# VILLAGE OF NEWBERRY WATER AND LIGHT BOARD MEETING

Tuesday, August 13, 2019
Meeting Location: 302 East McMillan Ave
Meeting Time: 5:30 p.m.

- 1. CALL TO ORDER
- 2. PLEDGE OF ALLEGIANCE
- 3. ROLL CALL
- APPROVAL OF AGENDA Agendas are not final until approved by a majority vote of the Water & Light Board members.
- 5. APPROVAL OF MINUTES
  - 1. Water and Light Board Meeting Regular Session Monday, July 15, 2019 at 5:30 p.m.
  - 2. Water and Light Board Meeting Work Session Tuesday, August 6, 2019 at 5:30 p.m.
- 6. WATER AND LIGHT CHAIRPERSON ANNOUNCEMENTS
  - 1. None Prescheduled
- 7. PUBLIC COMMENTS Prior to consideration of official business, citizens may speak on any matter citizens may wish to bring to the attention of the Water and Light Board. Please limit comments to 3 minutes as per Michigan General Village Law and Michigan Open Meetings Act.
  - 1. None Prescheduled

#### 8. SUBMISSION OF BILLS AND FINANCIAL UPDATES

Water & Light – Monthly Bills – July 2019

582 591	Electric Fund Water Fund		\$91,022.17 \$4,763.40
		Total:	\$95,785.57

582 Save the Bells Fund \$12,591.96

- PETITIONS AND COMMUNICATIONS Communications addressed to the Water and Light Board
  are distributed to all members and are acknowledged for information or are referred to a committee
  or staff for follow-up.
  - 1. Proposal for Water System Asset Management Plan Services
    - a. OHM Advisors Presentation by David Boyle

# 10. INTRODUCTION AND ADOPTION OF ORDINANCES AND RESOLUTIONS

- 1. Ordinance A Review Edits from Work Session
- 11. REPORTS OF VILLAGE MANAGEMENT The Village Manager, Assistant Village Manager, and Superintendent of Water and Light may submit reports or information to the Water and Light Board as updates and consideration.
  - 1. Superintendent of Water and Light
  - 2. Assistant Village Manager
  - 3. Village Manager

#### 12. UNFINISHED BUSINESS

1. None Prescheduled

#### 13. NEW BUSINESS

- 1. Proposal for Water System Asset Management
- 2. Energy Adjustment Rate July December 2019
- 3. Budget Amendments Water and Electric Funds

## 14. COMMENTS BY BOARD MEMBERS

15. ADJOURNMENT - REGULAR SESSION

# NEWBERRY WATER & LIGHT BOARD REGULAR MEETING MINUTES

July 15, 2019

(Meeting was postponed for one week – due to no quorum on scheduled day)

Present: Board members: Vincent, Brown, Dishaw, Medelis, Wendt.

Absent: None.

<u>Also Present</u>: Clerk -Schummer, Village Manger – James-Mesloh, Assistant Village Manager – Buck Vallad, Director of Human Resources & Community Engagement – Watkins, Lori Stokes, Ken Stokes, Chuck Pipes, Rebecca Handa, Scott Ouellette.

<u>Call to Order:</u> Chairperson Vincent called the meeting to order at 5:30 p.m. at the Village of Newberry Offices, 302 East McMillan Avenue, followed by the Pledge of Allegiance.

Approval of Agenda: Moved by Brown, support by Dishaw, CARRIED, to approve agenda as presented. Ayes:

<u>Approval of Minutes:</u> Moved by Brown, support by Medelis, **CARRIED**, to approve minutes from the June 11, 2019 W&L meeting as written. Ayes: All.

Water and Light Chairperson Announcements: Chairperson Vincent discussed using Unanimous Consent during the W&L meeting to move things along faster. Medelis disagreed with the need for using it.

Public Comments on Agenda Items: Comment heard from Scott Ouellette - Newberry.

#### Submission of Bills and Financial Updates:

- A.) Water & Light Monthly Bills June 2019 Motion by Medelis, support by Brown, CARRIED, recommend Village Council pay the June Electric Fund bill in the amount of \$80,864.48. Discussion followed. Ayes: All. Motion by Brown, support by Medelis, CARRIED, recommend Village Council pay the June Water Fund bill in the amount of \$6,059.12. Discussion followed. Ayes: All.
- B.) <u>Christmas Light Fund</u> is currently at \$12,493.96. There was a deposit of \$258.48, which was proceeds from the scrap metal that has been collected.

Petitions and Communications: None.

Introduction and Adoption of Ordinances and Resolutions: None.

## Reports of Village Management:

- 1.) Superintendent of Water and Light: Joe Lively, working foreman, submitted a written report.
- 2.) Assistant Village Manager: Vallad gave a verbal report as well as submitting charts for review.
- 3.) Village Manager: James-Mesloh gave a verbal as well as written report.

<u>Unfinished Business:</u> Ordinance A – Review Revisions as written by Village Attorney, Jeff Jocks. A workshop will be setup before the next regular W&L meeting to work on the Ordinance A revisions.

New Business: None.

<u>Comments By Board Members:</u> Medelis stated he felt what was put out on Facebook has only torn the Village apart as most is inaccurate and often inflammatory.

Adjourn Meeting: Motion by Medelis, support by Brown, CARRIED, to adjourn meeting at 5:57 p.m. Ayes: All.

These minutes are unapproved until voted on at the next	meeting.	
Terese Schummer, Clerk	Lawrence Vincent, Chairperson	

# VILLAGE OF NEWBERRY WATER & LIGHT PAYABLES JULY 2019

GL Number	Vendor	Inv. Line Desc	Invoice Desc.	Amount
Fund 582 Electric F	und			
Dept 000				
582-000-042.000	LUTZ LIND.A	UNAPPLIED CREDIT	UB refund for account: 3-02540-02	12.38
582-000-042.000	SCHOLFIELD SHEILA	UNAPPLIED CREDIT	UB refund for account: 5-07970-08	103.24
			Total For Dept 000	115.62
Dept 582 ELECTRIC	DISTRIBUTION			
582-582-726.000	STANDARD, THE	LIFE INSURANCE	LIFE INSURANCE	9.20
582-582-801.000	RANGE TELECOMMUNICATIONS	PROFESSIONAL & CONTRACTUAL	JULY MISS DIGS	13.44
582-582-850.000	ATT U.VERSE	UVERSE- LARGE CAPACITY METER	LARGE CAPACITY METER UVERSE	41.58
			Total For Dept 582 ELECTRIC DISTRIBUTION	64.22
Dept 583 GENERAL	EXPENSES			
582-583-719.000	44 NORTH	HOSPITALIZATION	COBRA RETIREES	4.60
582-583-725.000	MML WORKERS' COMP FUND	WORKERS' COMPENSATION	MML WORKERS COMP FUND PAYMENT	612.92
582-583-726.000	STANDARD, THE	LIFE INSURANCE	LIFE INSURANCE	32.87
582-583-752.100	AMAZON CAPITAL SERVICES	OPERATING SUPPLIES	PINESOL	2.73
582-583-752.100	AMAZON CAPITAL SERVICES	OPERATING SUPPLIES	PAPER TOWELS/PHONE CASES	9.49
582-583-752.100	OK INDUSTRIAL SUPPLY	OPERATING SUPPLIES	GLOVES	50.14
582-583-752.100	AMAZON CAPITAL SERVICES	OPERATING SUPPLIES	TRASH BAGS/TOILET PAPER	17.53
582-583-752.100	RAHILLY IGA	OPERATING SUPPLIES	WATER	2.99
582-583-752.100	RAHILLY IGA	OPERATING SUPPLIES	WATER	3.99
582-583-752.100	RAHILLY IGA	OPERATING SUPPLIES	WATER	4.49
582-583-752.100	RAHILLY IGA	OPERATING SUPPLIES	WATER	2.99
582-583-752.100	RAHILLY IGA	OPERATING SUPPLIES	WATER	2.99
582-583-752.100	RAHILLY IGA	OPERATING SUPPLIES	WATER	3.28
582-583-801.000	CTC ENGINEERING	PROFESSIONAL & CONTRACTUAL	GLENN KEATES ENGINEERING SERVICES THROUGH JUNE 2019	488.56
582-583-801.000	FAIR, ALMA	PROFESSIONAL & CONTRACTUAL	CLEANING SERVICES	100.00
582-583-801.200	SONDEE, RACINE & DOREN PLC	LEGAL	LEGAL COUNCIL	293.70
582-583-801.200	YOUNG, GRAHAM & WENDLING, P.C.	LEGAL	INTERVIEWS/TRAVEL	457.88
582-583-801.200	LEE HORNBERGER	LEGAL	ARBITRATION SERVICES	610.03
582-583-802.000	NORTHERN CREDIT BUREAU	COLLECTION EXPENSE	ACCT 10005007	62.81
582-583-850.000	AT&T	TELEPHONE	WATER/LIGHT PHONE	42.66
582-583-850.000	VERIZON	FAX	FAX	11.43
582-583-850.000	VERIZON	TELEPHONE	ACCOUNT NUMBER 942077532-00002	10.78
582-583-850.000	VERIZON	TELEPHONE	ACCOUNT NUMBER 942077532-00002	10.78
582-583-850.000	VERIZON	TELEPHONE	ACCOUNT NUMBER 942077532-00002	10.78
582-583-850.000	VERIZON	TELEPHONE	ACCOUNT NUMBER 942077532-00002	21.57
582-583-850.000	VERIZON	TELEPHONE	ACCOUNT NUMBER 942077532-00002	21.57
582-583-850.000	VERIZON	TELEPHONE	ACCOUNT NUMBER 942077532-00002	21.57
582-583-850.000	VERIZON	TELEPHONE	ACCOUNT NUMBER 942077532-00003	10.80

582-583-850.000	VERIZON	TELEPHONE	ACCOUNT NUMBER 942077532-00003	7.04
		TELEPHONE	ACCOUNT NUMBER 942077532-00003 ACCOUNT NUMBER 942077532-00003	7.04
582-583-850.000	VERIZON VERIZON	TELEPHONE	ACCOUNT NUMBER 942077532-00003 ACCOUNT NUMBER 942077532-00003	7.04
582-583-850.000	VERIZON	TELEPHONE	ACCOUNT NUMBER 942077532-00003	7.04
582-583-850.000		TELEPHONE	ACCOUNT NUMBER 942077532-00003	7.04
582-583-850.000	VERIZON VERIZON	TELEPHONE	ACCOUNT NUMBER 942077532-00003	14.08
582-583-850.000		TELEPHONE	ACCOUNT NUMBER 942077532-00003 ACCOUNT NUMBER 942077532-00003	14.08
582-583-850.000	VERIZON	TELEPHONE	ACCOUNT NUMBER 942077532-00003	7.04
582-583-850.000	VERIZON	TELEPHONE	INTERNET	25.00
582-583-850.000	HTC-HIAWATHA TELEPHONE CO ARISTA INFORMATION SYSTEMS INC	POSTAGE	UB POSTAGE	246.20
582-583-851.000		PUBLISHING & PRINTING	UB BILLING	235.96
582-583-900.000	ARISTA INFORMATION SYSTEMS INC		BSA TRAINING - TRAVEL	10.60
582-583-910.000	WATKINS, ALLISON	PROFESSIONAL DEVELOPMENT	YEAR 2 WEEK 2 TRAINING MEALS	169.75
582-583-910.000	BURTON, LANDON	PROFESSIONAL DEVELOPMENT	BSA TRAINING - TRAVEL	16.96
582-583-910.000	NEEME, SAMANTHA	PROFESSIONAL DEVELOPMENT		75.00
582-583-932.000	TAHQUAMENON AREA CREDIT UNION	VEHICLES REPAIRS & MAINTENANCE	SHIFT CONTROL	4.99
582-583-932.000	DANNY'S AUTO VALUE INC	VEHICLES REPAIRS & MAINTENANCE	PWR/STEER STOP LEAK Total For Dept 583 GENERAL EXPENSES	3,780.79
			Total For Dept 363 GENERAL EXPENSES	3,760.73
Dept 584 ELECTRIC	GENERATION			
582-584-801.000	NORTHERN PUMP SERVICES	PROFESSIONAL & CONTRACTUAL	UST LARA TESTING	2,125.00
582-584-929.000	DANNY'S AUTO VALUE INC	REPAIRS & MAINTENANCE	LEVER BLO-GUN	16.98
582-584-929.000	DANNY'S AUTO VALUE INC	REPAIRS & MAINTENANCE	STREET ELBOW CREDIT	(0.30)
			Total For Dept 584 ELECTRIC GENERATION	2,141.68
Dept 586 PURCHAS	ED POWER			
582-586-801.000	MICHIGAN PUBLIC POWER AGENCY	PROFESSIONAL & CONTRACTUAL	GREEN PRICING SVC COMM/RENEWABLE PORTFOLIO SVC COMM	100.51
582-586-926.000	CMS ENERGY RESOURCE MGT	PURCHASED POWER	JULY 2019	64,986.33
582-586-926.000	CLOVERLAND ELECTRIC CO-OP	PURCHASED POWER	JULY 2019 HYDRO	5,377.21
582-586-926.000	AMERICAN TRANSMISSION COMPANY	ATC TRANSMISSION MONTHLY INV	JULY 2019 NETWORK TRANSMISSION INVOICE	12,141.88
362-360-920.100	AIVIERICAIV TRAIVSIVIISSION COMPAINT	ATC MANSION MONTHER INV	Total For Dept 586 PURCHASED POWER	82,605.93
Dept 587 ENERGY C				
582-587-801.000	MECA	PROFESSIONAL & CONTRACTUAL	MONTHLY INCENTIVES	2,224.75
			Total For Dept 587 ENERGY OPTIMIZATION	2,224.75
Dept 588 SAVE THE	BELLS			
582-588-752.200	FOSTER HARDWARE	SAVE THE BELLS EXPENSES	CABLE TIES/MINERAL SPIRITS	23.98
582-588-752.200	NEWBERRY REDI-MIX	SAVE THE BELLS EXPENSES	SILICA SAND	65.20
			Total For Dept 588 SAVE THE BELLS	89.18
			Total For Fund 582 Electric Fund	91,022.17
			(State of Faire Son License Faire	32,022.27

#### Fund 591 Water Fund

#### Dept 536 WATER SYSTEM

Dept 330 WATER 31	312171			
591-536-719.000	44 NORTH	HOSPITALIZATION	COBRA RETIREES	3.45
591-536-725.000	MML WORKERS' COMP FUND	WORKERS' COMPENSATION	MML WORKERS COMP FUND PAYMENT	752.33
591-536-726.000	STANDARD, THE	LIFE INSURANCE	LIFE INSURANCE	106.73
591-536-752.100	AMAZON CAPITAL SERVICES	OPERATING SUPPLIES	PINESOL	2.73
591-536-752.100	AMAZON CAPITAL SERVICES	OPERATING SUPPLIES	PAPER TOWELS/PHONE CASES	9.49
591-536-752.100	OK INDUSTRIAL SUPPLY	OPERATING SUPPLIES	GLOVES	50.14
591-536-752.100	AMAZON CAPITAL SERVICES	OPERATING SUPPLIES	TRASH BAGS/TOILET PAPER	17.53
591-536-752.100	RAHILLY IGA	OPERATING SUPPLIES	WATER	2.99
591-536-752.100	RAHILLY IGA	OPERATING SUPPLIES	WATER	3.99
591-536-752.100	RAHILLY IGA	OPERATING SUPPLIES	WATER	4.48
591-536-752.100	RAHILLY IGA	OPERATING SUPPLIES	WATER	2.99
591-536-752.100	RAHILLY IGA	OPERATING SUPPLIES	WATER	2.99
591-536-752.100	RAHILLY IGA	OPERATING SUPPLIES	WATER	3.27
591-536-752.100	LYNN AUTO PARTS INC.	OPERATING SUPPLIES	AIR FRESHENER	3.99
591-536-753.000	FERGUSON WATERWORKS	TOOLS & EQUIP UND CAP THRESH	REMOTE WATER METER READERS	1,349.76
591-536-801.000	SAULT STE MARIE CITY HALL	PROFESSIONAL & CONTRACTUAL	MONTHLY WATER SAMPLES	54.00
591-536-801.000	RANGE TELECOMMUNICATIONS	PROFESSIONAL & CONTRACTUAL	JULY MISS DIGS	13.44
591-536-801.000	FAIR, ALMA	PROFESSIONAL & CONTRACTUAL	CLEANING SERVICES	100.00
591-536-801.200	SONDEE, RACINE & DOREN PLC	LEGAL	LEGAL COUNCIL	293.70
591-536-801.200	YOUNG, GRAHAM & WENDLING, P.C.	LEGAL	INTERVIEWS/TRAVEL	457.87
591-536-801.200	LEE HORNBERGER	LEGAL	ARBITRATION SERVICES	610.03
591-536-802.000	NORTHERN CREDIT BUREAU	COLLECTION EXPENSE	ACCT 10005007	52.82
591-536-850.000	AT&T	TELEPHONE	WATER/LIGHT PHONE	42.67
591-536-850.000	VERIZON	FAX	FAX	11.43
591-536-850.000	VERIZON	TELEPHONE	ACCOUNT NUMBER 942077532-00002	10.78
591-536-850.000	VERIZON	TELEPHONE	ACCOUNT NUMBER 942077532-00002	10.78
591-536-850.000	VERIZON	TELEPHONE	ACCOUNT NUMBER 942077532-00002	21.57
591-536-850.000	VERIZON	TELEPHONE	ACCOUNT NUMBER 942077532-00002	21.57
591-536-850.000	VERIZON	TELEPHONE	ACCOUNT NUMBER 942077532-00002	10.78
591-536-850.000	VERIZON	TELEPHONE	ACCOUNT NUMBER 942077532-00003	10.80
591-536-850.000	VERIZON	TELEPHONE	ACCOUNT NUMBER 942077532-00003	7.04
591-536-850.000	VERIZON	TELEPHONE	ACCOUNT NUMBER 942077532-00003	7.04
591-536-850.000	VERIZON	TELEPHONE	ACCOUNT NUMBER 942077532-00003	7.04
591-536-850.000	VERIZON	TELEPHONE	ACCOUNT NUMBER 942077532-00003	14.08
591-536-850.000	VERIZON	TELEPHONE	ACCOUNT NUMBER 942077532-00003	7.04
591-536-850.000	VERIZON	TELEPHONE	ACCOUNT NUMBER 942077532-00003	7.04
591-536-850.000	VERIZON	TELEPHONE	ACCOUNT NUMBER 942077532-00003	7.04
591-536-850.000	HTC-HIAWATHA TELEPHONE CO	TELEPHONE	INTERNET	25.00
591-536-851.000	TAHQUAMENON AREA CREDIT UNION	POSTAGE	WATER SAMPLE POSTAGE	85.95
591-536-851.000	ARISTA INFORMATION SYSTEMS INC	POSTAGE	UB POSTAGE	138.89
591-536-900.000	RICH PRINTING INC.	PUBLISHING & PRINTING	BILLING INSERT PRINTING - ANNUAL REQUIREMENT	129.00
591-536-900.000	NEWBERRY NEWS INC	PUBLISHING & PRINTING	MINUTES/SEASONAL HELP/ CLEANUP/ REPORT	36.00
591-536-900.000	ARISTA INFORMATION SYSTEMS INC	PUBLISHING & PRINTING	UB BILLING	133.10
591-536-913.000	WATKINS, ALLISON	TRAVEL	BSA TRAINING - TRAVEL	10.60
591-536-913.000	NEEME, SAMANTHA	TRAVEL	BSA TRAINING - TRAVEL	16.96

591-536-932.000 591-536-932.000 591-536-932.000	TAHQUAMENON AREA CREDIT UNION DANNY'S AUTO VALUE INC LYNN AUTO PARTS INC.	VEHICLES REPAIRS & MAINTENANCE VEHICLES REPAIRS & MAINTENANCE VEHICLES REPAIRS & MAINTENANCE	SHIFT CONTROL PWR/STEER STOP LEAK PRESTON CLN/OZIUM CITRUS AIR FRESH Total For Dept 536 WATER SYSTEM	75.00 5.00 12.48 4,763.40
			Total For Fund 591 Water Fund	4,763.40
			Fund Totals: Fund 582 Electric Fund Fund 591 Water Fund	91,022.17 4,763.40
			Total For All Funds:	95,785.57



Main Office:

P.O. Box 187 \* 132 North State Street St. Ignace, Michigan 49781 Voice: 906-643-6800 Fax: 906-643-6808 Les Cheneaux Branch

P.O. Box 177 - 192 S Meridian St. Cedarville, MI 49719 \* 906-484-2262

West Mackinac Branch

P.O. Box 142 - W11635 West U.S. 2 Naubinway, MI 49762 \* 906-477-6263 Mackinac Island Branch

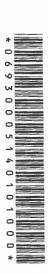
P.O. Box 534 - 534 Market St. Mackinac Island, MI 49757 \* 906-847-3732

Newberry Branch
P.O. Box 466 - 1014 S. Newberry Ave.
Newberry, MI 49868 \* 906-293-5160

NEWBERRY WATER & LIGHT BOARD NEWBERRY SAVE THE BELLS 307 E MCMILLAN AVE NEWBERRY MI 49868

Date 7/31/19 Page 1 of 1 ACCOUNT NUMBER

MUNICIPAL MONEY MARKET ACCOUNT NUMBER PREVIOUS BALANCE 1 CREDITS TOTALING DEBITS TOTALING SERVICE CHARGE AMOUNT INTEREST PAID CURRENT STMT BALANCE	12,493.96 92.68 .00 .00 5.32 12,591.96	Statement Dates 7/01/19 DAYS IN STATEMENT PERIOD AVERAGE LEDGER BAL AVERAGE COLLECTED BAL Interest Earned Annual Percentage Yield E 2019 Interest Paid	31 12,541 12,541 5.32
********	*****	*********	*****
DEPOSITS AND OTHER CRED DATE DESCRIPTION 7/16 DDA REGULAR DEPOS 7/31 INTEREST PAID 31	IT DAYS	AMOUNT 92.68 5.32	*****
DAILY BALANCE SUMMARY DATEBALANCE 7/01 12,493.96	DATE	BALANCE DATE	BALANCE 12,591.96
*****	*****	******	****
DA		INTEREST RATE	





July 30, 2019

Mr. Buck Vallad Assistant Village Manager Village of Newberry 302 East McMillan Avenue Newberry, Michigan 49868

RE: Proposal for Water System Asset Management Plan Services

Dear Mr. Vallad:

OHM Advisors (OHM) is pleased to submit this proposal for professional services for the Village of Newberry (Village) Water System Asset Management Plan assistance. The Michigan Department of Environment, Great Lakes, and Energy (EGLE) is requiring a revision to the Asset Management Plan (AMP) previously sent. EGLE reviewed the AMP and found that the content did not meet the requirements outlined in the Safe Drinking Water Act 1976 PA 399, as amended; R 325.11606, Community water supplies; additional general plan requirements; asset management program; capital improvements plan of 1979 Administrative Code. EGLE is requesting that the Village of Newberry revise the original AMP submittal with required Asset Inventory, Criticality Assessment, and the Funding Structure and Rate Methodology by September 1, 2019. EGLE also encourages the Village to include service lines in the inventory following recent updates to Michigan's Lead and Copper Rule. These updates require the presence of lead service lines to be prioritized in the asset criticality in the AMP by January 1, 2021.

# PROJECT UNDERSTANDING

The Village of Newberry has successfully fulfilled certain required portions of the AMP, but needs assistance with the following components to meet the EGLE requirements:

- Details of the system used to maintain inventory of assets
- Description of the methodology to assess criticality considering likelihood and consequence of failure
- Summary of the *Funding Structure and Rate Methodology* to provide sufficient resources to implement the AMP.

#### Optional:

EGLE has also encouraged the Village to include the lead service lines in the asset inventory to comply with Michigan's Lead and Copper Rule that requires the presence of lead service lines to be a factor in prioritizing asset criticality in the AMP by January 1, 2021. OHM would undertake the following tasks if the Village would like additional assistance at this time or at a future date:

- Add service lines to the asset inventory
- Research existing documents to determine service lines materials and update prioritization to include lead service lines. (This task does not include field investigations.)



#### **SCOPE OF SERVICES**

The objective of OHM Advisors proposed Scope of Services is to assist the Village of Newberry to revise and resubmit a water system AMP with the aforementioned plan components as it relates to the Village water system. The following Scope of Services are proposed:

Task 1: Inventory of Assets and Geographic Information Systems (GIS) (OHM Lead. Village Assist)

Task 2: Condition Assessment (Village Lead, OHM Assist.)

Task 3: Asset Criticality Assessment (OHM Lead. Village Assist)

Task 4: Funding Structure and Rate Methodology (Village Lead, OHM Assist.)

Task 5: Deliver Revised AMP Content for the Resubmission to EGLE (Village Lead, OHM Assist.)

A description of each task is provided below.

<u>Task 1: Inventory of Assets and Geographic Information Systems (GIS) Map Development</u> This task will include a description of water system mains.

Development of the Village's asset inventory will be accomplished by review of readily available existing sources of data, such as the Village's existing as-built drawings, AutoCad files which OHM has, along with any other documentation or institutional knowledge that the Village possesses of the Village system. For Task 1, we propose to prepare a GIS database (geodatabase) that can be uploaded to ArcGIS Online (AGO) (Village to verify this is the system from their SAW grant work) as the repository for the asset inventory and will work with the Village to verify and update (if needed) water main size, material, and install date after OHM develops GIS. The Geodatabase and AGO will give the Village access to their water system assets and enable system maps to be created that show location, pipe diameter, pipe material, and pipe age for the Village. It is assumed that the Village has their own ArcGIS Online Account. The Village will be able to access real time asset data that can be queried via computer, laptop, tablet, or smart phone. The data can be easily maintained and updated during system updates or expansion.

Vertical facility assets for the water system can be compiled into GIS within the AMP also, so that the Village can have a quick reference for ongoing operation and maintenance of these facilities. The village can input this information with OHM assistance or OHM can do this at a future time.

For this project OHM is recommending data research, conversion of AutoCad files to a geodatabase, utilization of the Villages existing ArcGIS Online Account, and fill in attributes for size, material, and installation date for the water mains. If there are additional GIS services that the Village would like to add, then this proposal can be modified to include such services.

#### Task 2: Condition Assessment

The purpose of Task 2 is to utilize new, existing, and historic water system information in order to both approximate infrastructure condition (in lieu of actual field condition testing) and potential remaining useful life. For that end, we propose to complete the following work associated with Task 2:

- Review Village-provided water main break data; we assume the break data includes date of break and location.
- Perform analysis on the information in order to approximate water main condition
- Perform approximation on potential remaining useful life of water main infrastructure given the water mains'
  age, material, break history, and maintenance history.



• Updated field reconnaissance of vertical infrastructure (storage tank, pumps, wells) to inventory existing infrastructure and review physical condition. This will be completed by working with Village staff.

#### Task 3: Asset Criticality Assessment

As part of this task, asset criticality calculations will be performed by identifying asset probability of failure (based on asset condition and remaining useful life information) as well as consequence of failure (based on qualitative or quantitative information, such as potential service disruption impacts, etc.). As part of this task, we also propose to obtain critical asset information from the Village that will be incorporated into the risk assessment. This includes locations such as schools, shelters, police stations, etc. OHM will use a combination of GIS and spreadsheets (Microsoft Excel format) to perform the calculations and analysis.

## Task 4: Funding Structure and Rate Methodology

The Village has an existing capital improvement plan (CIP) as presented in the Water Asset Management Plan previously submitted to EGLE. We will utilize this CIP as a base and add to it if the recommendations resulting from the updated criticality analysis.

Development of a revenue structure is required by the Rule. This proposal assumes that the Village will use results from recent internal analysis to perform this assessment. Therefore, only minimal effort is proposed as part of this task, which relates to assisting Village finance staff (or their designee) with suggested format, questions and, perform revisions on the proposed, prioritized CIP as per Village request.

## Task 5: Deliver Revised AMP Content for the Resubmission to EGLE

As part of this task, added content will be submitted to the Village for submission to EGLE, including the findings, results, and conclusions from the above outlined tasks. OHM Advisors will also meet with Village staff to review the methods used to develop the AMP including how to prioritize future asset replacement.

#### **SCHEDULE**

From the date of authorization, we propose to deliver the final deliverables to you within 6 weeks or by dates that we discuss and agree to. This duration is based on timely responses from the Village when information requests are verbally provided or formally submitted. As understood in the Scope of Services, on-going involvement is needed from the Village to maintain task progress and schedule.



#### **FEE**

OHM Advisors proposes to provide the above outlined professional services on an hourly basis and shall not exceed \$9,700, based on the task breakdown below.

TOTAL =	\$9,700
Task 5 – Deliver Revised AMP Content	<u>\$1,200</u>
Task 4 – Funding Structure and Rate Methodology	\$ 500
Task 3 – Asset Criticality Assessment	\$2,000
Task 2 – Condition Assessment	\$1,000
*Task 1 – Asset Inventory and Geographic Information Systems (GIS)	\$5,000

\*Note: Cost for Task 1 assume that the village has ArcGIS online already establish from their SAW grant work and the village will assist with data entry.

Please note, this proposal outlines the tasks associated with satisfying the currently understood EGLE's rule requirements. This proposal excludes further requirements that may be communicated from the EGLE after the date of this proposal. If additional labor effort is required beyond the scope of services as described herein, OHM Advisors will discuss a change order with the Village. OHM Advisors will not proceed with additional services without the expressed written authorization from the Village.

We thank you for this opportunity to provide professional engineering services. If there are any questions, please contact us. Should you find our proposal acceptable, please provide written authorization for us to begin the work.

Sincerely, OHM Advisors	Village of Newberry
atose	
David S. Boyle, P.E.	By:
Project Manager	Its:

Attachments: Standard Terms and Conditions

cc: File

Larry LaCross, OHM Lindsey Kerkez, P.E, OHM

#### STANDARD TERMS and CONDITIONS

- 1. THE AGREEMENT These Standard Terms and Conditions and the attached Proposal or Scope of Services, upon their acceptance by the Owner, shall constitute the entire Agreement between Orchard, Hiltz & McCliment, Inc. (OHM ADVISORS), a registered Michigan Corporation, and the Owner. The Agreement shall supersede all prior negotiations or agreements, whether written or oral, with respect to the subject matter herein. The Agreement may be amended only by mutual agreement between OHM ADVISORS and the Owner and said amendments must be in written form.
- 2. <u>SERVICES TO BE PROVIDED</u> OHM ADVISORS will perform the services as set forth in the attached proposal or scope of services which is hereby made a part of the Agreement.
- 3. <u>SERVICES TO BE PROVIDED BY OWNER</u> The Owner shall at no cost to OHM ADVISORS:
  - a) Provide OHM ADVISORS personnel with access to the work site to allow timely performance of the work required under this Agreement.
  - b) Provide to OHM ADVISORS within a reasonable time frame, any and all data and information in the Owners possession as may be required by OHM ADVISORS to perform the services under this Agreement.
  - c) Designate a person to act as Owners representative who shall have the authority to transmit instructions, receive information, and define Owner policies and decisions as they relate to services under this Agreement.
- 4. PERIOD OF SERVICE The services called for in this Agreement shall be completed within the time frame stipulated in the Proposal or Scope of Services, or if not stipulated shall be completed within a time frame which may reasonably be required for completion of the work. OHM ADVISORS shall not be liable for any loss or damage due to failure or delay in rendering any service called for under this agreement resulting from any cause beyond OHM ADVISORS reasonable control.
- 5. <u>COMPENSATION</u> The Owner shall pay OHM ADVISORS for services performed in accordance

- with the method of payment as stated in the Proposal or Scope of Services. Method of compensation may be lump sum, hourly; based on a rate schedule, percentage of the construction cost, or cost plus a fixed fee. The Owner shall pay OHM ADVISORS for reimbursable expenses for subconsultant services, equipment rental or other special project related items at a rate of 1.15 times the invoice amount.
- 6. TERMS OF PAYMENT Invoices shall be submitted to the Owner not more often than monthly for services performed during the preceding period. Owner shall pay the full amount of the invoice within thirty days of the invoice date. If payment is not made within thirty days, the amount due to OHM ADVISORS shall include a charge at the rate of one percent per month from said thirtieth day.
- 7. LIMIT OF LIABILITY OHM ADVISORS shall perform professional services under this Agreement in a manner consistent with the degree of care and skill in accordance with applicable professional standards of services of this type of work. To the fullest extent permitted by law, and not withstanding any other provision of this Agreement, the total liability in the aggregate, of OHM ADVISORS and its Officers, Directors, Partners, employees, agents, and subconsultants, and any of them, to the Owner and anyone claiming by, through or under the Owner, for any and all claims, losses, costs or damages of any nature whatsoever arises out of, resulting from or in any way related to the project or the Agreement from any cause or causes. including but not limited to the negligence, professional errors or omissions, strict liability, breach of contract or warranty, express or implied, of OHM ADVISORS or OHM ADVISORS' Officers, Directors, employees, agents or subconsultants, or any of them shall not exceed the amount of \$25,000 or OHM ADVISORS fee. whichever is greater.
- 8. <u>ASSIGNMENT</u> Neither party to this Agreement shall transfer, sublet, or assign any duties, rights under or interest in this Agreement without the prior written consent of the other party.

- 9. NO WAIVER Failure of either party to enforce, at anytime, the provisions of this Agreement shall not constitute a waiver of such provisions or the right of either party at any time to avail themselves of such remedies as either may have for any breach or breaches of such provisions.
- 10. <u>GOVERNING LAW</u> The laws of the State of Michigan will govern the validity of this Agreement, its interpretation and performance.
- 11. DOCUMENTS OF SERVICE The Owner acknowledge OHM ADVISORS' reports, plans and construction documents as instruments of professional services. Nevertheless, the plans and specifications prepared under this Agreement shall become the property of the Owner upon completion of the work and payment in full of all monies due OHM ADVISORS, however, OHM ADVISORS shall have the unlimited right to use such drawings, specifications and reports and the intellectual property therein. The Owner shall not reuse or make any modifications to the plans and specifications without prior written authorization by OHM ADVISORS. In accepting and utilizing any drawings or other data on any electronic media provided by OHM ADVISORS, the Owner agrees that they will perform acceptance tests or procedures on the data within 30 days of receipt of the file. Any defects the Owner discovers during this period will be reported to OHM ADVISORS and will be corrected as part of OHM ADVISORS' basic Scope of Services.
- 12. TERMINATION Either party may at any time terminate this Agreement upon giving the other party 7 calendar days prior written notice. The Owner shall within 45 days of termination, pay OHM ADVISORS for all services rendered and all costs incurred up to the date of termination in accordance with compensation provisions in this Agreement.
- 13. OHM ADVISORS' RIGHT TO SUSPEND ITS SERVICES In the event that the Owner fails to pay OHM ADVISORS the amount shown on any invoice within 60 days of the date of the invoice, OHM ADVISORS may, after giving 7 days notice

- to the Owner, suspend its services until payment in full for all services and expenses is received.
- 14. <u>OPINIONS OF PROBABLE COST</u> OHM ADVISORS preparation of Opinions of Probable Cost represent OHM ADVISORS' best judgment as a design professional familiar with the industry. The Owner must recognize that OHM ADVISORS has no control over costs or the prices of labor, equipment or materials, or over the contractor's method of pricing. OHM ADVISORS makes no warranty, expressed or implied, as to the accuracy of such opinions as compared to bid or actual cost.
- 15. JOB SITE SAFETY Neither the professional activities of OHM ADVISORS, nor the presence of OHM ADVISORS or our employees and subconsultants at a construction site shall relieve the General Contractor or any other entity of their obligations, duties, and responsibilities including, but not limited to, construction means, methods. sequences, techniques or procedures necessary for performing, superintending or coordinating all portions of the work of construction in accordance with the contract documents and the health or safety precautions required by any regulatory agency. OHM ADVISORS has no authority to exercise any control over any construction contractor or any other entity or their employees in connection with their work or any health or safety precautions. The Owner agrees that the General Contractor is solely responsible for jobsite safety, and warrants that this intent shall be made clear in the Owners agreement with the General Contractor. The Owner also agrees that OHM ADVISORS shall be indemnified and shall be made additional insureds under the General Contractors general liability insurance policy.
- 16. <u>DISPUTE RESOLUTION</u> In an effort to resolve any conflicts that arise during the design or construction of the project or following the completion of the project, the Owner and OHM ADVISORS agree that all disputes between them arising out of or relating to this Agreement shall be submitted to nonbinding mediation, unless the parties mutually agree otherwise.

# VILLAGE OF NEWBERRY



302 East McMillan Avenue, Newberry, MI 49868 Phone: 906-293-3433 Fax: 906-293-8890

# Water & Light Foreman Joe Lively JULY 2019

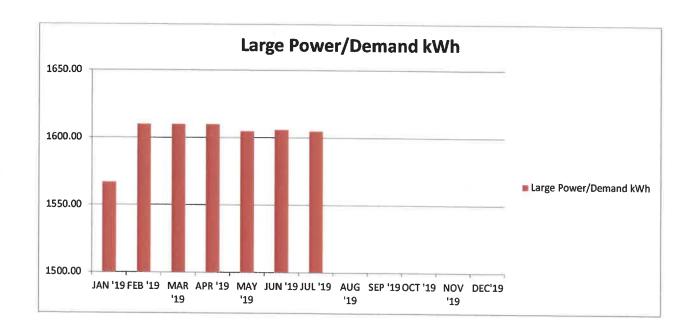
- > 9 New services for Charter Communications
- Meter reading
- Primary brushing (Section 3)
- > Inventory
- > Water meter reading
- > July 4 parade
- Seasonal on/off's
- > Trihalomethanes and halo acetic acids samples
- Partial flush (Tower, Section 2)
- Disconnects, nonpayment (13)
- Baci Samples
- Secondary brushing (Northline)
- Miss Digs
- > Red tags
- Outage/callout (W. Truman/squirrel)
- Removed unused secondary lines (Northline-Dollarville)
- > Water usage was 8.6 million gallons

	2019 - ELECTRIC CONSUMPTION / BILLING																			
			RESIDENTI	ΑL				CON	/MERCIA	L			LARC	SE POWER			DEMAND			
	ER	METERS	ER	Т	EO	ER	EC	EC METERS EC EC			LG	METERS	LG	F	UEL ADJ	DEMAND	METERS	Т	DEMAND	
2019	KW		FUEL ADJ		BASE	AMT BILLED	KW		FUEL ADJ	Al	MT BILLED	KW		AMT BILLED			KW		A	AMT BILLED
JAN	814308.00	1188	\$ 17,403.15	\$	1,160.15	\$ 85,266.66	328583.00	210	\$ 7,007.66	\$	40,334.69	581551.00	15	\$ 31,638.67	\$	15,825.61	1567.00	13	\$	14,344.16
FEB	758225.00	1188	\$ 16,217.48	\$	1,081.35	\$ 79,405.50	275482.00	208	\$ 5,864.06	\$	34,167.79	459941.00	15	\$ 25,245.16	\$	12,783.60	1610.00	13	\$	14,656.35
MAR	632228.00	1196	\$ 10,544.74	\$	899.47	\$ 66,207.35	274463.00	207	\$ 4,571.48	\$	34,044.94	480731.00	15	\$ 25,332.39	\$	8,152.17	1610.00	13	\$	14,646.51
APR	687758.00	1188	\$ 11,473.95	\$	978.65	\$ 72,020.51	260879.00	207	\$ 4,364.87	\$	30,610.22	464458.00	15	\$ 24,478.59	\$	7,920.20	1610.00	13	\$	14,652.68
MAY	583244.00	1189	\$ 9,730.89	\$	830.02	\$ 61,076.90	267090.00	207	\$ 4,462.85	\$	31,333.07	512409.00	15	\$ 26,990.87	\$	8,539.07	1605.00	13	\$	14,610.43
JUN	574345.00	1190	\$ 9,583.04	\$	817.18	\$ 60,099.81	236337.00	208	\$ 3,968.17	\$	27,854.25	526257.00	15	\$ 27,713.48	\$	8,870.46	1606.00	13	\$	14,610.43
JUL	507616.00	1192	\$ 8,469.39	\$	722.47	\$ 53,084.65	241038.00	217	\$ 4,054.84	\$	28,442.53	501500.00	15	\$ 26,408.65	\$	8,373.24	1605.00	13	\$	14,610.43
AUG						i i														
SEPT																				
ОСТ																				
NOV																				
DEC																				
TOTAL	4557724.00	8331.00	\$ 83,422.64		6489.29	\$ 477,161.38	1883872.00	1464.00	\$ 34,293.93	\$	226,787.49	3526847.00	105.00	\$ 187,807.81	\$	70,464.35	11213.00	91.00	\$	102,130.99
AVG	651103.4286	1190.143	11917.52	92	27.0414286	68165.91143	269124.5714	209.1429	4899.132857		32398.21286	503835.2857	15	26829.68714	10	066.33571	1601.857	13		14590.14143

TOTAL Kwh AVERAGE METERS 9979.66 1427.285714

Water & Light
Electric Demand Report Large Power/Industrial 2019

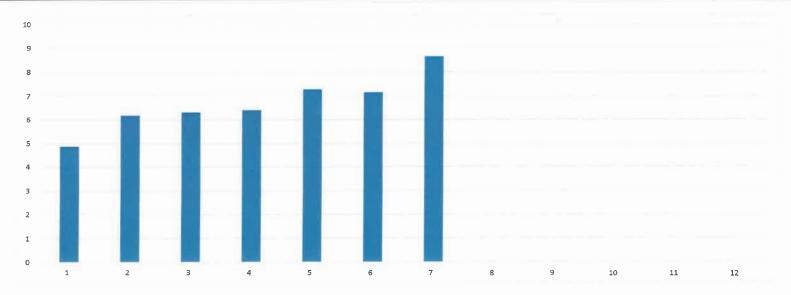
MONTH:	LG POWER/INDUSTRIAL	BILL	ED AMOUNT
DEC '18	1596.00	\$	14,580.32
JAN '19	1567.00	\$	14,344.16
FEB '19	1610.00	\$	14,656.35
MAR '19	1610.00	\$	14,646.51
APR '19	1610.00	\$	14,652.68
MAY '19	1605.00	\$	14,610.43
JUN '19	1606.00	\$	14,610.43
JUL '19	1605.00	\$	14,610.43
AUG '19			
SEP '19			
OCT '19			
NOV '19			
DEC'19			



Water & Light

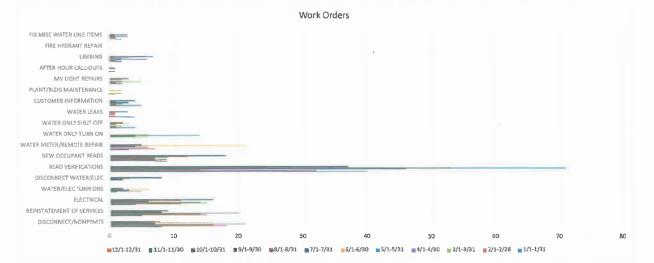
Water Pumpage Report - 2019

MONTH	PUMPAGE	1PAGE X 1,000,000 1000'S GALS \$ BILLED FOR		\$ BILLED FOR	GALS BILLED	LOSS	BILLED FOR	LOST REVENUE		
				GOAL					REU'S	
JAN 19	4.8782	4878200	4878.2	\$ 79,400.00	\$	77,749.00	4878.2	97.9%	1,036.65	\$ 1,651.00
FEB 19	6.1863	6186300	6186.3	\$ 79,400.00	\$	77,275.29	6186.3	97.3%	1,030.34	\$ 2,124.71
MAR 19	6.3154	6315400	6315.4	\$ 79,400.00	\$	77,524.70	6315.4	97.6%	1,033.66	\$ 1,875.30
APR 19	6.3991	6399100	6399.1	\$ 79,400.00	\$	77,475.07	6399.1	97.6%	1,033.00	\$ 1,924.93
MAY 19	7.268	7268000	7268	\$ 79,400.00	\$	77,190.16	7268	97.2%	1,029.20	\$ 2,209.84
JUN 19	7.144	7144000	7144	\$ 79,400.00	\$	77,890.90	7144	98.1%	1,038.55	\$ 1,509.10
JUL 19	8.637	8637000	8637	\$ 79,400.00	\$	77,547.46	8637	97.7%	1,033.97	\$ 1,852.54
AUG 19		0	0	\$ 79,400.00			0	0.0%	-	
SEP 19		0	0	\$ 79,400.00			0	0.0%	-	
OCT 19		0	0	\$ 79,400.00			0	0.0%	-	
NOV 19		0	0	\$ 79,400.00			0	0.0%	-	
DEC 19		0	0	\$ 79,400.00			0	0.0%	-	
				GOAL	\$	952,800.00	\$ 542,652.58	% OF	GOAL	
			В	ILLED TO DATE	\$	542,652.58		57	7%	
	46.828	REN	AINING NEEDE	FOR BUDGET	\$	410,147.42		6209	62.1%	1,033.57



### Water & Light Work Orders Report - 2019 July 2019

CUSTOMER INFORMATION	1/1-1/31	2/1-2/28	3/1-3/31	4/1-4/30	5/1-5/31	6/1-6/30	7/1-7/31	8/1-8/31	9/1-9/30	10/1-10/3	1/1-11/30	12/1-12/3
DISCONNECT/NONPYMTS	8	18	16	21	7	16	8					
REINSTATEMENT OF SERVICES	5	15	14	20	8	8	9					
ELECTRICAL	4	11	15	14	6	11	16					
WATER/ELEC TURN ONS	0	0	1	5	3	6	2					
DISCONNECT WATER/ELEC	0	0	0	2	2	3	8					
READ VERIFICATIONS	40	32	14	46	71	53	37					
NEW OCCUPANT READS	9	8	9	7	9	12	18					
WATER METER/REMOTE REPAIR	3	7	0	6	4	21	5					
WATER ONLY TURN ON	0	0	6	4	14	6	0					
WATER ONLY SHUT OFF	4	1	2	0	1	3	2					
WATER LEAKS	4	1	0	1	1	1	3					
CUSTOMER INFORMATION	5	1	2	3	3	1	4					
PLANT/BLDG MAINTENANCE	0	1	2	0	0	2	0					
MV LIGHT REPAIRS	2	1	5	2	0	2	3					
AFTER HOUR CALL-OUTS	0	0	1	0	0	1	1	Į.				
LIMBING	2	1	2	6	2	3	7					
FIRE HYDRANT REPAIR	0	0	0	0	0	0	0					
FIX MISC WATER LINE (TEMS	0	2	1	1	3	1	3					
TOTAL5	86	99	90	138	134	150	126	0	0	0	0	0



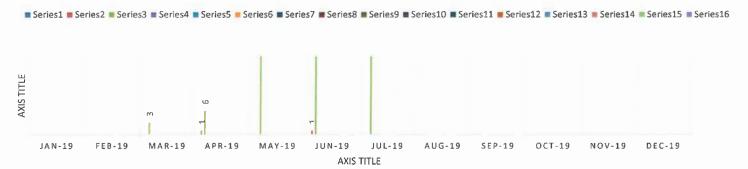
# WATER AND LIGHT MISS DIGS

# Water & Light Miss Digs July 2019



MISS DIGS	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
000 RESPONSE PENDING												
001 NO CONFLICT				1		1						
002 MARKED			3	6	24	32	25					
003 NOT COMPLETE												
004 MARKED-UTILITY REQUIRED ON SITE DURING EXCAVATION												
005 ON GOING COORDINATION												
006 NOT MARKED-NO ACCESS TO WORK AREA												
007 STATED SCOPE OF WORK COMPLETED												
008 FACILITY RESPONSE NOT REQUIRED												
009 ADDITIONAL LOCATING REQUIRED												
010 EXEMPT FROM MARKING												
013 CANCELED												
201 DESIGN-TASK FACILITIES												
202 DESIGN-TASK COMPLETED												
203 DESIGN-MARKING REQUIRED												
999 HAS NOT RESPONDED												
TOTALS	0	0	3	7	24	33	25	0	0	0	0	0

## **WATER & LIGHT**



\$0.100793 \$0.045221
\$0.016061
\$0.017380
 111 . 0 11 11

<-- Monthly base rate.

<-- Base case cost.

<-- EA for 1st 6 months

<-- EA for 2nd 6 months

Newberry Water & Light Board 307 East McMillan Avenue Newberry, MI 49868 Modified and updated Sep 2013 (PFL)

Monthly base rate adopted in Aug 2012, and applied to Nov 2013 billing. There is also a \$9.00 meter base charge. Keep both until changed by board. Base case cost per kWh adopted at the time we modified our EA procedure in Mar 2007. Keep until changed by board.

<-- Enter this EA figure from cell E33 of last year spreadsheet.

<-- Enter this EA figure from cell E32 of this year spreadsheet.

# For Year

#### 2019

Billing month	Power Cost/ kWh	Base Case Cost/kWh	Increase/ (DECREASE) Base Case (%)	EA Real Cost Difference	Total EA Adjustment	Monthly Base Rate	Monthly Applied Rate
January (Dec bill) February (Jan bill)	\$0.062348 \$0.065493	\$0.045221 \$0.045221	37.873% 44.829%	\$0.017127 \$0.020272			
March (Feb bill)	\$0.062924	\$0.045221	39.149%	\$0.017703	\$0.016061	\$0.100793	\$0.116854
April (Mar bill)	\$0.069165	\$0.045221	52.949%	\$0.023944			
May (Apr bill)	\$0.060556	\$0.045221	33.912%	\$0.015335			
June (May bill)	\$0.055117	\$0.045221	21.884%	\$0.009896			
July (June bill)	\$0.061028	\$0.045221	34.954%	\$0.015807			
August (July bill)	\$0.060438	\$0.045221	33.650%	\$0.015217			
September (Aug bill)	\$0.062248	\$0.045221	37.654%	\$0.017027	\$0.017380	\$0.100793	\$0.118173
October (Sep bill)	\$0.060344	\$0.045221	33.442%	\$0.015123			
November (Oct bill)	\$0.061510	\$0.045221	36.021%	\$0.016289			
December (Nov bill)	\$0.062124	\$0.045221	37.379%	\$0.016903			
AVERAGES, Jan - Jun			0.384326911	\$0.017380			

AVERAGES, Jul - Dec

0.355165063

# Budget Amendments

GL Number	Description	19 Adopted	19 Amended	19 Activity	New Amended	Change
101-201-730.000	SETTLEMENT	0.00	0.00	0.00	750.00	750.00
582-583-730.000	SETTLEMENT	0.00	0.00	0.00	6,000.00	6,000.00
590-537-730.000	SETTLEMENT	0.00	0.00	0.00	2,250.00	2,250.00
591-536-730.000	SETTLEMENT	0.00	0.00	0.00	6,000.00	6,000.00
Total Revenues:		0.00	0.00	0.00	0.00	0.00
Total Expenditures:		0.00	0.00	0.00	15,000.00	15,000.00
Net of Rev/Exp:		0.00	0.00	0.00	(15,000.00)	(15,000.00)