FAULKNER CROSSING, GALLOWAY, HARRIS INDUSTRIAL PARK, HWY 107, I-440 INDUSTRIAL PARK, LAKEWOOD, LANSBROOK, MARYLAND EAST, MARYLAND PLACE, OAKBROOK, PINETREE POINT, SHILLCUTT, SHORTER COLLEGE PUMP STATIONS \& WHITE OAK SECURITY GATE. FAULKNER LAKE ADMINISTRATION BLDG., BLOWER BLDG., COLLECTIONS \& ENGINEERING BLDG., LAB BLDG., PLANT |
| 40871 | NORTH LITTLE ROCK ELECTRIC | \$ | 25,628.94 | MAINTENANCE BLDG., SLUDGE LAGOON \& TREATMENT PLANT. 3804B, |
| 40872 | NORTHSIDE SALES CO. | \$ | 488.25 | CALIBRATE GAS CHLORINE DETECTORS |
| 40873 | O'REILLY AUTO PARTS | \$ | 22.72 | TOOLS FOR MAUMELLE TREATMENT PLANT |
|  |  |  |  | SERVICE CONTRACT FOR $100 \%$ COVERAGE ON ALL PARTS \& LABOR FOR |
| 40874 | OMNISITE | \$ | 300.00 | RMA\# 7482 - MAUMELLE PUMP STATION. CONE \& GRADE RING FOR 8217 EAST - WARD 0 AND CONCRETE GRADE |
| 40875 | PETERSON CONCRETE | \$ | 202.65 | RINGS FOR 400 CASEY - WARD 5. |
| 40876 | PETTUS OFFICE PRODUCTS | \$ | 369.62 | OFFICE SUPPLIES FOR ADMINISTRATION, LAB \& PRE-TREATMENT 1 DRUM OF ROTELLA OIL FOR COLLECTION SYSTEMS, 2 FIVE GALLONS OF ROTELLA 15W40 FOR VAC-CON \# 3 - UNIT \# 109 AND 1 DRUM OF DEF |
| 40877 | QUALITY PETROLEUM INC. | \$ | 960.23 | FLUID FOR ALL VAC-CONS. |

NORTH LITTLE ROCK WASTEWATER
CASH DISBURSEMENTS
MARCH 31, 2017

| \# | PAYABLE TO | AMOUNT |  | DESCRIPTION |
| :---: | :---: | :---: | :---: | :---: |
| $40878$ | RICKY SPEARS | \$ | 182.76 | REPAIR SERVICE ON ZERO TURN LAWNMOWER FOR MAUMELLE TREATMENT PLANT. |
|  |  |  |  |  |
|  |  |  |  | DISPOSAL OF NON-HAZARDOUS SOLIDS, OIL TOWELS AND USED OIL FOR |
| 40879 | SAFETY-KLEEN | \$ | 758.13 | COLLECTION SYSTEMS. |
|  |  |  |  | WEED KILLER AND 170 PC CRESCENT TOOL SET FOR WHITE OAK LAWN |
| 40880 | SCOTT PRODUCTS | \$ | 270.63 | CARE. |
|  |  |  |  | BILLED RUNYAN ACRES ACCOUNTS FOR JAN - CYC 9 AND FEB - CYC 1 |
| 40881 | SEWER DISTRICT \# 211 | \$ | 49,695.31 | COLLECTIONS. |
|  |  |  |  | PVC COUPLINGS FOR DEWATER WELLS AT FAULKNER LAKE TREATMENT |
| 40882 | SOUTHERN PIPE \& SUPPLY CO. | \$ | 74.65 | PLANT. |
|  |  |  |  | 2 PALLETS OF CONCRETE, PVC CONNECTOR, ELBOWS, SEALANT, \& PVC |
| 40883 | StANLEY HARDWARE | \$ | 752.05 | FOR RE-ROUTE OF WATER SERVICES AT 8217 EAST STREET - WARD 0. |
| 40884 | SUMMITT TRUCK GROUP | \$ | 794.61 | REPLACED PEDAL ASSEMBLY ON UNIT \# 112. |
|  |  |  |  | WIPER BLADES FOR UNIT \# 104, AIR BRAKE CONNECTOR ON UNIT \# 107 |
| 40885 | TRUCK PRO, LLC. | \$ | 32.27 | AND OIL CAP FOR FORKLIFT. |
|  |  |  |  | LED RETROFIT KIT LIGHTING FOR COLLECTION SYSTEMS \& ENGINEERING |
| 40886 | WHOLESALE ELECTRIC SUPPLY | \$ | 2,637.60 | \& OPERATIONS BUILDINGS. |
| 40887 | AMERIPRISE FINANCIAL SERVICES INC. | \$ | 95.00 | EMPLOYEE CONTRIBUTIONS FOR PAY PERIOD ENDING 03/05/17 |
| 40888 | UNITED WAY | \$ | 66.00 | UNITED WAY CONTRIBUTIONS - PAY PERIOD ENDING 03/05/17 |
| 40889 | JAMES AND MARIAN WILLIS | \$ | 284.09 | EMPLOYEE GARNISHMENT FOR PAY PERIOD ENDING 03/05/17 |
| 40890 | OCSE CLEARINGHOUSE, SDU | \$ | 632.66 | CHILD SUPPORT PAYMENTS FOR PAY PERIOD ENDING 03/05/17 |
| NAT-05 | NATIONWIDE RETIREMENT SOLUTIONS | \$ | 3,434.12 | RETIREMENT CONTRIBUTIONS - PAY PERIOD ENDING 03/05/17 |
| AFC-05 | ARKANSAS FEDERAL CREDIT UNION | \$ | 6,675.31 | EMPLOYEE CONTRIBUTIONS FOR PAY PERIOD ENDING 03/05/17 |
| PR-05 | PAYROLL TAX DEPOSIT | \$ | 42,960.87 | PAYROLL TAXES FOR PAY PERIOD ENDING 03/05/17 |
| 40891 | AdVANTAGE SERVICE COMPANY | \$ | 365.00 | THREE BACKFLOW PREVENTION ASSEMBLY INSPECTIONS |
| 40892 | ARKANSAS AGGREGATES, INC. | \$ | 1,532.31 | GRAVEL FOR FAULKNER LAKE TREATMENT PLANT |
| 40893 | ARKANSAS POWER STEERING \& HYDRAULICS | \$ | 644.44 | REPLACE BEARING \& SEAL KIT-UNIT \#104 |
| 40894 | ARKANSAS SOD \& TURF FARM INC. | \$ | 492.90 | SOD - WARDS $0,1,2,5$ |
| 40895 | AT\&T | \$ | 489.85 | LAND LINE FOR WHITE OAK AND FIVE MILE AND GATE AT FAULKNER |
| 40896 | AWW \& WEA | \$ | 1,040.00 | CONFERENCE REGISTRATIONS FOR 8 EMPLOYEES IN HOT SPRINGS |
| 40897 | B\&B MATERIAL COMPANIES | \$ | 25.00 | SANDY LOAM FOR WARD 0 |
| 40898 | BENTCO, INC. | \$ | 260.00 | CORD GRIPS INSTALLED FIVE MILE CREEK |
| 40899 | BLUE TARP FINANCIAL, INC. | \$ | 815.60 | 2 FILTER PRESS WALL EXHAUST FANS 24" |
| 40900 | BOSTON MUTUAL LIFE CO. INC. | \$ | 728.33 | SUPPLEMENTAL INSURANCE-EMPLOYEE DEDUCTIONS |
| 40901 | CABOT FLORIST, INC. | \$ | 94.94 | SYMPATHY ARRANGEMENT FOR EMPLOYEE UPON MOTHER'S DEATH |
| 40902 | CED - LITTLE ROCK | \$ | 577.70 | WHITE OAK TREATMENT PLANT 2 NEW PUMP BREAKERS |
|  |  |  |  | Page 3 |

NORTH LITTLE ROCK WASTEWATER
CASH DISBURSEMENTS
MARCH 31, 2017

| $\begin{gathered} \text { CK } \\ \# \end{gathered}$ | CHECK <br> PAYABLE TO | AMOUNT |  | DESCRIPTION |
| :---: | :---: | :---: | :---: | :---: |
| 40903 | CINTAS CORP. \# 650 | \$ | 163.76 | REPLACEMENT OF WORN OUT CARHARDT COAT SIZE XL |
| 40904 | CITY OF MAUMELLE | \$ | 8,873.46 | FEBRUARY FRANCHISE FEES FOR MAUMELLE |
| 40905 | CITY OF NORTH LITTLE ROCK | \$ | 65,875.99 | FEBRUARY FRANCHISE FEES FOR NORTH LITTLE ROCK |
| 40906 | CONNECTING POINT | \$ | 140.30 | LINKSYS WIRELESS ROUTER FOR ADMIN BUILDING |
| 40907 | CONSOLIDATED PIPE \& SUPPLY | \$ | 60.14 | 1/8 SEWER BEND CLEANOUT FOR SERVICE REPAIR <br> 3 HOURS UNITRONICS SOFTWARE TRAINING FIVE MILE TREATMENT |
| 40908 | CONTROLS \& POWER, INC. | \$ | 225.00 | PLANT |
| 40909 | CRANFORD CONSTRUCTION CO. | \$ | 399.08 | SURFACE ASPHALT FOR WARD 1 AND WARD 2. |
| 40910 | CROW BURLINGAME CO. \# 53 | \$ | 81.63 |  |
| 40911 | DATAMAX | \$ | 67.30 | ENGINEERING |
| 40912 | DEPT OF FINANCE \& ADMINISTRATION | \$ | 14,780.92 | STATE WITHHOLDING TAXES FOR FEBRUARY |
| 40913 | ECOTECH ENTERPRISES, INC. | \$ | 930.00 | 3 DRUMS OF HYDROGEN PEROXIDE MAUMELLE PLANT |
| 40914 | ELLIOTT ELECTRIC SUPPLY, INC. | \$ | 430.97 | CHLORINE PUMP |
|  |  |  |  | ELECTRIC BILLS: RIXIE RD PS, NEW BREDFORD PS, OSAGE FALLS PS, ODOM/BLUE MTN PS, SEMINOLE E. PS, SEMINOLE W. PS, OSAGE HILLS, PONCA, MAUMELLE VALLEY, RIXIE-LUCKY DRIVE, NAYLOR, MWWTP-PS4, MURPHY DR, HIGH SCHOOL, MWWTP TRAINING BLDG, MWWTP MAIN, MWWTP SURGE BASIN, MWWTP PS\#23/\#3, DURANGO, RIDGELAND/ODOM, RIDGELAND PS, DIAMOND POINT, LAWRENCE, TOWN CENTER, MASTERS |
| 40915 | ENTERGY | \$ | 18,655.46 | PLACE |
| 40916 | ENVIRONMENTAL EXPRESS, INC. | \$ | 1,059.81 | FILTERS FOR TSS TESTING AT ALL 4 PLANTS \& INDUSTRIES |
| 40917 | ENVIRONMENTAL SERVICES COMPANY | \$ | 84.60 | PLANTS. |
| 40918 | FIRST ELECTRIC COOPERATIVE | \$ | 102.31 | ELECTRIC BILL GAP CREEK PUMP STATION |
| 40919 | GRAINGER | \$ | 64.32 | LED CORDLESS FLASHLIGHT FOR SCADA TRUCK \#127 <br> 1464 GALLONS DIESEL FOR MAUMELLE EFFLUENT PUMP, 125 GALLONS <br> FOR FUEL TANK INVENTORY AND 96 GALLONS FOR FAULKNER |
| 40920 | GREEN \& CHAPMAN, INC. | \$ | 3,178.60 | CROSSING PUMP STATION GENERATOR |
| 40921 | HARCROS CHEMICALS | \$ | 1,196.36 | CHLORINE FOR MAUMELLE |
| 40922 | HD SUPPLY WATERWORKS | \$ | 219.17 | SEWER FLEX \& FLEX CPLG; REPAIR E. SCENIC \& CRESTVIEW |
| 40923 | HENARD UTILITY PRODUCTS | \$ | 1,771.99 | JOYSTICK VACCON\#3, REEL COUNTER VACCON\#4 |
| 40924 | INTERSTATE TIRE | \$ | 21.60 | PATCH \& SENSORS PUMP TRUCK\# 119 <br> SAFETY MANUAL, LABOR POSTERS; FLTP, 5-MI, WHITE OAK, MAUMELLE, |
| 40925 | JJ KELLER \& ASSOCIATES, INC. | \$ | 509.26 | COLLECTION SYSTEMS |
| 40926 | JACK TYLER ENGINEERING CO. | \$ | 50,707.25 | 2 SUBMERSIBLE PUMPS MAYBELLINE PUMP STATION |
|  |  |  |  | MONTHLY JANITORIAL SERVICE FOR ADMIN., LAB \& COL.SYS AND ENG. |
| 40927 | JACKSON CLEANING SERVICE | \$ | 1,204.35 | BUILDINGS |
|  |  |  |  | Page 4 |

NORTH LITTLE ROCK WASTEWATER
MARCH 31, 2017

| $\begin{gathered} \text { CK } \\ \# \end{gathered}$ | $\begin{gathered} \text { CHECK } \\ \text { PAYABLE TO } \end{gathered}$ | AMOUNT |  | DESCRIPTION |
| :---: | :---: | :---: | :---: | :---: |
| 40928 | JIMMY DON WADDLES HAULING, INC. | \$ | 1,610.00 | BIOSOLIDS HAULING FROM MAUMELLE |
| 40929 | JOES'S GARAGE \& WRECKER SERVICE | \$ | 167.71 | OIL CHANGE FOR \#118 AND FOR \#121 |
| 40930 | KRUM PUMP \& EQUIPMENT | \$ | 1,940.90 | FILTER PRESS WASH WATER BOOSTER PUMP |
| 40931 | L\&L MUNICIPAL SUPPLIES \& TOOL | \$ | 707.42 | FLUORESCENT GREEN MARKING PAINT 6 CASES |
|  |  |  |  | TRUCK SUPPLIES FOR PUMP STATIONS; PARTS FOR MAUMELLE |
| 40932 | LOWE'S | \$ | 295.97 | CHLORINE BASIN PROJECT |
| 40933 | MEADORS ADAMS \& LEE, INC. | \$ | 100.00 | RENEWAL OF SURETY BOND CITY OF MAUMELLE 3/16/17-3/16/18 |
| 40934 | NLR WELDING SUPPLY | \$ | 112.08 | MONTHLY CYLINDAR RENTAL FOR FAULKNER, WHITE OAD \& FIVE MILE |
| 40935 | NORTHSIDE SALES CO. | \$ | 69.17 | BLINKING YELLOW LIGHT FOR KUBOTA KX 121-3 |
| 40936 | OFFICE DEPOT | \$ | 123.79 | OFFICE SUPPLIES FOR CUSTOMER SERVICE OFFICE |
| 40937 | PANERA, LLC | \$ | 77.60 | NLRW COMMITTEE MEETING LUNCHES 2/14/17 |
| 40938 | PETTUS OFFICE PRODUCTS | \$ | 1,194.17 | OFFICE SUPPLIES ADMIN, COLLECTIONS, OPERATIONS \& LAB |
| 40939 | PETTY CASH | \$ | 357.66 | REIMBURSEMENT FOR PETTY CASH FUND |
| 40940 | POLYTEC, INC. | \$ | 5,400.00 | POLYMER 3,600 LBS FOR MAUMELLE PLANT |
| 40941 | PULASKI CIRCUIT COUNTY CLERK | \$ | 30.00 | EASEMENT DEED RECORDING FEE - LANDIS |
| 40942 | REGIONS CORPORATE TRUST | \$ | 1,083.00 | RIXIE BOND RE-PAYMENT - COLLECTED IN FEBRUARY |
| 40943 | S\&W CHEMICAL SALES | \$ | 779.55 | 5 CASES EXTRA LARGE NITRILE GLOVES FOR OPERATIONS |
| 40944 | SCOTT PRODUCTS | \$ | 429.99 | WEED KILLER FOR PUMP STATIONS |
| 40945 | SONNY FULMER TRUCKING | \$ | 891.44 | GRAVEL HAULING 10 LOADS |
|  |  |  |  | ODOR DIGESTOR \& SCRUBS-IN-A-BUCKET FOR COLLECTIONS SYSTEMS |
| 40946 | SPA CHEMICALS, INC. | \$ | 1,762.37 | AND POP-UP \& C-FOLD TOWELS FOR OPERATIONS |
|  |  |  |  | READY MIX CONCRETE FOR INVENTORY AND SUPPLIES FOR VARIOUS |
| 40947 | STANLEY HARDWARE | \$ | 1,221.59 | JOBS |
| 40948 | T\&T EQUIPMENT | \$ | 366.73 | CAR WASH SOAP AND REPLACE BROKEN BALL VALVE |
| 40949 | THE PRINTER DOCTOR | \$ | 310.60 | REPAIR \& REPLACE LASER PRINTER DRUMS |
| 40950 | TRACTOR SUPPLY CREDIT PLAN | \$ | 70.51 | 12 VOLT PUMP WHITE OAK |
| 40951 | UNDERCAR | \$ | 410.11 | BRAKE REPAIR ON UNIT \#97 |
| 40952 | USA BLUEBOOK | \$ | 1,065.59 | SUPPLIES FOR FECAL \& ANIMONIA TESTING |
|  |  |  |  | WATER BILLS PS; HEILMAN, OAKBROOK, 5-MI, SHORTER COLLEGE, DIXIE, |
| 40953 | UTILITY BILLING SERVICES | \$ | 171.60 | DELTA LAWN, SHILLCUTT, WHITEOAK |
|  |  |  |  | BIOSOLID DISPOSAL FOR FEBRUARY AT FAULKNER LAKE PLANT AN BIO |
| 40954 | WASTE MANAGEMENT | \$ | 23,543.10 | SOLID DISPOSAL FOR TWO WEEKS AT MAUMELLE PLANT |
|  |  |  |  | NITROGEN BOTTLES FOR FIVE MILE AND MONTHLY CYLINDER RENTAL |
| 40955 | WELSCO | \$ | 57.85 | FOR COLLECTIONS SYSTEMS |
| 40956 | WHOLESALE ELECTRIC SUPPLY | \$ | 1,783.17 | LED RETROFIT KITS FOR LAB BUILDING |
| 40957 | AMERICAN COMPOSTING INC. | \$ | 1,556.73 | GREASE REMOVAL \& DISPOSAL 5-MILE TREATMENT PLANT |
| 40958 | ARKANSAS AGGREGATES, INC. | \$ | 987.84 | GRAVEL FOR STOCK |
| 40959 | ARKANSAS BUSINESS | \$ | 64.95 | ONE YEAR SUBSCRIPTION RENEWAL ED TOLAND |

## NORTH LITTLE ROCK WASTEWATER

| $\begin{gathered} \text { CK } \\ \# \end{gathered}$ | $\begin{gathered} \text { CHECK } \\ \text { PAYABLE TO } \end{gathered}$ | AMOUNT |  | DESCRIPTION |
| :---: | :---: | :---: | :---: | :---: |
| 40960 | ARKANSAS ONE CALL | \$ | 363.70 | MARCH MEMBER FEE, FEBRUARY CALL FEE |
| 40961 | ARKANSAS POWER STEERING \& HYDRAULICS | \$ | - | VOIDED- PO 170511 SAME AS PO 170424 |
| 40962 | AT\&T | \$ | 1,150.17 | MONTHLY SERVICE FLTP 2/18/17-3/18/17 |
| 40963 | AT\&T | \$ | 749.92 | T-1 LINES BAUCUM TO MAIN STREET AND MAIN TO CAPITAL |
| 40964 | B\&B MATERIAL COMPANIES | \$ | 25.00 | SANDY LOAM FOR WARD 1 |
| 40965 | BCS, INC. | \$ | 315.00 | REPLACE MOTHER BOARD SHILLCUTT GATE |
| 40966 | BLUE TARP FINANCIAL, INC. | \$ | 841.11 | 6000 LB. STEEL BUCKET FORK FOR MAUMELLE PLANT |
| 40967 | CABOT FLORIST, INC. | \$ | 94.35 | SYMPATHY FLORAL FOR EMPLOYEE UPON MOTHER-IN-LAW'S DEATH |
| 40968 | CALIFORNIA CONTRACTORS SUPPLIES, INC. | \$ | 213.60 | 24 PAIRS SAFETY GLASSES COLLECTION SYSTEMS |
| 40969 | CAPITOL EQUIPMENT | \$ | 42.09 | MOWER SUPPLIES, $5-M I L E$, OIL, FILTER, PAINT NATURAL GAS FOR FAULKNER PLANT, LAB BLDG, 701 W 29TH AND |
| 40970 | CENTERPOINT ENERGY | \$ | 3,244.82 | MAUMELLE VALLEY PS |
| 40971 | CHARLES FROST | \$ | 64.20 | MILEAGE REIMBURSEMENT APERMA SEMINAR HOT SPRINGS |
| 40972 | CITY OF MAUMELLE | \$ | 24.86 | MAUMELLE MONTHLY FIRE AND POLICE FEES |
| 40973 | DATAMAX | \$ | 126.33 | COPIER MAINTENANCE - ADMIN BUILDING |
| 40974 | DIGITAL PRINT \& IMAGING OF LITTLE ROCK, INC | \$ | 99.06 | FOUR BOOKS OF 50 SETS OF INSPECTION SLIPS |
| 40975 | ELECTRIC MOTOR SERVICE INC | \$ | 4,649.94 | REPAIR 25 HP SURGE BASIN AERATOR AT MAUMELLE PLANT |
|  |  |  |  | ELECTRIC - PUMP STATIONS: NORFOLK, RIVER RUN, PALISADES, MAUMELLE \#2, COLLINS IND PARK, COUNTS MASSIE, MARANES, COUNTS |
| 40976 | ENTERGY | \$ | 1,547.86 | MASSIE\#2, BOURIES, CC BALLFIELDS, CRYSTAL BAY, MAUMELLE WOODS, |
| 40977 | EUREKA GARDENS FACILITIES BOARD | \$ | 3,369.60 | DEBT FEES COLLECTED FOR FEB - CYC 4 |
|  |  |  |  | RETURN WAN INTERFACE CARD ADMIN, RETURN CUES CAMERA |
| 40978 | FEDEX | \$ | 168.85 | COLLECTIONS |
| 40979 | GRAVEL RIDGE SEWER DISTRICT | \$ | 18,931.64 | BILLED ACCOUNTS COLLECTED FOR FEB - CYC 4 \& CYC 5 |
| 40980 | GREEN \& CHAPMAN, INC. | \$ | 1,469.68 | 700 GALLONS DIESEL FUEL - FOR RENTED PUMP AT MAUMELLE |
| 40981 | HD SUPPLY WATERWORKS | \$ | 3,659.37 | MANHOLE LIDS AND RINGS FOR INVENTORY,PIPE \& PLUGS FOR JOBS |
| 40982 | HENARD UTILITY PRODUCTS | \$ | 902.93 | FOOTAGE COUNTER SENSOR VACCON \#2 \#107 |
| 40983 | HOME DEPOT CREDIT SERVICES | \$ | 211.35 | LAWN MAINTENANCE SPRING SUPPLIES \& CLEANING SUPPLIES FLTP |
| 40984 | JJ KELLER \& ASSOCIATES, INC. | \$ | 42.75 | SAFETY PROGRAM UPDATES \& POSTERS |
| 40985 | JIMMY DON WADDLES HAULING, INC. | \$ | 2,530.00 | BIOSOLIDS HAULING, MAUMELLE, 11 LOADS $3 / 7-3 / 10,3 / 13 / 17$ |
|  |  |  |  | TOILET TISSUE, PAPER TOWELS, WIPERS, GLASS CLEANER/LAB \& PUMP |
| 40986 | KERR PAPER \& SUPPLY CO. | \$ | 515.14 | MAINTENANCE |
|  |  |  |  | FIRST AID SUPPLIES FOR OPERATIONS, COLLECTIONS, PUMP |
| 40987 | MR. FIRST AID | \$ | 981.21 | MAINTENANCE |
|  |  |  |  | JAN/FEB RISK MANAGEMENT COMPLIANCE PROGRAM FLTP, WHITE OAK, |
| 40988 | MUNICIPALH20.COM | \$ | 1,100.00 | 5-MILE |
| 40989 | OFFICE DEPOT | \$ | 101.44 | HP PRINTER FOR TV\#2, \#118 |

NORTH LITTLE ROCK WASTEWATER CASH DISBURSEMENTS MARCH 31, 2017

|  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 40990 | PETERSON CONCRETE TANK CO. | \$ | 978.79 | SUPPLIES FOR REPAIRS IN WARDS 0, 1, 4 (RINGS, RISERS, GASKETS, COVERS, ETC.) |
| 40991 | PETTUS OFFICE PRODUCTS | \$ | 51.62 | GOJO FOAM HAND CLEANER FOR RESTROOMS ADMIN BLDG |
| 40992 | REDSTONE CONSTRUCTION GROUP | \$ | 43,083.45 | 3306 E. 10TH PUMP STATION PROJECT APPROVED 6/14/16 DRAW\#3 |
| 40993 | SEWER DISTRICT \# 211 | \$ | 245.50 | BILLED RUNYAN ACRES ACCOUNTS FEB - CYC 4 COLLECTIONS. |
| 40994 | SONNY FULMER TRUCKING | \$ | 750.00 | SIDEWALK REPAIR 309 W. I STREET |
| 40995 | SOUTHERN PIPE \& SUPPLY CO. | \$ | 82.30 | COPPER PIPE \& COUPLING - REPAIR WATER SERVICE W-5 |
| 40996 | UTILITY BILLING SERVICES | \$ | 482.96 | WATER BILL FOR FAULKNER LAKE TREATMENT PLANT \& LAB BUILDING |
| 40997 | UTILITY BILLING SERVICES | \$ | 1,077.70 | WATER BILL FOR MAUMELLE TREATMENT PLANT \& MURPHY DRIVE PUMP |
| 40998 | VWR INTERNATIONAL LLC | \$ | 464.53 | LAB SUPPLIES, VIALS W/LIDS, CELITE 500 GRAMS |
| 40999 | WINDSTREAM | \$ | 61.73 | MONTHLY FAX LINE FOR BILLING DEPARTMENT |
| 41000 | XYLEM DEWATERING SOLUTIONS, INC. | \$ | 7,431.49 | DIESEL PUMP RENTAL FOR MAUMELLE-ONE MONTH |
| 41001 | AMERIPRISE FINANCIAL SERVICES INC. | \$ | 95.00 | EMPLOYEE CONTRIBUTIONS FOR PAY PERIOD ENDING 03/19/17 |
| 41002 | UNITED WAY | \$ | 66.00 | UNITED WAY CONTRIBUTIONS - PAY PERIOD ENDING 03/19/17 |
| 41003 | WILLIS, JAMES \& MARIAN | \$ | 284.09 | EMPLOYEE GARNISHMENT FOR PAY PERIOD ENDING 03/19/17 |
| 41004 | OCSE CLEARINGHOUSE, SDU | \$ | 632.66 | CHILD SUPPORT PAYMENTS FOR PAY PERIOD ENDING 03/19/17 |
| AFC-06 | ARKANSAS FEDERAL CREDIT UNION | \$ | 6,675.31 | EMPLOYEE CONTRIBUTIONS FOR PAY PERIOD ENDING 03/19/17 |
| NAT-06 | NATIONWIDE RETIREMENT SOLUTIONS | \$ | 6,846.68 | RETIREMENT CONTRIBUTIONS - PAY PERIOD ENDING 03/19/17 |
| PR-06 | PAYROLL TAX DEPOSIT | \$ | 42,139.69 | PAYROLL TAXES FOR PAY PERIOD ENDING 03/19/17 |
| 41005 | ARKANSAS COPIER CENTER | \$ | 19.60 | MONTHLY MAINTENANCE FOR LAB COPIER |
|  |  |  |  | MONTHLY INTERNET SERVICE FOR FIVE MILE \& WHITE OAK PLANTS AND |
| 41006 | AT\&T | \$ | 136.15 | DATA SERVICES FOR SURVEY EQUIPMENT. |
| 41007 | BENTCO, INC. | \$ | 391.00 | AIR COOLED MOTOR WHITE OAK \& FIVE MILE |
| 41008 | BRADFORD MARINE | \$ | 2,742.88 | BOAT MOTOR REPLACEMENT 15HP |
| 41009 | CENTRAL ARKANSAS WATER | \$ | 39,180.91 | BILLING SERVICE FEES FOR JANUARY |
| 41010 | CHANGE CENTER FOR HEALTH | \$ | 3,251.50 | MONTHLY WELLNESS CLINIC CONTRACT FOR APRIL 2017 |
| 41011 | CHRIS LUMPKIN | \$ | 106.00 | EMPLOYEE REIMBURSEMENT OSHA SAFETY SHOES 2017 |
| 41012 | COLONIAL LIFE | \$ | 432.83 | SUPPLEMENTAL INSURANCE-EMPLOYEE DEDUCTIONS |
| 41013 | CONEY'S GARAGE DOOR | \$ | 119.35 | SERVICE CALL TO ADJUST ONE OF THE OVERHEAD DOORS |
| 41014 | DOORKING, INC. | \$ | 3.29 | MODEM SERVER SUBSCRIPTION 3/16-3/31-2017 |
| 41015 | ED TOLAND | \$ | 97.64 | EMPLOYEE REIMBURSEMENT OSHA SAFETY SHOES 2017 |
| 41016 | EGP, PLLC | \$ | 10,000.00 | PROGRESS BILLING 2016 FINANCIAL STATEMENT AUDIT |
|  |  |  |  | ELECTRIC: BRIDGEWAY\#2, HWY 365, WHITEOAK STRUCT, WHTOAK |
| 41017 | ENTERGY | \$ | 16,308.53 | PLANT, WHTOAK LAG, WHTOAK BAR SCR <br> 9 WABASH COVE MAUMELLE SEWER BACKUP CLAIM-INSURANCE |
| 41018 | ERIC DESJARDIN | \$ | 532.88 | REIMBURSED \$7,500 |
| 41019 | EUREKA GARDENS FACILITIES BOARD | \$ | 432.00 | DEBT FEES COLLECTED FOR FEB - CYC 7 |
| 41020 | EXPRESS OIL CHANGE | \$ | 40.56 | UNIT 96 OIL CHANGE |

MARCH RISK MANAGEMENT COMPLANCE PROGRAM FLTP, WHITE OAK, 5-
550.00 MILE
36 PAIR SAFETY GLASSES, CALIBRATION GAS, 11 FACESHIELDS W/VISORS
2 MEASURING WHEELS AND 2 SMART LEVELS
72 LOGO WASTEWATER CAPS
10 CASES NITRILE GLOVES LAB STOCK
EMPLOYEE REIMBURSEMENT OSHA SAFETY SH
EMPLOYEE REIMBURSEMENT OSHA SAFETY SH
EMPLOYEE REIMBURSEMENT OSHA SAFETY SH
EMPLOYEE REIMBURSEMENT OSHA SAFETY SH
MARCH RISK MANAGEMENT COMPLIANCE PROGR
DESCRIPTION

| \# | PAYABLE TO | AMOUNT |  | DESCRIPTION |
| :---: | :---: | :---: | :---: | :---: |
| 41021 | FISHER SCIENTIFIC | \$ | 4,055.57 | OIL \& GREASE TESTING SUPPLIES (3-MONTH SUPPLY) |
| 41022 | FLEETMATICS USA, INC. | \$ | 385.00 | MONTHLY VEHICLE TRACKING SERVICE MARCH 2017 (11 UNITS) |
| 41023 | GRAVEL RIDGE SEWER DISTRICT | \$ | 455.00 | BILLED GRAVEL RIDGE ACCOUNTS FOR FEB - CYC 7 COLLECTIONS |
| 41024 | HW TUCKER, CO., INC | \$ | 816.00 | POUR \& FINISH DRIVEWAY 2009 N.HILLS COURT WARD 4 |
| 41025 | HD SUPPLY WATERWORKS | \$ | 536.05 | CLAMPS REPAIR DIXIE FORCE MAIN; PLUGS 1710 W 37TH WARD 3 |
| 41026 | HILBURN CALHOON HARPER PRUNISKI \& CALHOUN | \$ | 3,891.35 | LEGAL SERVICES FOR SPECIAL PROJECTS \& GENERAL RETAINER |
| 41027 | JAMES RHODES | \$ | 106.00 | EMPLOYEE REIMBURSEMENT OSHA SAFETY SHOES 2017 |
| 41028 | JIMMY DON WADDLES HAULING, INC. | \$ | 2,630.00 | HAULING SERVICES FOR BIO-SOLIDS FROM MAUMELLE TREATMENT |
| 41029 | JOE CARTER TOOLS | \$ | 35.72 | 4 TON CABLE PULLER TRUCK \#93 |
| 41030 | JOE'S GARAGE \& WRECKER SERVICE | \$ | 73.10 | OIL CHANGE - \#99 |
| 41031 | L\&L MUNICIPAL SUPPLIES \& TOOL | \$ | 575.05 | 2 MEASURING WHEELS AND 2 SMART LEVELS |
| 41032 | LOGOWEAR | \$ | 476.53 | 72 LOGO WASTEWATER CAPS |
| 41033 | LOU'S GLOVES, INC. | \$ | 870.00 | 10 CASES NITRILE GLOVES LAB STOCK |
| 41034 | MARYBETH EGGLESTON | \$ | 97.64 | EMPLOYEE REIMBURSEMENT OSHA SAFETY SHOES 2017 |
| 41035 | MICHAEL COFFMAN | \$ | 106.00 | EMPLOYEE REIMBURSEMENT OSHA SAFETY SHOES 2017 |
| 41036 | MITCH FOREMAN | \$ | 43.39 | EMPLOYEE REIMBURSEMENT OSHA SAFETY SHOES 2017 |
| 41037 | MORGAN MILLS | \$ | 106.00 | EMPLOYEE REIMBURSEMENT OSHA SAFETY SHOES 2017 <br> MARCH RISK MANAGEMENT COMPLIANCE PROGRAM FLTP, WHITE OAK, 5- |
| 41038 | MUNICIPALH20.COM | \$ | 550.00 | MILE |
| 41039 | NAVIGATION ELECTRONICS, INC. | \$ | 18,531.80 | TWO GPS HANDHELD UNIT FOR COLLECTION SYSTEM MAPPING 36 PAIR SAFETY GLASSES, CALIBRATION GAS, 11 FACESHIELDS |
| 41040 | NORTHSIDE SALES CO. | \$ | 467.10 | W/VISORS |
| 41041 | OMNISITE | \$ | 18,317.31 | OMNISITE EQUIPMENT FOR 11 OF 41 PUMP STATIONS |
| 41042 | PETTUS OFFICE PRODUCTS | \$ | 138.34 | PRINTER INK CARTRIDGE COLLECTIONS |
| 41043 | PITNEY BOWES GLOBAL FINANCIAL | \$ | 154.47 | QUARTERLY RENTAL POSTAGE MACHINE |
| 41044 | SEWER DISTRICT \# 211 | \$ | 324.00 | BILLED RUNYAN ACRES ACCOUNTS FOR FEB - CYC 7 COLLECTIONS. |
| 41045 | SOUTHERN TIRE MART | \$ | 1,091.67 | 4 NEW TIRES \& INSTALLATION 2 EACH VACC\#2 \#107, TRAILER \#10 |
| 41046 | SPA CHEMICALS, INC. | \$ | 68.34 | SCRIM POP UP TOWELS FOR OPERATIONS |
| 41047 | SPECIALIZED TIRE SERVICE | \$ | 152.50 | REP\#1 BACKHOE FLAT; TUBE, SERVICE CALL |
| 41048 | STAR BOLT \& SCREW | \$ | 14.92 | BOLTS FOR TRANSPORTER TV\#1 |
| 41049 | STUART C IRBY CO. | \$ | 285.32 | REPLACEMENT LIGHT FAULKNER LAKE BLOWER BUILDING |
| 41050 | TIM LANKFORD | \$ | 92.21 | EMPLOYEE REIMBURSEMENT OSHA SAFETY SHOES 2017 |
| 41051 | USA BLUEBOOK | \$ | 1,145.63 | LABORATORY TESTING SUPPLIES AND EQUIPMENT |
| 41052 | VWR INTERNATIONAL LLC | \$ | 189.50 | LAB SUPPLIES, VIALS W/LIDS, CELITE 500 GRAMS |
| 41053 | WAStE MANAGEMENT | \$ | 7,541.12 | DISPOSAL OF BIOSOLIDS MAUMELLE TREATMENT PLANT 3/1-3/15/2017 |
| 41054 | WATER ENVIRONMENT FEDERATION | \$ | 575.00 | 4 EMPLOYEE MEMBERSHIP RENEWALS |
|  |  |  |  | LUNCH FOR HARCROS TRAINING ON 2/22/17 WITH MAUMELLE FIRE |
| EP-1 | CENTENNIAL BANK - CREDIT CARD | \$ | 186.51 | DEPARTMENT AND OPERATORS |

CK

## CHECK PAYABLE TO

## AMOUNT

$\$$
$\$$
$\$$
$\$$
$\$$
$\$$
$\$$
$\$$
$\$$
$\$$
$\$$
$\$$
$\$$
$\$$
$\$$
$\leftrightarrow \circlearrowleft$

$\leftrightarrow$

## NORTH LITTLE ROCK WASTEWATER CASH DISBURSEMENTS MARCH 31, 2017

| \# | PAYABLE TO | AMOUNT |  | DESCRIPTION |
| :---: | :---: | :---: | :---: | :---: |
| 41055 | A-1 RECOVERY | \$ | 189.88 | WINCH OUT VEHICLE \#107 |
| 41056 | ADVANTAGE SERVICE COMPANY | \$ | 75.00 | RPZ VALVE REPAIR AT WHITE OAK |
| 41057 | AFLAC | \$ | 2,303.24 | SUPPLEMENTAL INSURANCE-EMPLOYEE DEDUCTIONS |
| 41058 | AGA | \$ | 110.00 | ASSOC. OF GOV'T ACCOUNTANTS ANNUAL DUES GINA BRILEY |
| 41059 | ARK-CRETE BLOCK COMPANY | \$ | 70.74 | 45 HAYDITE BLOCKS 5-MILE TREATMENT PLANT |
| 41060 | ARKANSAS BLUE PRINT CO. INC. | \$ | 182.28 | 4 ROLLS PAPER FOR PLOTTER (36" X 300') |
| 41061 | ARKANSAS DEMOCRAT GAZETTE | \$ | 163.28 | LEGAL AD FOR 5-MI CREEK 25HP AERATOR MOTOR MODULES PROJECT |
| 41062 | ASPHALT PRODUCTS LLC | \$ | 1,836.19 | 19.41 TONS COLD MIX FOR STOCK AR SOCIETY PROF SURVEYORS; RON OUZTS 2017 DUES \& SPRING |
| 41063 | ASPS | \$ | 375.00 | CONFERENCE |
| 41064 | AT\&T | \$ | 309.94 | LAND LINE FOR WHITE OAK AND FIVE MILE AND GATE AT FAULKNER |
| 41065 | BATTERY OUTFITTERS | \$ | 83.60 | BATTERIES FOR SSES AND SURVEY EQUIPMENT |
| 41066 | CAPITAL FIRE EXTINGUISHER CO | \$ | 85.98 | ANNUAL FIRE EXTINGUISHER INSPECTIONS - MAUMELLE |
| 41067 | CAPITOL EQUIPMENT | \$ | 666.87 | STARTER REPAIR-555D5 BACKHOE |
| 41068 | CROSSROADS WESTERN WEAR | \$ | 1,848.20 | EMPLOYEE OSHA COMPLIANT SAFETY SHOES FOR 14 EMPLOYEES |
| 41069 | DARRELL R. SANSOM | \$ | 3,000.00 | COMPUTER TROUBLESHOOTING AND CONSULTING FOR MARCH |
| 41070 | DWAYNE MARROW | \$ | 92.64 | EMPLOYEE REIMBURSEMENT OSHA SAFETY SHOES 2017 <br> ELECTRIC BILL: CLAYTON CHAPEL, AUSTIN LAKES, $5-\mathrm{MI}$ NORTH, $5-\mathrm{MI}$ GATE, MARCHE PS, TRAMMEL ESTATES PS, CHAPEL RIDGE PS\#442, FRONTIER DR PS, MCALMONT PS, MIDSTATE PS, RIXIE PS HWY 161, EUREKA GARDENS JUDY LN PS, EUREKA GARDENS RD PS, QUAPAW PS, EUREKA GARDENS 46TH ST PS, HILL LAKE PS, RIXIE RD PS, RIXIE PS LUCKY DR, MAUMELLE VALLEY, OSAGE FALLS PS, OSAGE HILLS, PONCA PS, SEMINOLE WEST PS, SEMINOLE EAST, ODOM BLUE MTN PS, NEW BEDFORD PS, NAYLOR PS, 5-MI CK \#1, 5-MI SOUTH BLDG, 5-MI INFL PUMP, MAUMELLE SURGE BASIN \& AERATOR, MAUMELLE PS\#2\&\#3, MAUMELLE PS\#4, MURPHY DR PS, MAUMELLE MAINT TRAINING BLDG., HIGH SCHOOL |
| 41071 | ENTERGY | \$ | 47,396.60 | PS, MAUMELLE MAIN BLDG, |
| 41072 | EXPRESS OIL CHANGE | \$ | 67.12 | OIL CHANGE \& WIPER BLADES - UNIT \#80 |
| 41073 | FRANKLIN AUTOMATION INC. | \$ | 96.36 | SOLENOID VALVE PART FIVE MILE CHLORTAINER |
| 41074 | FUELMAN | \$ | 9,973.30 | FUEL PURCHASES FOR FEBRUARY 2017 |
| 41075 | GIBBS SERVICE COMPANY | \$ | 979.60 | ADDED A SUPPLY AIR REGISTER IN LAB BUILDING |
| 41076 | GRAVEL RIDGE SEWER DISTRICT | \$ | 16,409.09 | FEBRUARY CYCLE 9 COLLECTIONS AND END OF MONTH ACTIVITY |
| 41077 | HD SUPPLY WATERWORKS | \$ | 197.69 | BLADE FOR CUT OFF SAW REP \#4 |
| 41078 | HUM'S HARDWARE | \$ | 19.43 | TARP STRAPS - ENGINEERING <br> UNINSTALLED, REINSTALLED AC UNIT IN OPERATOR OFFICE 5-MILE |
| 41079 | IBC, LLC OF ARKANSAS | \$ | 812.00 | PLANT, CUT HOLE AND BLOCKED UP WALL |

## NORTH LITTLE ROCK WASTEWATER

| $\begin{gathered} \text { CK } \\ \text { \# } \end{gathered}$ | CHECK PAYABLE TO | AMOUNT |  | DESCRIPTION |
| :---: | :---: | :---: | :---: | :---: |
| 41080 | INSTRUMENT \& SUPPLY, INC. | \$ | 2,792.05 | 150HP HYDROMATIC PUMP IMPELLER MAUMELLE EFFLUENT PS |
| 41081 | INTERSTATE TIRE | \$ | 21.60 | FLAT REPAIR WITH SENSOR PM\#124 |
| 41082 | JIMMY DON WADDLES HAULING, INC. | \$ | 2,070.00 | BIOSOLIDS HAULING FROM MAUMELLE |
| 41083 | JOSEPH T. RYERSON \& SON | \$ | 274.82 | SUPPLIES TO REBUILD SLIDE BRACKETS FOR COCK OF THE WALK PS MEASURING WHEELS, SMART LEVELS, MARKING PAINT, NITRILE GLOVES, |
| 41084 | L\&L MUNICIPAL SUPPLIES \& TOOL | \$ | 2,406.22 | LEATHER WORK GLOVES, RUBBER PALM GLOVES |
| 41085 | LARRY ENGLISH | \$ | 106.00 | EMPLOYEE REIMBURSEMENT OSHA SAFETY SHOES 2017 |
| 41086 | LEGAL SHIELD | \$ | 139.55 | PRE-PAID LEGAL SERVICES-EMPLOYEE DEDUCTIONS |
| 41087 | MIKE DUNAHM | \$ | 86.79 | EMPLOYEE REIMBURSEMENT OSHA SAFETY SHOES 2017 |
| 41088 | MUNICIPAL HEALTH BENEFIT FUND | \$ | 67,360.00 | HEALTH INSURANCE PREMIUM FOR APRIL 2017 |
| 41089 | NORTH LITTLE ROCK ELECTRIC | \$ | 1,020.36 | ELECTRIC BILL: WILCOX PS, FL CS \& ENG BLDG, I-440 IND PARK PS |
| 41090 | NORTHSIDE SALES CO. | \$ | 171.71 | GLOVES, SAFETY GLASSES, WASP KILLER - FIVE MILE |
| 41091 | OFFICE DEPOT | \$ | 104.46 | OFFICE SUPPLIES BILLING OFFICE |
| 41092 | PETTUS OFFICE PRODUCTS | \$ | 690.06 | OFFICE SUPPLIES ENGINEERING, ADMIN, LAB \& PRETREATMENT |
| 41093 | POLYTEC, INC. | \$ | 6,816.38 | 3000 LBS POLYMER FOR FAULKNER LAKE BELT PRESS |
| 41094 | RON OUZTS | \$ | 64.84 | EMPLOYEE REIMBURSEMENT OSHA SAFETY SHOES 2017 |
| 41095 | SEWER DISTRICT \# 211 | \$ | 48,883.64 | FEBRUARY CYCLE 9 COLLECTIONS AND END OF MONTH ACTIVITY |
| 41096 | SONNY FULMER TRUCKING | \$ | 1,332.93 | CONCRETE REPAIR 2705 SEMINOLE; GRAVEL HAULING 11 LOADS |
| 41097 | T\&T EQUIPMENT | \$ | 260.40 | 55 GALLON DRUM OF CAR WASH SOAP |
| 41098 | TERMINIX | \$ | 321.43 | ANNUAL RENEWAL TERMITE PROTECTION ADMIN BLDG 4/1/17-3/31/18 |
| 41099 | VERIZON WIRELESS | \$ | 1,474.35 | MONTHLY CELL PHONE BILL |
|  |  |  |  | MONTHLY DUMPSTER SERVICE FOR ALL PLANTS, SHILLCUTT P.S., VAC- |
| 41100 | WASTE MANAGEMENT | \$ | 3,148.04 | CONS AND PIPE YARD |
|  | NET PAYROLL FOR PAY PERIOD ENDED 3/5/17 | \$ | 112,769.82 | PAID TO EMPLOYEES ON $3 / 7 / 17$ |
|  | NET PAYROLL FOR PAY PERIOD ENDED 3/19/17 | \$ | 108,305.40 | PAID TO EMPLOYEES ON 3/21/17 |
|  |  | \$ | 1,232,316.48 |  |
|  | ARK. FEDERAL CREDIT UNION | \$ | 25.00 | MONTHLY FEE FOR ELECTRONIC DEPOSIT |
|  | ADFA-LOAN PAYMENTS | \$ | 301,378.19 | MONTHLY LOAN PAYMENTS DRAFTED FROM ACCOUNT |
|  | 2016 CONSTRUCTION FUND | \$ | 949,617.66 | TOTAL DISBURSEMENTS FOR ACCOUNT |
|  | TOTAL UTILITY CASH DISBURSEMENTS | \$ | 2,483,337.33 |  |

NORTH LITTLE ROCK WASTEWATER


## NORTH LITTLE ROCK WASTEWATER

| DATE |  | AMOUNT | TO | FROM | DESCRIPTION |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 3/1/2017 | \$ | 41,666.67 | REHABILITATION | SEWER | MONTHLY REQUIRED TRANSFER |
| 3/1/2017 | \$ | 205,700.00 | OPERATING | SEWER | TRANSFER FOR CHECKS PAID ON $3 / 1$ |
| 3/6/2017 | \$ | 112,700.00 | OPERATING-PAYROLL | SEWER | TRANSFER FOR PAY PERIOD ENDED 3/5, PAID TO EMPLOYEES ON $3 / 7$ |
| 3/10/2017 | \$ | 278,200.00 | OPERATING | SEWER | TRANSFER FOR CHECKS PAID ON 3/6-3/10 |
| 3/10/2017 | \$ | 500.00 | OPERATING-PAYROLL | SEWER | INCREASE BALANCE OF PAYROLL FUND |
| 3/10/2017 | \$ | 365.98 | SEWER | SERIES 2012 | CLOSE SERIES 2012 FUND BALANCE |
| 3/15/2017 | \$ | 105,600.00 | OPERATING | SEWER | TRANSFER FOR CHECKS PAID ON $3 / 15$ |
| 3/20/2017 | \$ | 108,300.00 | OPERATING-PAYROLL | SEWER | TRANSFER FOR PAY PERIOD ENDED 3/19, PAID TO EMPLOYEES ON $3 / 21$ |
| 3/24/2017 | \$ | 194,900.00 | OPERATING | SEWER | TRANSFER FOR CHECKS PAID ON 3/20-3/24 |
| 3/29/2017 | \$ | 226,900.00 | OPERATING | SEWER | TRANSFER FOR CHECKS PAID ON 3/29 |
| 3/31/2017 | \$ | 42,356.73 | SEWER | REHABILITATION | TRANSFER FOR PREVIOUS MONTHS EXPENDITURES |

(3)

# FINANCIAL STATEMENTS FOR MARCH 2017 

## ACTION REQUESTED:

Approve the Financial Statements for March 2017.





## LIABILITIES

## CURRENT LIABILITIES

ACCOUNTS PAYABLE
OWED TO OTHER DISTRICTS FRANCHISE FEE PAYABLE

PAYABLE TO RIXIE


ACCRUED SICK LEAVE


ACCRUED PENSION PLAN CONTRIBUTION
TOTAL CURRENT LIABILITIES

## OTHER LIABILITIES

BONDS PAYABLE-SERIES "A"
BONDS PAYABLE-SERIES "B"
BONDS PAYABLE-SERIES 2001

BONDS PAYABLE-SERIES 2012
BONDS PAYABLE-SERIES 2016
NET PENSION L\{ABILITY TOTAL OTHER LIABILITIES

## EQUITY

CONTRIBUTED CAPITAL
DONATED CAPITAL
CURRENT YEAR NET INCOME / (LOSS) TOTAL EQUITY

TOTAL LIABILITIES \& EQUITY



$$
\begin{array}{r}
\$ 2,965,600.00 \\
\$ 634,900.00 \\
\$ 620,250.00 \\
\$ 88,200.00 \\
\$ 12,600.00 \\
\$ 0.00 \\
\$ 384,300.00 \\
\$ 20,700.00 \\
\$ 3,000.00 \\
\$ 77,700.00 \\
\$ 0.00 \\
\$ 7,800.00 \\
\$ 0.00 \\
\$ 1,800.00 \\
\$ 1,200.00 \\
\hline \$ 4,818,050.00 \\
\hline
\end{array}
$$



## REVENUE


NON OPERATING REVENUE iNTEREST EARNED INCOME-SECURITES INTEREST EARNED INCOME-CHECKING INTEREST EARNED INCOME-NOTES DISCOUNTS EARNED
TOTAL NON-OPERATING REVENUE
TOTAL REVENUE

 Income Statement


$\$ 3,993,300.00$

OPERATING EXPENSES WALKING CREW TROUBLE CREW MANHOLE CREW POWER DRIVE CREW
TELEVISION CREW $\# 1$ TELEVISION CREW \#2 TEL ECTION SYSTEMS REPAIR CREW \#1 REPAIR CREW \#2 REPAIR CREW \#3 REPAIR CRE POWERRODDIN VAC-CON CREW \#1 VAC-CON CREW \#2 NAC-CON CREWH4 VAC-CON CREW \#5 SURVEY CREW

LOCATION WORK ENGINEERING OSES

ENGINEERING-SSES
GENERAL ENGINEERING DEPT. PRETREATMENT DEPARTMENT

REATMENT DEPARTMENT
PUMP STATION DEPARTMENT BILLING DEPARTMENT

ADMINISTRATIVE
(GAIN) LOSS ON PROPERTY DISPOSALS DEPRECIATION EXPENSE-NON VEHICLE PENSION EXPENSE

EMERGENCY REPAIRS
TOTAL OPERATING EXPENSES
NON-OPERATING EXPENSES
INTEREST ON DEBT-ALL BONDS TOTAL NON-OPERATING EXPENSES

TOTAL EXPENSES
NET INCOME (LOSS)





| ど $269^{\prime}\left\llcorner\downarrow 8^{\prime} \downarrow\right.$ \＄ |
| :---: |
| ャレ゚01で6\＄ |
| $00 \cdot 988{ }^{\text {¢ }}$ \＄ |
| 19®こ己て\＄ |
| £どて0ع＇し\＄ |
| SL＇L90＇1\＄ |
| GG 1 LE＇${ }^{\text {S }}$ |


| $\$ 359,969.05$ |
| ---: |
| $\$ 216,795.36$ |
| $\$ 239,907.46$ |
| $\$ 28,244.00$ |
| $\$ 4,162.32$ |
| $\$ 0.00$ |
| $\$ 109,687.12$ |
| $\$ 34,397.28$ |
| $\$ 885.54$ |
| $\$ 28,052.55$ |
| $\$ 0.00$ |
| $\$ 1,840.00$ |
| $\$ 0.00$ |
| $\$ 1,750.00$ |
| $\$ 440.00$ |
| $\$ 1,626,130.68$ |


| $\$ 941.14$ |
| ---: |
| $\$ 441.60$ |
| $\$ 448.58$ |
| $\$ 89.14$ |
| $\$ 0.00$ |
| $\$ 1,920.46$ |

ャレㄴGO＇8Z9＇レ\＄











 $\frac{\text { Z6．} \angle 99^{\prime} \text { 9IZ }}{\text { Z6 }}$
$\$ 3,556,417.59$







99＇600＇962\＄

OPERATING EXPENSES WALKING CREW TROUBLE CREW

MANHOLE CREW
POWER DRIVE CREW
TELEVISION CREW \＃1
TELEVISION CREW \＃2
COLLECTION SYSTEMS－GENERAL REPAIR CREW \＃1 REPAIR CREW $\# 2$ REPAIR CREW \＃3 REPAIR CREW \＃4

POWER RO
VAC－CON CREW \＃1
～
3
3
世
r
2
0
0
0
4
3
 VAC－CON CREW \＃4 VAC－CON CREW \＃5

SURVEY CREW
LOCATION WORK
ENGINEERING OFFICE
ENGINEERING－SSES
GENERAL ENGINEERING DEPT． PRETREATMENT DEPARTMENT

TREATMENT DEPARTMENT
PUMP STATION DEPARTMENT BILLING DEPARTMENT

ADMINISTRATIVE S7VSOdSIO 人」yヨdOyd NO SSO7（NIVO） DEPRECIATION EXPENSE－NON VEHICLE PENSION EXPENSE

EMERGENCY REPAIRS
TOTAL OPERATING EXPENSES NON－OPERATING EXPENSES INTEREST ON DEBT－ALL BONDS TOTAL NON－OPERATING EXPENSES
For the Three Months Ending



> REVENUE


NON OPERATING REVENUE
INTEREST EARNED INCOME-SECURITES
INTEREST EARNED INCOME-CHECKING INTEREST EARNED INCOME-NOTES

DISCOUNTS EARNED
MISCELLANEOUS INCOME
TOTAL NON-OPERATING REVENUE
TOTAL REVENUE


| ¢ | $\bigcirc$ |
| :---: | :---: |
| $\underset{\sim}{\infty}$ | － |
| 会守 | ¢ |



$$
\begin{array}{l|}
\hline 8 \\
8 \\
\underset{7}{0} \\
0 \\
00 \\
00 \\
0 \\
\sim \\
0 \\
\hline 0
\end{array}
$$






 MARCH
2016


 | MARCH |
| :--- |
| 2017 |



TOTAL EXPENSES
（SSO7）ヨWOONI $\perp \exists \mathrm{N}$

OPERATING EXPENSES


LOCATION WORK

GENERAL ENGINEERING DEPT PRETREATMENT DEPARTMENT

PUMP STATION DEPARTMENT
BILLING DEPARTMENT
ADMINISTRATIVE
（GAIN）LOSS ON PROPERTY DISPOSALS
 PENSION EXPENSE EMERGENCY REPAIRS TOTAL OPERATING EXPENSES NON－OPERATING EXPENSES INTEREST ON DEBT－ALL BONDS
BOND ISSUANCE COSTS－ALL

TOTAL NON－OPERATING EXPENSES

| \$ 1,135,300 |  |
| :---: | :---: |
| \$ | 181,900 |
| \$ | 953,400 |
| \$ | 767,200 (1) |
| \$ | 343,600 (2) |
| \$ | 297,300 (3) |
| \$ | $(223,700)(4)$ |
| \$ | $(119,800)(5)$ |
| \$ | 93,600 (6) |
| \$ | $(63,800)(7)$ |
| \$ | $(41,600)(8)$ |
| \$ | $(38,600)(9)$ |
| \$ | $(20,900)(10)$ |
| \$ | $(18,300)(11)$ |
| \$ | $(6,400)(12)$ |
| \$ | $(15,200)$ |
| \$ | 953,400 |

## NET INCOME AS OF 3/31/16

## DIFFERENCE BETWEEN 2017 AND 2016

INCREASE IN SLUDGE DISPOSAL EXCEPT MAUMELLE
ncrease in billing service re NEW REPAIR CREW LESS LABOR \& DEPRECIATION

[^0]INCREASE IN LOSS ON PROPERTY DISPOSALS INCREASE IN SLUDIGE DISPOSAL EX

MAUMELLE PUMP STATIONS EXPEN
MAUMELLE SERVICE CHARGES
DECREASE IN EMERGENCY REPAIRS
INCREASE IN SERVICE CHARGES
INCREASE IN DEPRECIATION
MAUMELLE TREATMENT PLANT LESS LABOR
INCREASE IN INDUSTRY SURCHARGES
INCREASE IN LABOR
AMOUNT BILLED TO THE MAUMELLE CUSTOMERS SO FAR THIS YEAR. WE DID NOT RECORD REVENUE 'FOR MAUMELLE UNTIL APRIL OF LAST YEAR.
EMERGENCY REPAIRS FOR FAULKNER LAKE RECORDED LAST YEAR.
INCREASE IN AMOUNT BILLED TO NLR CUSTOMERS DUE TO THE RATE CHANGE WHICH WAS EFFECTIVE
WITH THE $2 / 1 / 17$ BILLINGS. WITH THE $2 / 1 / 17$ BILLINGS.
INCREASE IN THE AMOUNT
INCREASE IN THE AMOUNT OF PROPERTY DEPRECIATED WHICH INCLUDES THE MAUMELLE ASSETS EXPENSES RELATED TO THE MAUMELLE TREATMENT PLANT LESS LABOR COST. WE DID NOT RECORD EXPENSES UNTIL MARCH OF 2016.
THE V.A. HAD A LARGE BOD SURCHARGE AND THE MAUMELLE INDUSTRIES OF CINTAS AND AND KIMBERLY CLARK HAD BOD SURCHARGES THIS YEAR,
INCREASE IN LABOR COST WHICH INCLUDES THE ADDITION OF EMPLOYEES.
INCREASE IN PROPERTY WHICH WAS DISPOSED OF WITH STILL A BOOK VALUE.
INCREASE DUE TO MORE LOADS HAULED THIS YEAR.
MAUMELLE CUSTOMERS.
EXPENSES RELATED TO THE MAUMELLE PUMP STATIONS ONLY. WE DID NOT RECORD ANY EXPENSES UNTIL MARCH OF 2016.
E ©

## (4)

## 2016 AUDIT REPORT

Lindsey Baker from EGP, PLLC will present the 2016 audit report.

## ACTION REQUESTED:

Accept the audit report and authorize distribution.

## (5)

## EAST $4^{\text {TH }}$ STREET \& POPLAR SEWER EXTENSION

Existing customers in the building southeast of the intersection of E. $4^{\text {th }}$ St. and Poplar St. are served by a 4-inch clay main that extends from the south side of $E$. Broadway.

Multiple stoppages have occurred in this line segment over the past year, and staff have 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 pipe.

A proposed development north of E. $4^{\text {th }}$ Street presents an option to improve service to these existing customers at $4^{\text {th }}$ and Poplar. By deepening and extending the sewerage improvements for the new development, service to our 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.

## ACTION REQUESTED:

Authorize staff 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 $4^{\text {th }}$ Street and Poplar.


## (6)

## PURCHASE VEHICLES FOR COLLECTION SYSTEMS DEPARTMENT

The collections systems department needs to purchase two vehicles from the State contact to replace current units \#21 and \#82.

| Unit No.: | $\mathbf{2 1}$ | $\mathbf{8 2}$ |
| :--- | :--- | :--- |
|  |  |  |
| Year Model: | 1994 GMC CB | 2006 Chev 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: | $\$ 30,000$ | $\$ 25,000$ |

Both of the older units will be kept for spare vehicles.

## ACTION REQUESTED:

Authorize staff to purchase the replacement vehicles off the State contract.

## (7)

## FIVE MILE CREEK TREATMENT PLANT 25 HP AERATORS

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 in each lagoon. Staff have received bids to replace eight 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 copy of the tabulation of bids is attached.

## ACTION REQUESTED:

Authorize staff to purchase eight (8) 25 HP aerators from Evoqua Water Technologies, LLC in the amount of $\$ 38,600.00$.
$\xrightarrow[\text { N. }]{\text { Bid Opening Tabulation }}$
Bíd Opening Sign In Sheet
NLRWU Administration Building
Five Mile Creek Treatment Plant 25 HP Aerator
Total



## (8)

## COMPUTERIZED MAINTENANCE MANAGEMENT SYSTEM (CMMS)

According to Wikipedia, a computerized maintenance management system (CMMS) 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. NLRW will utilize the CMMS to:

- Track work orders
- Schedule tasks
- Track external work requests
- Record asset history
- Manage inventory
- Audit and certification of an asset's maintenance history

Shannon Wayson led our team of supervisors through an evaluation of four software products and will give a short presentation of that process.

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

# North Little Rock Wastewater Utility 

Cityworks Server AMS<br>Implementation

April 6, 2017

## Table of Contents

Executive Summary ..... 3
Company Overview ..... 4
Scope of Services ..... 6
Project Costs ..... 8

## Executive Summary

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 costsavings 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.

Partner Network
Gole

## Company Overview

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-ofbusiness 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

## 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 postimplementation 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

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

## Project Software Cost Summary

| Project Item |  | Cost |
| :--- | :---: | :---: |
| Cityworks ELA* | $\$ 45,000$ |  |
| Esri Small Utility EA* |  | $\$ 25,000$ |
|  |  | Total |
|  |  | $\$ 70,000$ |

## 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

Customer Name

Address 1

## Address 2

City/State/Zip

Authorized Signature

Printed Name


Date

True North Geographic Technologies LLC

True North Representative
$\qquad$

## 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) | $\$ 23,750$ |  |  |  |
| Total |  |  |  | $\$ 48,550$ |

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) | $\$ 23,750$ |  |  |  |
| Total |  |  |  | $\$ 33,550$ |

## 3-Year Average Esri Software Cost: $\mathbf{\$ 3 8 , 5 5 0}$ 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: $\mathbf{\$ 2 5 , 0 0 0}$ per year

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

## Enterprise GIS Support Blocks

## TRUE NORTH

GEOGRAPHIC TECHNOLOGIES
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 <br> 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

Customer Name

Address 1

Address 2

City/State/Zip

## Authorized Signature

## Printed Name



PO Number (if applicable)

True North Geographic Technologies LLC

True North Representative


Date

## Key Personnel

Years of Experience

Education
BS, Electrical Engineering, Tennessee Tech University, 1994

## Certifications / Training

ArcSDE Administration
System Design Strategies
Cityworks Server Admin


Awards / Achievements TNGIC GIS Champion Award, 2009

Esri Partner of the Year, 2010
Affiliate / Memberships Tennessee Geographic Information Council (TNGIC) President, 2003 Vice President, 2002 Board Member, 2001-2003 Board Member, 2006-2008

## David Speight

True North Geographic Technologies
Principal / Owner
Murfreesboro Office
David has worked with local government as both an employee and as a consultant for over 20 years, providing implementation services for utilities, public safety, planning and many other agencies. David has experience with system design and implementation and has worked with Cityworks and other work order management solutions for over 10 years.

Utility Clients:

- Consolidated Utility District of Rutherford County
- Murfreesboro Water \& Sewer
- Middle Tennessee Electric Membership Corporation
- Cumberland Electric Membership Corporation
- Lenoir City Utilities Board
- Jackson Energy Authority
- Middle Tennessee Natural Gas
- Boston Water \& Sewer Commission
- Raleigh Public Utilities
- Gibson County Utility District

Local Government Clients:

- Rutherford County Office of Information Technology
- Morristown/Hamblen GIS Council
- Town of Collierville GIS
- Bradley County, TN GIS
- Putnam/Cookeville GIS Council
- Shelby County, AL
- City of Pelham, AL
- Hamilton County, TN GIS


## Zachary Layne, P.E.

True North Geographic Technologies
Project Manager- Primary POC
Nashville Office

## Years of Experience

Education
BS, Civil Engineering, University of Kentucky, 1994

Licensing
Professional Engineer
TN: 106593

Certifications / Training
Esri: System Architecture
Design Strategies
Esri: Implementing a GIS Project

Esri: Working with Geometric Networks for Utilities

Cityworks: Designer
Configuration Parts 1 \& 2

## Affiliate / Memberships

Tennessee Geographic Information Council
(TNGIC)

American Society of
Civil Engineers
(ASCE)

Zach joined True North in April 2014 and manages activities with Infrastructure clients. His career includes 10 years of experience at Esri working with utilities and government agencies in Tennessee and Virginia. Prior to joining Esri, Zach was a project engineer and the Director of GIS at a full-service architectural-engineering firm based in Nashville, Tennessee. His work there included engineering design and project management with water, waste water and transportation clients.

## Relevant Projects / Experience:

- Engineering and GIS experience with state \& local government agencies and utilities
- Discovery Workshops
- ArcGIS Platform System Architecture
- Project Management


## Hixson Utility District

Project manager for Cityworks and ArcGIS for Water Utilities projects. Provides guidance on water utility technology including ArcGIS Online, Esri mobile applications, and Innovyze modeling solutions.

## Town of Apex, North Carolina

Performed assessment of technologies, workflows and business priorities. Created a comprehensive action plan for adopting ArcGIS Platform solutions to address priority needs.

## City of Virginia Beach

Performed analysis of enterprise technology deployed in multiple city departments. Provided system architecture and Esri technology recommendations for desktop, server, online and mobile solutions. Identified opportunities to leverage technology to improve the efficiency and quality of decision making.

## Bowling Green Municipal Utilities

Created a 5000-pipe water distribution system model using consumer demand databases and multiple CAD and GIS data sources. Analyzed water distribution system performance and proposed capital improvements.

## Dawn Fletcher

True North Geographic Technologies
Cityworks Specialist
Cross Plains Office

## Years of Experience

12
Education
BA, Management \& Human Resources, Trevecca Nazarene University, 2004

## Certifications / Training

 Cityworks AMS AdministrationCityworks PLL Administration

Awards<br>Cityworks Innovative Leadership Award, 2006<br>Most Unique Crystal<br>Report, 2011

Publications
Two articles published on how White House Utility District improved daily operations using Cityworks

Cityworks InPrint Winter 2006 Cityworks InPrint Spring 2012

For the past 12 years, Dawn has been an active member in the Cityworks community. Her first-hand experience in implementing and administering the software at White House Utility District led to her position at Azteca Systems where she supported a wide array of clients in their use of the Cityworks software. She joined True North in November 2015 to share her experience with clients seeking alternatives to their current workflows.

## Relevant Projects / Experience:

Shelby County (Alabama) Cityworks PLL Implementation
Need something here

## Azteca Systems, LLC - Sandy, UT - Client Account Manager

Dawn worked one-on-one with clients all over the northeast and Great Lake region. She assisted users in applying Cityworks to achieve greater efficiency and accountability in public asset management, permitting, licensing and more. Working with utilities and government agencies in the management of their infrastructure led to a better understanding of workflows and best practices.

White House Utility District - White House, TN - Special Projects Coordinator Coordinated the implementation of Cityworks throughout this water/wastewater organization in 2004 and automated manual, time-consuming processes. The success of Cityworks led to other projects to increase efficiency and Dawn assisted with a website implementation, Voice Over IP telephone installation with an extensive Interactive Voice Response system, Automated Vehicle Tracking installations and an automated call-out system.

## Andy Koostra

True North Geographic Technologies GIS Solution Engineer
Murfreesboro Office

Years of Experience

Education
BS, Agriculture, Western Kentucky University, 1997

Certifications / Training
Certified GIS Professional
(GISP)
ArcSDE Administration for SQL Server

System Architecture Design Strategies

Awards / Achievements
Esri Special Achievement in GIS, 2010

Graduate Leadership Rutherford County, TN,

2010

## Affiliate / Memberships

 Tennessee Geographic Information Council(TNGIC) 2001-Present

Andy has been active in GIS and IT including both the private and public sector for over 17 years. Prior to going True North in 2015, he spent 2 years in IT with a focus on infrastructure design and support. Past experience includes over 8 years as GIS / IT manager for the largest water utility district in Tennessee.

## Relevant Projects / Experience:

Hendersonville Utility District - Hendersonville, TN - Enterprise GIS Installed and configured ArcGIS Server and ArcSDE to the latest software release. Migrated GIS database to latest version of Esri's Local Government Information Model. Updated web applications to reflect changes in information storage methods. Worked with HUD staff to streamline daily maintenance compliance needs.

## Greer Commission of Public Works - Greer, SC - Enterprise GIS

Installed and configured Esri's enterprise software to best practice recommendations. Configured organization's ArcGIS Online presence with active directory integration. Migrated legacy GIS gas database into Esri's Utility and Pipeline Data Model. Configured field solution based on Esri application templates.

## Lenoir City Utilities Board - Lenoir City, TN - Enterprise GIS Support and Development <br> Provide ongoing GIS support to LCUB staff. Work with LCUB's vendors and engineers to streamline field data collection. Develop and maintain GIS applications for use by office and field staff. Implement and maintain CIS (Customer Information System) and AVL integration to GIS. Support ongoing water and gas CAD conversion projects.

# Atley Davidson 

True North Geographic Technologies<br>GIS Solution Engineer<br>Chattanooga / Signal Mountain

Years of Experience

Certifications / Training<br>ArcSDE Administration for SQL Server

Developing Applications with VB.net

## Affiliate / Memberships

Tennessee Geographic Information Council (TNGIC) 2003-Present

TNGIC Metadata Trainer 2005-2006

Atley has been an active member of the Tennessee GIS and utility communities since 2003 and has been member of the True North team since 2011. He spent the previous 8 years working for the Hamilton County GIS Department as their SDE/Cityworks database administrator and lead technical support staff member for multiple utility agencies in Hamilton County. Atley has become one of our lead team members for system implementation and database development.

Relevant Projects / Experience:

## City of Chattanooga Water Quality Data Management System Chattanooga, TN - Enterprise GIS

A customized system leveraging Enterprise GIS, SQL Server, and SharePoint for managing current workflow data, generate reports, and track communication with customers. Provide unique solution for each organization task that supports existing Public Works Cityworks workflow, required reporting, and mobile data collection.

## Metropolitan Sewer District of Buncombe County - Asheville, NC Enterprise GIS for Cityworks integration

Migrated customer to Esri Local Government Model to allow customer to fully leverage Granite XP and Cityworks implementations. Supported implementation of the Esri Local Government Model and ArcGIS Server migration.

Hendersonville Utility District - Hendersonville, TN - Enterprise GIS
Migrated GIS database to Local Government Information Model and developed an operational dashboard website. Implemented system that allows staff to do "real time" mobile inspections on hydrants, manholes and valves. Provided integration support for AVL. Supported implementation of the Esri Local Government Model and ArcGIS Online.

## Chris Prater

True North Geographic Technologies GIS Solutions Developer
Murfreesboro Office

## Years of Experience

## Education

Post-Graduate Certificate,
GIS and Spatial Analysis,
Western Kentucky
University, 2005
BS, Geosciences, Middle
Tennessee State
University, 2003
Certifications / Training
Certified GIS Professional (GISP)


Affiliate / Memberships Tennessee Geographic Information Council (TNGIC)

Association of American Geographers American Society for Photogrammetry and Remote Sensing Urban and Regional Information Systems Association

Chris has been developing desktop and server applications using Esri technology with True North for eight years. His work has helped multiple local government and utility clients receive Special Achievement in GIS (SAG) awards from Esri at their annual user conference.

## Relevant Projects / Experience:

Middle Tennessee Electric Membership Corporation - Murfreesboro, TN Provides ongoing development of corporate GIS web dashboard applications. This application leverages the Esri's Web AppBuilder to integrate GIS data with existing business systems including outage management, automated vehicle tracking, SCADA, SAP, and OnBase document management.

## Metro Sewer District of Buncombe County - Asheville, NC

Develop custom web dashboard using Adobe Flex to provide a common operating picture of the utility network and live data feeds from the field including flow monitors and SCADA information.
Hamilton County GIS - Chattanooga, TN
Develop interactive public mapping website for Hamilton County Government using ArcGIS Server and the Flex web API. Site included custom skinning of the ArcGIS Viewer for Flex as well as multiple customizations using the widget framework.

## Development Skills

- VB.NET / VBA / VBScript
- Adobe Flex Actionscript
- Javascript
- Python
- Qt
(9)


## 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 year. Staff have been in negotiations with Waste Management and have received the terms for a new 3-year agreement. Based on current usages, the new rates will result in $\$ 16,587$ savings for the first year. Year's two and three will be subject to increases not to exceed 5\% per year.

Costs for solid waste hauling in 2016 were:
Biosolids $\quad \$ 205,900$
Dumpsters \$37,800
Total including taxes and surcharges $\$ 243,700$

## ACTION REQUESTED:

Authorize staff to enter into a 3-year service agreement with Waste Management subject to review of the agreement by The Hilburn Firm.


REASON CODE

 CONIRACT EFFECTIVE DATE BILL. NAME NIR Waste Water BILL. ADDR PO BOX 17898 BILL AODR 2 CITY, ST ZIP North Little Rock, AR 72117 COUNTY N/A TEL\# FAX $\#$ CONTACT E-MAIL
sIC Code
Type of Buslness
$\qquad$

EQUIPMENT/SERVICE SPECIF|CATIONS -


| CUSTOMER DEPOSIT |  | TERM | 36 mth |
| :--- | :--- | :--- | :---: |
| P.O. NUMBER |  | RENEWABLE | 12 |
| JOB NUMBER |  | AMPID |  |
| RECEIPT REQUIRED? |  | OILL TC ACCT |  |
| TAXABLE |  | DISPOSAL SITE | $\mathrm{n} / \mathrm{a}$ |

THE UNDERSGGNED INIBNDUAL SIGNING TMIS ABAEEMENT ON BEMGLF OF CUSTOMER MCKNOWLEDGES THAT MESHE LAS READ AND UNIDERSTANDS THE TERMS ANG CONDTLINS OF THIS AGREEMENT, ON THE SECOND PAGE AND TWAT HESSHE HAS THE AUTHORITY YO SGN ON BEHALF OF THE CLSTOMER

- TERMS: DUE UPON RECEIPT ..

| CUSTOMER | NIR Waste Whater |  |
| :---: | :---: | :---: |
| AUTHORIZED SIGNATURE | X |  |
| TITLE | X \|DATE |  |
| NAME (PRINT OR TYPE) | X |  |
| COMPANY | Waste Management |  |
| WM- ALTHORIZED SIGNATURE |  |  |
| SALES PERSON\# | \#N/A 255275 DATE | 03/30/17 |


| SCHEDULE OF CHARGES AS REQUIRED |  |  |
| :---: | :---: | :---: |
| (***denoted services billed upon requasted servico) |  |  |
| mONTHLY TOTAL NSTALL TOTAL | N/A. |  |
|  | N/A |  |
| CASTERS** MONTHLYTOTAL | N/A |  |
| INSTALL TOTAL | NiA |  |
| OVERAGE CHARGE | 3125 | per coniainer |
| EXTRA PICKUP CHARGES *** |  |  |
| EXTRA PICKUP CMARGES ** |  |  |
| EXTRA PICKUP CHARGES *** |  |  |
| EXTRA PICKUP CHARGES ${ }^{\text {- }}$ |  |  |
| EXTRA PICKUP CMARGES ${ }^{\text {*- }}$ |  |  |
| CONTANER SERVICE FEE CHUTWS APRCE mone <br>  | walved | month per container |
| CONTANER EXCHANGE CMARGE | \$175.00 | / exchange |
| DELIVERY CHMARGE-- | \$ 15000 | each |
| TRIP CHARGE (UNABLE TO SERVICE)** | 5 | 7500 |
| REMOVAL FEE: $\cdot \cdots$ |  | 15000 |
| CUSTOMER SERVICE ASSISTEIS PAYMENT CHARGE… | \$ | 800 |
| RESTART FEE | 3 | 60 00 |
| CONTANER USAGE FEE | 5 | 000 |
| ADMINISTRATNE FEE |  | IVED |

## THE FOLLOWING TERMS AND CONDITIONS APPLY TO SOLID WASTE AND RECYCLING SERVICES (INCLUDING PERMANENT, TEMPORARY, COMMERCIAL AND RESIDENTIAL) AS MAY BE PROVIDED BY AFFILIATES AND SUBSIDIARIES OF WASTE MANAGEMENT, INC. ("COMPANY" )

## THIS IS A LEGALLY BINDING AGREEMENT.

1. SERVICES RENDERED; WASTE MATERIALS. Customer grants to Company the exclusive right, and Company through itself and its subsidiaries and corporate affiliates, shall furnish equipment and services, to collect and dispose of and/or recycle all of Customer's Waste Materials. Customer represents and warrants that the materials to be coltected under this Agreement shall be oniy "Waste Materials" as defined herein. For purposes of this Agreement. "Waste Materials" means all nonhazardous solid waste, organic waste and Recyclable Materials (as defined in Section 12 below) generated by Customer or at Customer's Service Address. Waste Materials includes Special Waste, such as industrial process wastes, asbestos-containing material, petroleum contaminated soils, treated/de-characterized wastes, and demolition debris, for which Customer shail complete a Special Waste Profile sheet to be approved by Company in writing Waste Mazterials excludes, and Customer agrees not to deposit or permit the deposit for collection of: any waste tires, radioactive, volatile, corrosive, flammable, explosive, biomedical, infectious, bio-hazardous regulated medical or hazardous waste, toxic substance or material, as defined by, characterized or listed under applicable federal, state, or local laws or regulations, any materials containing information protected by federal, state or local privacy and secunily laws or regulations (unless tendered to Company pursuant to Section 2.4, below), or Speciai Waste not approved in writing by Company (collectively, "Excluded Materials"). Title to and liability for Excluded Materiai shail remain with Customer at all times. Title to Customer's Waste inaterials is transierred to Company upon Company's receipt or collection unless otherwise provided in this Agreement or applicable law.
2. TERM. The Term of this Agreement is set forth on the Service Summary of this Agreement Uniess otherwise specified on the Service Summary, the Term shall automatically renew for the period set forth therein unless either party gives to the other party written notice (See Section 11(e)) of termination at least ninely (90) days. but not more than one hundred eighty (180) days, prior to the termination of the then-existing term. Notice of termination received at any other lime will be considered ineffective and the contract will be considered automatically renewed upon completion of the then-existing term.
3. SERVICES GUARANTY; CUSTOMER TERMINATION. If the Company fails to perform the services described within five business days of its receipt of a witten demand from Customer (See Section 11i(e)), Customer may terminate this Agreement with the payment of all monies due through the termination date If Company increases the Charges payable by Customer hereunder for reasons other than as set forth in Section 4 below, Customer shall have the right to terminate this Agreement by written notice to the Company no later than thirty $(30)$ days after Company notifies Customer of such increase in Charges in writing. If Customer so notifies Company of its termination of this Agreement, such termination shall be of no force and effect if Company withdraws or removes such increase within fifteen (15) days after Cusiomer provides timely notification of termination. Absent such termination, the increased charges shall be binding and enforceable against Customer under this Agreement.
4. CHARGES; PAYMENTS; ADJUSTMENTS. Upon receipt of an invoice, Customer shall pay any and all charges, fees and other arnounts payable under this Agreement for the services and/or equipment (including repair and maintenance) furnished by Company ("Charges"). Company reserves the right to increase the Charges payable by Customer during the Terin: (a) for any changes to, or differences between, the actual equipment and services provided by Company to Customer and those specified on the Service Summary; (b) for any change in the composition of the Waste Materials or if the average weight per yard of Customer's Waste Material's exceeds the amouni specified on the Service Summary; (c) for any increase in or other modification to the Company's Fuel Surcharge, Regulatory Cost Recovery Charge, Recycle Material Offset, Environmental Charge, and/or any Fees/Charges included in the Service Summary; (d) to cover any increases in disposal and/or third party transportation costs, including fuel surcharges; (e) to cover increased costs due to uncontrollable circumstances, including, without limitation, changes in local, state or federal laws or regulations, imposition of taxes, fees or surcharges or acts of God such as floods, fires, hurricanes and natural disasters; and (f) no more often than annually from the Effective Date (or if specified on the Service Summary, Customer's Last Annual Price Increase ("API") Date) for increases in the Consumer Price Index plus four percent of the then current Charges. Any increase in Charges enumerated in clauses (a) through (e) above may include an amount for Company's operating or profit margin. Company also reserves the right to charge Customer additional fees if the following additional services are provided to Customer: Enclosure Charge, Services on High Demand Days, Pull/Push Out Services, Container Relocation Fee, or Seasonal Restart Fee. In the event Company adjusts the Charges as provided in this Section 4, the parties agree that this Agreement as so adjusted will continue in full force and effect.
Any Customer invoice balance not paid within thity (30) days of the date of invoice is subject to a late fee, and any Customer check returned for insufficient funds is subject to a Non Sufficient Funds fee, both to the maximum extent allowed by applicable law. Customer acknowledges that any late fee charged by the Company is not to be considered as interest on debt, is not a penally, and is a reasonable charge for late payment In the event that payment is not made when due, Cornoany retains the right to suspend service unit the past due balance is paid in full. If Company reinstales suspended services after receipt of an outstanding balance, Customer shall pay a reactivation fee. In the event that service is suspended in excess of fitteen (15) days, Company may terminate this Agreement for such default and recover any equipment and all amounts owed hereunder, including liquidated damages under Section 7.
5. CHANGES. Changes in the frequency of coliection service, schedule, number, capacity andjor lype of equipment, and any changes to amounts payable under this Agreement, may be agreed to orally, in writing, by payment of the invoice or by the actions and practices of the parties. If Customer changes its Service Address during the Term, this Agreement shall rernain valid and enforceable with respect to services rendered at Customer's new service location if such location is within Company's service area.
6. EQUIPMENT, ACCESS. All equipment furnished by Company shall remain its property, however, Customer shall have care, custody and control of the equipment and shall be liable for all loss or damage to the equipment and for its contents while at Customer's location. Customer shall not overload, nove or alter the equipment and shall use it only for its intended purpose. At the termination of this Agreement, Customer shall return the equipment to Company in the condition in which it was provided, normal wear and tear excepted Customer shall provide safe and unobslructed access to the equipment on the scheduled collection day. Company may suspend services or terminate this Agreement in the event Customer violates any of the requirements of this provision. Customer shall pay, if charged by Company, an additional fee for any service modifications caused by or resulting from Customer's failure to provide access. Customer warrants that Customer's property is sufficient to bear the weight of Company's equipment and vehicles and that Company shall not be responsible for any damage to the Customer's pavement or any other sufface resulting from the equipment or Company's services.
7. LIQUIDATED DAMAGES. In the event Customer terminates this Agreement prior to the expiration of the Term for any reason other than as set forth in Section 3, or in the event Company terminates this Agreernent for Customer's defaut, Customer shall pay the following liquidated darnages in addition to the Company's legal fees' (a) if the remaining Term under this Agreement is six or more months, Customer shall pay the average of its six most recent monthly Charges multiplied by six (or, if the Effective Date is within six months of WM's last invoice date, the average of all monthly Charges); or (b) if the remaining Term under this Agreement is less than six
8. INDEMNITY. The Company agrees to indemnify, delend and save Customer, its parent, subsidianes, and camprate afiliates, hammess from and against any and all liablity which Customer may be responstble for or pay out as a result of bodily injuries (including dealh), property damage, or any violation or alleged viclation of law, to the extent caused by any negligent act or omission or wiltul misconduct of the Company or its employees, which decurs (a) during the collection or transportation of Customers Waste Materials, or (b) as a result of the disposal of Customer's Waste Matenals in a faclity owned by the Company or a Waste Management company, provded that the Company's mdemnification obligations wil? not apply to occurrences involving Excluded Matenals.
Customer agrees to indemnify, defend and save the Company, its parent, subsidianes, comparate affillates and their joint venture pariners, harmless from and againsi any and all liabllity which the Company may be responsible for or pay out as a result of bodly injuries (micluding death), property damage, or any violation or alleged violation of law to the extent caused by Custome's breach of this Agreement or by any negligent act or omission or williul misconduct of the Cuslomer or lts employees, agents or contractors or Customer's use, operation or possession of any equipment fumished by the Company
Neither party shall be liable to the other for consequential, incidental or punitive damages anising out of the performance or breach of this Agreement. 9. RIGHT OF FIRST REFUSAL. Cusiomer grants to Company a right of first refusal to match any offer relating to services similar to those provided hereunder which Customer receives (or intends to make) upon termination of this Agreement for any reason and Customer shall give Company prompt written notice of any such offer and a reasonable opportunity 10 respond to $n$.
10.DISPUTE RESOLUTION-ARBITRATION AGREEMENT AND CLASS ACTION WAIVERBINDING ARBITRATION: Excepl for those claims expressly excluded below (EXCLUDED CLAlîhS), Customer and Company agree that ANY and all existing or future controversy or claim between them ansing out of or related to this Agreement or any prior agreements between the parties, whether based in conlract, law or equity or alleging any other legal theory, or arising prior to, in connection with, or after the termination of this Agreement or any other agreemenis, sha!! be resolved by mandatory binding arbitration (see www.wm. com for detals on arbitration procedures). CLASS ACTION WAIVER: Customer and Company agree that under no circumstances, whether in arbitation or otherwise, may customer bring any claim against the Company, or allow any claim that the Customer may have against the Company to be asserted, as part of a class action, on a consoldated or representative basis or othenvise aggregated with claims brought by, or on behalf of, any other entity or person, including other customers of the Company EXCLUDED CLAIMS: The following are not subject to mandatory binding arbirabon: (A) either party's clairns against the other In connecton with bodily injury or real property damage and for environmental indemnification; and (B) Company's claims against Customer for collectuon or payment of Changes, damages fliquidated or otherwise) or any other amounts due or payable to the Company by the Customer under this Agreement or any prior agreements betwoen the parties, but Customer and Company may mutually agree to arbitrate any Excluded Clains.
9. MISCELLANEOUS. (a) Except for the obligation to make payments hereunder, nether party shall be in default for is failure to perform or delay in periormance caused by events or significant threats of events beyond its reasonable contsol, whether or nol foreseeable, Including, but nol limited to, stakes, labor trouble, riols, imposition of laws or govenmental orders, fires, acts of war or temorism, acts af God, and the inability to oblain equipment, and the affected party shall be excused from performance during the occurrence of such events. (b) This Agreement shall be binding on and shall inure to the beneft of the parties hereto and their respective successors and assigns. (c) This Agreement represents the entire agreement between the parties and supersedes any and all other agreements for the same services, whether written or oral, that may exist between the parties. (d) This Agreement shall be construed in accondance wilh the law of the state in which the services are provided (e) All written nolificarion fo Company required by this Agreement shall be by Certified Mall, Retum Receipl Requested. (f) If any provislon of this Agreement is declared invalid or unenforceable, then such provision shall be severed from and shall not affect the remalnder of this Agreement, however, the parties shall amend this Agreement to give effect, to the maximum extent allowed, to the intent and meaning of the severed provision. (g) In the event the Company successfully enforces its rights against Customer hereunder, the Customer shall be required to pay the Company's attomeys' tees and cout cosk. 12. RECYCLING SERVICES. The following shall apply to fiber and non-íber recyciables ("Recyclable Materials") and recycilng services. a (i) Single stream, commingled Recyclable Materials ("Single Stream") will consist of $100 \%$ of Customer's dean, dry, paper or cardboand without wax liriers; dean, dry and empty aluminum food and beverage containers, ferrous (iron) or steel cans, aerosol cans, and rigid container plastics \$1-7, including narmow neck containers and tubs, but excluding foam and film plastics. No individual items may be excluded from Single Streain sennce. Glass may be included with specific approval of Company. Any material nol set forth above, including tissue or paper that had been in contacl with food, is unacceptable ("Unacceptable Materials"). Single Stream may contarn up to 5\% Unacceptable Materials. (II), Customer shall provide wastepaper in accordance with the most current ISRI Scrap Specilications Circular and any amendments thereto or replacements thereot. (iii) All other Recyclable Materials will be delivered in accordance with the Company specifications that are available at whw recycleamerica.com or such specirications communicated to Customer by Company.
b. Recyclable Matenals may not contain Excluded Materials or chemical or other properties that are deleterious or capable of causing material damage to any part of Company's property, its personnel or the public or materially impair the strength or the durability of the Company's structures or equipment. Company may raject in whole or in part Recyclable Matenals nol meeting the specifications, and Customer shall reimburse Company for all losses incurred with respect to such Recyclable Matenals including cosis of transportation and disposal. Company reserves the right at its sole discretion upon notice to Customer to discontinue accoptance of any category ol Recyclable Materlals as a result of markel conditions related to such materials and makes no representations as to the recyclability of the malerials which are subject to this contract.
c. Where Company has agreed in writing to provide a markel-based rebato to Customer, the following shall apply Customer acknowledges that the market value for Recyclable Materials will fluctuate based upon vanous factors, and such materials may at limes have no velue or that the value may be negatuve. Company will establish the value of Recyclable Materials each month based upon such various factors, including but not limited to quantly, quality and location. For recycling senvices, Company shall pay or charge Customer on or about the lasi day of each monih for Recyclable Materials accepled dunng the preceding month, after deduction of any Charges owed to Company by Customer. Any invoice shall be payable upon receipt. Where recyding services are provided, Charges may include separate fuel and environmental surcharges as sel forth at ww.recycleamerica.com.
d. Notwithslanding anything to the contrary set forth above, the Liquidated Damages calculation, set forth in Section 7 of this Agreement, shall nol apply to any Customer breach of the Agreemenl pertaining to sences for Recyclable Materials, which have been determined by Company to have a positive value. If a breach occurs under such circumstances, the damages shall be detemined by calculating actual damages rather than Liquidated Damages.
e Sevice amangements will be agreed upon between Customer and Company for the service boations sel forth in this Agreement For traller load quantities, Customer shall load irailers lo full visible capacity to achieve 40,000 pounds minlmum shipping weight and trailers shall be loaded or caused lo be loaded in accordance with the most current ISR1/AF\&FA Shipping Guide Freight and/ar adjustments may apply to light loads. Customer shall be responsible for any loss, damage or destruction to equipment including trailers for any cause while located at Customer's location.

WM Agreement \# $\boldsymbol{\#}$ S0008333121
Washe Management of Arkansas, linc
Customer Acct *
$017-155105$ 2555 Meridian Drlves, Suile 200

Acct Name
NLR WASTE WATER
Fraralin. Th, 37067-6366
Balesperson
Rachel Barka
(501) SES-0191

ERective Date
1/24/2017
Last AF Dine 11/01/2016

## Service Agreement

Non-Hazardous Waste Service Summary

| Name | M. WASTE WKTTM 22 [PISPL. | Cothat | LTLELEUS4tit |
| :---: | :---: | :---: | :---: |
| Achtrent | 7305 Baiacum make mo | Terephore 5 | (591) 945-5764 |
| Ciy State To | MO日TH LITTLE HOCK, AR 7211 | Fan " |  |
| Cowntrens | PILASKI | Enal |  |


| Billing Information |  |  |  |
| :---: | :---: | :---: | :---: |
| Nasas | MLI WASTE WAFt | Contact | GNA BrILEY |
| Adins | PO 80x 17898 | Toleptioned | (101) 545-7183 |
| $\mathrm{Cl}_{\text {p Saten }} \mathrm{Zlo}$ | NORTH LITLLE ROCK, AR 7217 | Fat ${ }^{*}$ |  |
| Cintryant | PULASOI | Erat |  |

Cultomer Conmerve ROA
Service Description \& On Demand Rates:


Customer's Waste Matertals not to exceed an average weight of ibshard.
mitial One Time Service Charyes'

## As Needed Serviees*

The above intled Charges set for recurtng leviodi ony. Charpes har al sodtord seneses mil be at currenit sates at thes time of servics These include but are not imited ao extra pichups. oontminer removal, overdges and contamnabon Contact Waste Mavagement for a hal ast af wach additional services and ourfent prices.




Contract Term for monthly rate services is for 3 year(s) from the Effective Date [Initial Term') and it shall automatically renew thereafter for additional terms of 12 months ('Renewal Term') unless terminated as set forth herein.

The indiddus! nigning this agreement an behaif of customer acknowiedgest that hefishe has read ard accopts the tanna and canditions af this agreement which


| Custalter lyatury | Pinted tawe | Fise | Dre |
| :---: | :---: | :---: | :---: |
|  |  | Wasto Management Sales Rap |  |
| Catpany Wasie Management of Aharsas INC | Prineat Nime | Tale | Date |

[^1]
























 charges In the csere Company aduses the Ch



 nuy A motsvinon charge ta the eve

 location if ath location is with in Company's tervice aran.




 uny dumage ta the Cusimer's pavement of any other sirfice texalting fors the equipurnt or Compary'x services




 sa aperale


 that the Conmany's iadeanifeation obligusaos will nut apply to ocrasences iovolving Exchaled vatornale,







隹

 or















 recurred with reperer to sach Recyelable Matenals including coats of ransportation and doposal.





 Recyclable
Dassages,



 remple of market conditions related to bach matemis and nakes no representions as to the revelabiliry of the riateriab which are sulject to this contract.


[^0]:    MISCELLANEOUS

[^1]:    Terms and Conditions on following page(s)

