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Hon. Robin L. Morrison, Chairman c/o Ectory Lawless, Docket Room Manager Tennessee Public Utilities Commission 502 Deaderick Street, 4th Floor Nashville, TN 37243

RE: Petition of Tennessee-American Water Company in Support of the Calculation of the 2019 Capital Recovery Riders Reconciliation, Docket No. 19-00031

Dear Chairman Morrison:

Attached for filing please find *Tennessee American Water Company's Responses to the First Discovery Requests of the Consumer Advocate* in the above-captioned matter.

As required, an original of this filing, along with four (4) hard copies, will follow. Should you have any questions concerning this filing, or require additional information, please do not hesitate to contact me.

Very truly yours,

BUTLER SNOW LLP

Melvin J. Malone

clw

Attachments

cc: Elaine Chambers, Tennessee-American Water Company

Daniel P. Whitaker III, Assistant Attorney General, Financial Division, Consumer Advocate Unit Karen H. Stachowski, Assistant Attorney General, Financial Division, Consumer Advocate Unit

BEFORE THE TENNESSEE PUBLIC UTILITY COMMISSION NASHVILLE, TENNESSEE

PETITION OF TENNESSEE-AMERICAN)	
WATER COMPANY REGARDING)	
CHANGES TO THE QUALIFIED)	
INFRASTRUCTURE INVESTMENT)	
PROGRAM RIDER, THE ECONOMIC)	
DEVELOPMENT INVESTMENT RIDER,)	DOCKET NO. 19-00031
AND THE SAFETY AND)	
ENVIRONMENTAL COMPLIANCE)	
RIDER AND IN SUPPORT OF THE)	
CALCULATION OF THE 2019 CAPITAL)	
RECOVERY RIDERS RECONCILIATION)	
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TENNESSEE-AMERICAN WATER COMPANY'S RESPONSES TO FIRST DISCOVERY REQUESTS OF THE CONSUMER ADVOCATE

Tennessee-American Water Company ("TAWC"), by and through counsel, hereby submits its Responses to the First Discovery Requests propounded by the Consumer Advocate Unit in the Financial Division of the Attorney General's Office ("Consumer Advocate").

GENERAL OBJECTIONS

- 1. TAWC objects to all requests that seek information protected by the attorneyclient privilege, the work-product doctrine and/or any other applicable privilege or restriction on disclosure.
- 2. TAWC objects to the definitions and instructions accompanying the requests to the extent the definitions and instructions contradict, are inconsistent with, or impose any obligations beyond those required by applicable provisions of the Tennessee Rules of Civil Procedure or the rules, regulations, or orders of the Tennessee Public Utility Commission ("TPUC" or "Authority").

- 3. The specific responses set forth below are based on information now available to TAWC, and TAWC reserves the right at any time to revise, correct, add to or clarify the objections or responses and supplement the information produced.
- 4. TAWC objects to each request to the extent that it is unreasonably cumulative or duplicative, speculative, unduly burdensome, irrelevant or seeks information obtainable from some other source that is more convenient, less burdensome or less expensive.
- 5. TAWC objects to each request to the extent it seeks information outside TAWC's custody or control.
- 6. TAWC's decision, now or in the future, to provide information or documents notwithstanding the objectionable nature of any of the definitions or instructions, or the requests themselves, should not be construed as: (a) a stipulation that the material is relevant or admissible, (b) a waiver of TAWC's General Objections or the objections asserted in response to specific discovery requests, or (c) an agreement that requests for similar information will be treated in a similar manner.
- 7. TAWC objects to those requests that seek the identification of "any" or "all" documents or witnesses (or similar language) related to a particular subject matter on the grounds that they are overbroad and unduly burdensome, and exceed the scope of permissible discovery.
- 8. TAWC objects to those requests that constitute a "fishing expedition," seeking information that is not relevant or reasonably calculated to lead to the discovery of admissible evidence and is not limited to this matter.
- 9. TAWC does not waive any previously submitted objections to the Consumer Advocate's discovery requests.

Responsible Witness: Brent E. O'Neill

Question:

1. The response to CPAD 1-9 in Docket No. 17-00020 outlined the process and coding used to determine eligibility for the inclusion of projects within the Capital Riders surcharge. Please review this response and indicate whether the process used within Docket No. 19-00031 is consistent with this response. To the extent any procedures or coding have been changed from this response, provide a comprehensive explanation identifying how the process has changed.

Response:

1. Yes, the response to CPAD 1-9 in Docket No. 17-00020 is consistent with the approach utilized in this Docket with the exception that Investment Projects I26-050002 Facility Upgrades at Whitwell WTP and I26-050004 Replace 0.1 MG Storage Tank at Whitwell have been included in this year's SEC rider filing amounts. These projects were included in the 2018 Capital Riders' surcharge filing, Docket No. 17-00124, of which is the basis of this reconciliation docket. These investment projects were not in-service for the reconciliation year in Docket No. 17-00020.

Responsible Witness: Brent E. O'Neill

Question:

2. Identify the amount of capitalized labor included within the Capital Riders split into the following categories: a) external labor, b) TAWC labor, and c) labor from any TAWC affiliate, including any service company or division, by year for the period 2016-2018.

Response:

2. Please refer to the table below for the capitalized labor by year that has been included in the capital rider filings.

Labor Categories	2016	2017	2018	
TAWC Labor & Related	\$2,411,719	\$2,644,125	\$1,830,926	
Contracted Services	6,905,092	4,657,232	2,771,017	
Service Company Labor	525,169	293,053	147,805	
Keystone Solutions	410,709			
	\$10,252,689	\$7,594,410	\$4,749,748	

Responsible Witness: Elaine K. Chambers

Question:

3. Regarding the Supplemental Exhibit titled "Authorization of Tennessee American Water Capital Recovery Riders Since Last Rate Case", the rates associated with Docket No. 18-00022 are identified as "Pending." Provide a comprehensive explanation as to the status of implementing these rates. What needs to occur in order to implement rates consistent with the Commission's decision"

Response:

3. The effective date for Docket No. 18-00022 should have been April 15th, 2019 based on the deliberations on April 15th, 2019. Docket No. 18-00022 is the annual reconciliation filing for the calendar year of 2017 that was filed on March 2, 2018. Due to the length of the regulatory proceeding for Docket No. 18-00022, the revised date of issue for the annual reconciliation rate has surpassed the end of the calendar year 2018 for which it would have been effective. Because the tariff sheet for Docket No. 18-00022 expired December 31, 2018, any additional revenues to be received from or credited to the customers have been carried forward into this Docket No. 19-00031. Please refer to the exhibit "Petitioner's Exhibit – Capital Riders Reconciliation – Revised 5_16_19 – EKC", line 29, labeled "2017 Reconciliation Amount". This line reflects the Over-Under amount carried forward from the prior period reconciliation Docket No. 18-00022.

Responsible Witness: Elaine K. Chambers

Question:

4. The tab "WKP 2018 Tax Depreciation Balances within the TAWC Capital Riders Reconciliation file contains hard coded percentages for Repair Deductions for each year 2014 - 2018. Provide supporting workpapers and documentation for the hard-coded percentages contained within this worksheet by year.

Response:

Please see "TAW_R_CPADDR1_NUM004_081619_Attachment". For the repairs deductions in the Capital Rider Reconciliation, the Company used the percentage of actual repairs over total property per the tax returns for 2014-2016 (referenced as a, b & c in the attachment). For 2017 T&D, the repairs percentage is the deduction per the tax return over replacement property (referenced as d). For 2017 and 2018 non T&D, a 4 year average of repair deductions over replacement property was used (referenced as f). For 2018 T&D, a 10 year average of repair deductions over replacement property was used (referenced as e).

Responsible Witness: Brent E. O'Neill

Question:

5. Refer to the Company's Response to Consumer Advocate Discovery Request No. 3-1 in Docket No. 18-00022 referring to the Comprehensive Planning Study (CPS). The response indicates that the long-range report is the starting point for the "majority" of the strategy for infrastructure replacement. Provide a response indicating the source for the remaining portion of infrastructure replacement is developed, outside of the CPS.

Response:

As indicated in the Company's Response to Consumer Advocate Discovery Request No. 3-1 in Docket No. 18-00022, the Comprehensive Planning Study (CPS) is the starting point that identifies major improvements needs to ensure safe, dependable and reliable operations of the facilities and allows the facilities to meet the regulatory requirements for the production and distribution of drinking water. As also indicated in response to Consumer Advocate Discovery Request No. 3-1 in Docket No. 18-00022, the additional source for the remaining portion of infrastructure replacement is developed through the company's understanding of trends from historical and forecasted needs along with the knowledge of the process and equipment under the supervision of the area managers and supervisors. This process is explained in more detail in O'Neill's Direct Testimony in Docket No. 17-00124 on pages 4 through 6. In this testimony, it is indicated that proposed capital budget is developed with input by Operations Supervisors and Project Managers and then shares the plan with TAWC President and the TAWC Director of Operations for their review and approval. It is further explained that the identified work will enable TAWC to provide safe, adequate and reliable service to its Customers to meet their domestic, commercial and industrial needs; provide flows adequate for fire protection; and satisfy all regulatory and safety requirements. In addition, page 8 of O'Neill's direct testimony in Docket No. 19-00031 lines 7 to 21 provide an additional indication that a review of facility needs is conducted to establish a general guide for needed improvements over a short-term horizon. These improvements are prioritized by TAWC to allow it to: provide safe, adequate, and reliable service to its customers to meet their domestic, commercial, and industrial needs; provide flows adequate for fire protection; satisfy all regulatory requirements; and enhance economic growth.

Responsible Witness: Brent E. O'Neill

Question:

- 6. Refer to the Company's Response to Consumer Advocate Discovery Request No. 3-1 in Docket No. 18-00022 referring to the Comprehensive Planning Study. With respect to this study please respond to the following:
 - a. How often is the study updated?
 - b. Provide a copy of any update study completed since November 2015.

- a. Typically, the Company will update a Comprehensive Planning Study every 5 to 7 years. This allows the long-term strategy of the previous study to be completed and reduces the risk of changing objectives that could have an impact on the efficient deployment of financial resources.
- b. There has not been an update to the study since November 2015.

Responsible Witness: Brent E. O'Neill

Question:

- 7. Refer to the Company's Response to Consumer Advocate Discovery Request No. 3-1 in Docket No. 18-00022 referring to the Comprehensive Planning Study, Attachment 3, regarding the Whitwell and Suck Creek Systems. On pages xii and xiii of the Key Findings-Whitwell section, there is a statement indicating that reducing NRW is an important project that is anticipated to have a large impact on reducing projected demand, while also providing potential avoided costs with production upgrades. With respect to this statement, provide the following information:
 - a. Identify the ratio of NRW by year for the period 2014 2018;
 - b. Identify the capital expenditures made and included in the Capital Riders which impact the NRW for the Whitwell area by year for the period 2016-2018; and
 - c. Provide a status update of priority projects Al AS, within Table E-1, identifying costs incurred to date and estimated remaining costs, and identifying the portion of such project costs included within the Capital Riders by year. It is understood that projects Al AS would likely be included in response (b) above.

- 7a. The NRW ratios by year for 2014 2018 are 53.5%, 54.4%, 49.5%, 49.1% and 44.0%, respectively.
- 7b. The capital expenditures designated to help reduce NRW are related to infrastructure replacement and system performance monitoring. These expenditures fall under the Qualified Infrastructure Improvement Program (QIIP) and Safety and Environmental Compliance (SEC) Capital Riders. The replacement of aging water infrastructure ensures the reduction of NRW through leakage and maintains the efficiency and integrity of both the water production and distribution systems. Meter replacements covered under Line J Meters Replaced allows for the accurate measurement of water used by customers and contributes to the overall NRW calculation. Additionally, system performance monitoring, through Line L SCADA Equipment and Systems, ensures the water system is managed in the most efficient way to reduce NRW. For example, SCADA systems are in place to ensure system storage tanks are run as efficiently as possible and do not overflow resulting in NRW. In general, expenditures designed to reduce NRW include Reoccurring Projects Line A Main New, Line B Mains Replaced/Restored, Line C Mains Unscheduled, Line D Mains Relocated, Line F Hydrants, Valves, and

- Manholes Replaced, Line H Services and Laterals Replaced, Line J Meters Replaced, Line L SCADA Equipment and Systems, Line Q Process Plant Facilities and Equipment and Line R Capitalized Tank Rehabilitation/Painting.
- Project A-1, Whitwell NRW Reduction, has been ongoing since the system was acquired. Initially, all the water meters were replaced with automatic meter reading or AMR technology to ensure accurate readings. Both helium and satellite leak detection methods have been used along with more traditional sounding methods to identify and repair leaks. Additionally, the master meters at the water treatment plant, which measure the total flow leaving the plant, were replaced to ensure an accurate measurement of the total water produced. As noted in response 7(a), there has been an appreciable reduction in NRW from 2014 to 2018, dropping almost 10% over that time period. Project A-2, Reroute Finished Water Main Via Bridge, Install 9,300 ft of 8-inch Main, is a project which is slotted to be completed in 2019. Its contribution to NRW reduction is related to the eventual abandonment of a 4inch main connecting the water treatment plant to the eastern portion of the Whitwell system. Project A-3, Whitwell Slope Stability Analysis and Erosion Control Improvements, has been rolled into a future project to rehabilitate and/or replace the intakes. Project A-4, Construct 150,000 Gal Reservoir and Install 5,500 ft of 8-inch Main on Valley View Drive Hwy, was essentially completed as part of the Prologue water main extension in 2017 which linked the ends of existing mains on Valley View Drive. Project A-5, Connect Customers to Ketner Cove Gradient and Install an In-Line Booster Pump, consisted of boosting pressure to customers in higher elevations. This was accomplished by shifting some customers off the water treatment plant repump zone and over to the crossroads repump zone to improve pressure.

Responsible Witness: Elaine K. Chambers

Question:

- 8. With respect to the customers served by the Company in Georgia, provide the following information:
 - a. Identify the number of customers as of December 31, 2018;
 - b. Indicate whether these customers are served pursuant to the Company's tariffs and rates, including the Capital Riders approved by TPUC; and
 - c. Indicate whether revenues, expenses, and Rate Base utilized to serve these customers are incorporated into the monthly earnings reports provided to the Commission. If these are not incorporated, provide a comprehensive explanation indicating how the Tennessee portion of the revenue requirement is determined.

- 8. For the customers served by the Company in Georgia, please refer to the following information:
 - a. 5,275 customers as of December 31, 2018;
 - b. Yes. These customers are served pursuant to the Company's tariffs and rates, including the Capital Riders approved by TPUC.
 - c. Yes. Revenues, expenses and rate base utilized to serve these customers are incorporated in the monthly earnings reports provided to the Commission.

Responsible Witness: Brent E. O'Neill

Question:

9. Refer to the Company's Response to Consumer Advocate Discovery Request No. 3-1 in Docket No. 18-00022 referring to the Comprehensive Planning Study. The Study references the need to complete certain projects to meet future growth, primarily the increased flows to Catoosa UD. Provide the amount of qualifying Capital Riders expenditures by year for the period 2016 - 2018 exclusively associated with the provision of wholesale service to Catoosa UD.

Response:

The 2015 Comprehensive Planning Study that was provided in Docket No. 18-00022 identified at least three potential projects that would improve service within Tennessee American Water's East Ridge gradient to address existing system deficiencies while providing future service reliability within the gradient. At this time, the Company has not started any of these recommended projects. In addition, the Company has not undertaken any projects that would qualify as a Capital Rider for the period of 2016-2018 that was exclusively associated with the provision of wholesale service to Catoosa UD.

Responsible Witness: Brent E. O'Neill

Question:

- 10. Refer to the Company's Response to Consumer Advocate Discovery Request No. 3-1 in Docket No. 18-00022 referring to the Comprehensive Planning Study. Page 15 of 384 refers to an energy study conducted in parallel with the CPS. With respect to the projects referenced on this page, provide the following information:
 - a. Provide a copy of the referenced energy study;
 - b. Were any projects identified within the energy study included as Capital Rider investment for the period 2016-2018;
 - c. If so, provide the annual expenditures included in the Capital Riders associated with the energy study investments; and
 - d. Provide an explanation justifying the eligibility of such investments within the Capital Riders revenue requirement.

- 10a. See attached energy study noted in the CPS on page 15 of 384 of the exhibit provided in response to No. 3-1 in Docket No. 18-00022. This study was included in the Company's Response to Consumer Advocate Discovery Request No. 3-1 in Docket No. 18-00022 as Project E-1 of the CPS on pages 96 of 384 to 103 of 384 of the exhibit.
- 10b. No
- 10c. None were included within the time period 2016-2018.
- 10d. Motor and pump replacement replacements would be capital rider under QIIP, primarily under the Q budget line. Supervisory Control and Data Acquisition or SCADA controls would be rider eligible under the L budget line.

Responsible Witness: Elaine K. Chambers

Question:

- 11. Refer to the Capital Riders Reconciliation file, specifically the WKP SAP revenue tab:
 - a. Provide the title of each of the GL Accounts identified within column A;
 - b. Provide the definition of the various rate numbers within column B (notwithstanding the identifiers QIIP, EDI and SEC);
 - c. Identify any rate class which is not billed for the Capital Riders; and
 - d. Provide the 2018 annual general ledger balances for each revenue account of TAWC.

- 11. a. 40111000 Residential Sales Billed
 - 40111200 Residential Sales Billed DSIC
 - 40121100 Commercial Sales Billed Surcharge
 - 40121200 Commercial Sales Billed DSIC
 - 40131100 Industrial Sales Billed Surcharge
 - 40131200 Industrial Sales Billed DSIC
 - 40145200 Private Fire Billed DSIC
 - 40151200 Public Authority Billed DSIC
 - 40161200 Sales for Resale Billed DSIC
 - 40171100 Misc Sales Billed Surcharge
 - b. TNNRFEDI Tennessee Non-Residential Private Fire EDI
 - TNNRFQIIP- Tennessee Non-Residential Private Fire QIIP
 - TNNRFSEC- Tennessee Non-Residential Private Fire SEC
 - TNNRWEDI- Tennessee Non-Residential Water EDI
 - TNNRWOIIP- Tennessee Non-Residential Water OIIP
 - TNNRWSEC- Tennessee Non-Residential Water SEC
 - TNRSWEDI- Tennessee Residential Water EDI
 - TNRSWQIIP- Tennessee Residential Water QIIP
 - TNRSWSEC- Tennessee Residential Water SEC
 - c. Miscellaneous and Other Fees.
 - d. Please refer to attachment file TAW_R_CPADDR1_NUM011_081619_Attachment.

Responsible Witness: Brent E. O'Neill

Question:

- 12. Refer to the Capital Riders Reconciliation file, specifically the WKP 2018 Tax Depreciation Balances tab, columns S AA.
 - a. Provide confirmation through the provision of the applicable portion of TAWC (or AWC) federal tax returns documenting the use of a 4% straight line tax depreciation rate for 25-year property (beginning the year subsequent to installation) and a 2.564% rate for 39 year property; and
 - b. Provide confirming documentation that Transmission Mains are depreciated for tax purposes over a 39-year life.

Response:

a. Below is a portion of the IRS guidance on depreciating water property (25-year life property) and structures/building (39-year life property). The company is generally required to use the half year convention which assumes all the property is placed in service July 1. For 25-year property, the depreciation is a straight line rate of 4% per year except for year 1 and year 26 where it is half. For 39-year property, the depreciation is a straight line rate of 2.564% per year except for the first and last year.

Per U.S. Master Depreciation Guide, ¶113:

The cost of water utility property is recovered over a period of 25 years using the straight-line method (Code Sec. 168(b)(3) and Code Sec. 168(c), as amended by the Small Business Job Protection Act of 1996 (P.L. 104-188)).

Per U.S. Master Depreciation Guide, ¶116:

The cost of nonresidential real property is recovered under the straight-line method over a recovery period of 39 years for property generally placed in service after May 12, 1993.

b. Transmission mains used in a water system are considered water property and depreciated over 25 years for tax purposes. See below for an additional exert from U.S. Master Depreciation Guide, ¶113:

Water utility property is defined as (1) property that is an integral part of the gathering, treatment, or commercial distribution of water, and that, would have a 20-year recovery period if the 25-year recovery period was not assigned to it, and (2) any municipal sewer (Code Sec. 168(e)(5), as added by the Small Business Job Protection Act of 1996 (P.L. 104-188), effective for property placed in service after June 12, 1996, other than property placed in service pursuant to a binding contract in effect before June 10, 1996, and at all

times thereafter before the property is placed in service). Water utility property is described in Asset Classes 49.3 and 51.0 of Rev. Proc. 87-56.

Responsible Witness: Elaine K. Chambers

Question:

13. Refer to the Capital Riders Reconciliation file, specifically the WPK NOLC Calculation tab. Provide the justification for the use of a 35% tax rate in cell J56, rather than the current effect federal rate of 21%.

Response:

The NOLC balance in cell J55 is a cumulative NOLC balance with no build after 12/31/2017 when the federal rate changed. For regulatory purposes, this balance should be tax effected at the rate it was generated at. The treatment of the excess deferred taxes due to the rate change is not addressed in this filing and should be considered, in its entirety, through the TCJA tax docket no. 18-00039. Any 2018 activity is being tax effected at the new rate but the pre-2018 activity should still be at the old tax rate.

Responsible Witness: Brent E. O'Neill

Question:

14. Refer to TAW_2018_Capital_Rider_Recon_Revised_5_16_19.xlsx. Specifically, refer to the tab "WKP 2018 Actuals". Provide a description of the work performed regarding the Camp Jordan Relocation under the relocated mains project.

Response:

The Camp Jordan Relocation project was associated with a Tennessee Department of Transportation (TDOT) project to rework the intersection of Camp Jordan Parkway and Ringgold Road. Due to the relocation and reconstruction of the intersection, an existing 8-inch main and 2-inch main was impacted due to changes in grade and the location of the new pavement. The Company installed approximately 1,000 lineal feet of 12-inch ductile iron main to replace the existing 8-inch and 2-inch main that was impacted by the work performed by TDOT.

Responsible Witness: Brent E. O'Neill

Question:

15. Refer "TAW_2018_Capital_Rider_Recon_Revised 5_16_19.xlsx" as filed with the Company's amended Petition. Specifically, refer to the tab "WKP 2018 Actuals". Provide invoice support for row 111: I26-050002091, facility upgrades at Whitwell WTP in the amount of \$76,063.16.

Response:

15. Please refer to the attachment file TAW_R_CPADDR1_NUM015_081619_Attachment for the cost summary for the work order and amount of \$76,063.16. The amount selected is part of unitization for work order I26-050002-01, Facility Upgrades at Whitwell WTP that occurred in August 2018. I26-050002-01, Facility Upgrades at Whitwell WTP was placed in-service in December 2017 and the costs were included in Docket #18-00022.

Responsible Witness: Brent E. O'Neill

Question:

16. Refer to "TAW_2018_Capital_Rider_Recon_Revised 5_16_19.xlsx" as filed with the Company's Amended Petition. Specifically, refer to the tab "WKP 2018 Actuals". Provide invoice support for row 113: R26-02B1.18-P-0002, Hanover 1300 blk in the amount of \$75,700.01.

Response:

16. Please refer to the attachment file TAW_R_CPADDR1_NUM016_081619_Attachment for the cost and invoice support for the work order and amount of \$75,700.01 referenced in the data request above.

Responsible Witness: Brent E. O'Neill

Question:

17. Refer "TAW_2018_Capital_Rider_Recon_Revised 5_16_19.xlsx" as filed with the Company's amended Petition. Specifically, refer to the tab "WKP 2018 Actuals". Provide invoice support for row 184: R26-02Ml.18-P-8001, ExacQ - TN in the amount of \$42,810.05.

Response:

17. Please refer to the attachment file TAW_R_CPADDR1_NUM017_081619_Attachment for the cost and invoice support for the work order and amount of \$42,810.05 referenced in the data request above.

Responsible Witness: Brent E. O'Neill

Question:

18. Refer "TAW_2018_Capital_Rider_ReconRevised 5_16_19.xlsx" as filed with the Company's amended Petition. Specifically, refer to the tab "WKP 2018 Actuals". Provide invoice support for row 693: Cost of Removal, R26-02Ql.18-P-0005, Repl. 10" Intake Flush Line Gate VI in the amount of \$7,193.72.

Response:

18. Please refer to the attachment file TAW_R_CPADDR1_NUM018_081619_Attachment for the cost and invoice support for the work order and amount of \$7,193.72 referenced in the data request above.

Responsible Witness: Brent E. O'Neill

Question:

19. Refer "TAW_2018_Capital_Rider_Recon _Revised 5_16_19.xlsx" as filed with the Company's amended Petition. Specifically, refer to the tab "WKP 2018 Actuals". Provide invoice support for row 860: Addition, R26-02Ml .18-P-8006, CITICO Cabling, in the amount of \$5,065.58.

Response:

19. Please refer to the attachment file TAW_R_CPADDR1_NUM019_081619_Attachment for the cost and invoice support for the work order and amount of \$5,065.58 referenced in the data request above.

Responsible Witness: Brent E. O'Neill

Question:

20. Refer "TAW_2018_Capital_Rider_ReconRevised 5_16_19.xlsx" as filed with the Company's amended Petition. Specifically, refer to the tab "WKP 2018 Actuals". Provide a narrative description for the entries on rows 1157 and 6159 referencing offsetting entries for CIAC, R26-02El.18-P-0002-CN, Elam Lane North of Lifestyle Way, in the amount of \$2,800.00.

Response:

20. The cash receipt of (\$2,800) was transferred from work order R26-02El.18-P-0002-CN to R26-02El.18-P-0009-CO. The offsetting entries on R26-02El.18-P-0002-CN reflect a zero balance for that work order. The cash receipt of (\$2,800) is now reflected in the balance on work order R26-02El.18-P-0009-CO.

Responsible Witness: Elaine K. Chambers

Question:

21. Refer to "TAW_2018_Capital_Rider_Recon_Revised_5_16_19.xlsx." Specifically, refer to the tab "Exhibit Reconciliation". Please provide a narrative description along with source and support the amounts shown on this line for "APP Revenue Reduction" appearing on line 20.

Response:

21. Per the order in Docket No. 17-00020 and the approved 2018 capital surcharge filing in Docket No. 17-00124, the "APP Revenue Reduction" amount is reducing surcharge revenue related to capitalized incentive compensation. Incentive compensation from Service Company employees was inadvertently capitalized in the years 2013 – 2016. This Docket no. 19-00031 is reconciliation docket for the 2018 capital rider surcharges originally approved in Docket No. 17-00124. Attached, please find attachment file TAW_R_CPADDR1_NUM021_081619_Attachment which is a copy of the workpaper submitted in the original petition, Docket No. 17-00124.

Responsible Witness: Elaine K. Chambers

Question:

22. Refer to "TAW_2018_CapRider_Cost_Detail.xlsx" as filed with the Company's Petition. Specifically, refer to the tab "WKP-Charge Detail." Confirm that the entries coded "AIP Cap Credits" in the column E "cost element" are referencing capitalized annual incentive plan charges. If confirmed, provide evidence that the inclusion of this cost element is consistent with Commissions regulatory treatment of AIP in Docket No. 10-00189 and subsequent dockets.

Response:

22. Yes. Per Consumer Advocate Witness Buckner direct testimony in Docket #12-00049, page 10, CA recommended 50% reduction of "incentive payroll" that was consistent with Docket #10-00189. The amount of salaries and wage expense recommended by CA agrees to the amount in the Stipulation and Settlement for Docket #12-00049. The cost element titled "AIP Cap Credits" relates to TAWC's "incentive payroll" charges of which have been capitalized and is consistent with the 50% allowed in both dockets #10-00189 and 12-00049. The amount of capitalized "incentive payroll", from TAWC's employees, included in this docket is \$15,980 for the 12 months ending December 31, 2018.

Responsible Witness: Elaine K. Chambers

Question:

23. Refer to "TAW_2018_CapRider_Cost_Detail.xlsx" as filed with the Company's Petition. Specifically, refer to the tab "WKP-Charge Detail." Confirm that the entries coded "Pension Cap Credits" in the column E "cost element" are referencing capitalized cash basis pension plan charges.

Response:

23. Yes. TAWC records cash basis pension costs to pension expense of which a portion is capitalized. The cost element titled "Pension Cap Credits" is the capitalized portion of cash basis pension costs. The amount of capitalized pension costs, from TAWC's employees, included in this docket is \$34,440 for the 12 months ending December 31, 2018.

Responsible Witness: Elaine K. Chambers

Question:

- 24. Refer to "TAW_2018_CapRider_Cost_Detail.xlsx" as filed with the Company's Petition. Specifically, refer to the tab "WKP-Charge Detail." Provide a description of the following terms that are found in column E of this tab:
 - a. "LaborNSOT CapCredits"
 - b. "PBOP CapCredits"

- 24. Please refer to the descriptions provided below:
 - a. "LaborNSOT CapCredits" Capitalized non-scheduled overtime labor
 - b. "PBOP CapCredits" Capitalized Postretirement Benefits Other than Pensions ("PBOP") which also could be referred to as Capitalized Other Postemployment Benefits ("OPEB").

Responsible Witness: Elaine K. Chambers

Question:

- 25. Refer to the Capital Riders Reconciliation file, specifically the WPK NOLC Calculation tab. The NOLC Total Company of \$4,117,546 is a hard-coded number.
 - a. Provide General Ledger support for this balance; and
 - b. Provide all supporting workpapers validating this balance.

Response:

- a. The Company does not keep a separate account balance related to NOLC's. The related deferred tax asset is included in the same account as other deferred tax asset and liabilities.
- b. Please see "TAW_R_CPADDR1_NUM025_081619_Attachment". This information was previously provided in Docket 18-00120 in TAW_R_CADDR1_NUM003_031519. The response was the following:

This is TN's cumulative gross temporary difference (before tax) starting at 12/31/2017 and ending at 12/31/2018. The activity includes the 2017 tax return true up, TBBS (tax basis balance sheet) adjustments and the current year (2018) provision estimate.

Responsible Witness: Elaine K. Chambers

Question:

26. Refer to page 4 of Ms. Chambers testimony, specifically relating to the inclusion of estimated CIAC into the 2018 calculation of taxable income. Provide a comprehensive explanation justifying the inclusion of "estimated" CIAC into a historic reconciliation calculation, rather than limiting CIAC to known amounts.

Response:

26. The use of the word "estimated" CIAC on page 4 of Ms. Chambers was inadvertent. This capital rider reconciliation docket, Docket No. 19-00031, contains only actual CIAC amounts which have been included as taxable for the capital riders in 2018.

Responsible Witness: Elaine K. Chambers

Question:

- 27. Refer to page 4 of Ms. Chambers testimony, lines 5 and 6 where she indicates that "[t]he Bonus percentages are being applied to annual investments with tax lives less than or equal to 25 years.
 - a. Provide a comprehensive explanation supporting why Bonus is not applied to properties with a 39-year tax life for the period 2014 2017.
 - b. Provide the portions of American Water Company's federal tax return for 2017 which provide evidence that the Company did not take Bonus Depreciation associated with TAWC assets with 39-year lives.

Response:

a. Internal Revenue Code 168(k)(2)(A) defines what property qualifies for bonus depreciation and is provided below:

168(k)(2)(A)IN GENERAL.—The term "qualified property" means property—

168(k)(2)(A)(i)

168(k)(2)(A)(i)(I) - to which this section applies which has a recovery period of 20 years or less,

168(k)(2)(A)(i)(II) - which is computer software (as defined in section 167(f)(1)(B)) for which a deduction is allowable under section 167(a) without regard to this subsection,

168(k)(2)(A)(i)(III) - which is water utility property, or

168(k)(2)(A)(IV) - which is a qualified film or television production (as defined in subsection (d) of section 181) for which a deduction would have been allowable under section 181 without regard to subsections (a)(2) and (g) of such section or this subsection, or

168(k)(2)(A)(V) - which is a qualified live theatrical production (as defined in subsection (e) of section 181) for which a deduction would have been allowable under section 181 without regard to subsections (a)(2) and (g) of such section or this subsection,

168(k)(2)(A)(ii) - the original use of which begins with the taxpayer or the acquisition of which by the taxpayer meets the requirements of clause (ii) of subparagraph (E), and

168(k)(2)(A)(iii) - which is placed in service by the taxpayer before January 1, 2027.

Because property with a recovery period greater than 20 years does not qualify for bonus depreciation, structures/buildings with a 39-year life does not qualify.

b. The Company did not take bonus depreciation on 39 year life property because the Internal Revenue Code does not allow it. The tax return does not have a schedule that shows bonus depreciation by property type or life. It is one lump number on Form 4562, line 14.

Responsible Witness: Elaine K. Chambers

Question:

28. Refer to the Capital Riders Reconciliation file, specifically the tab identified as WKP 2018 Tax Depreciation Balances. Excel row 142 titled Structures and Improvements - General contains a net addition in 2015 of \$7.7 million, while the 2017 balance includes a credit of nearly \$6.3 million. Provide an overview of the reasons for the volatility in these balances in 2015 and 2017.

Response:

28. Project I26-020032 - Wastewater Treatm't & Handling Impr is shown on excel rows 139 through 145 on the tab identified as "WKP 2018 Tax Depr Balances". These rows contain all utility accounts that the construction costs were distributed to for this project. Project I26-020032 was placed in-serviced in November of 2015. When this project was placed in-service in 2015, the costs were transferred to utility plant in service – completed construction not classified, USOA Account 106, using an estimated as-built. The estimated as-builts contained high-level estimates for cost distribution to utility accounts. Project I26-020032 was later completed in November 2016. At that time, a final as-built containing updated project cost distributions was created and reviewed based on final project expenditures. Once completed and approved, the project costs were unitized into utility plant in service, USOA Account 101. The unitization of the assets redistributed the costs between utility accounts based on the final approved as-built.

Responsible Witness: Elaine K. Chambers

Question:

29. Confirm that Costs of Removal have historically been estimated and included as a component of depreciation rates, which have then been included in revenue requirements recovered from ratepayers. If this is confirmed, provide the theoretical support for including such cost of removal charges as a component of the Capital Riders Rate Base. If this is not confirmed, provide documentation supporting the development of approved depreciation rates, which document that accrued removal costs are not a component of the depreciation rate for Mains.

Response:

29. Yes. The depreciation rates authorized in Docket No. 08-00039 contain net salvage amounts of which cost of removal is a component. The depreciation rates recover cost of removal through depreciation expense offsetting the expense with a reduction to rate base. In general terms, the company's depreciation rates, for some asset classes, are designed to recover the original cost of the asset minus salvage as well as future costs to remove the asset from service. This could result in negative rate base for the company until the cost to remove the asset is incurred by the company. The cost of removal charges included as part of the Capital Rider's Rate Base are the cash expenditures incurred during the eligible replacement projects in which the cost of removal portion of the depreciation reserve is being originally accrued for.

country of <u>Fayette</u>)

BEFORE ME, the undersigned, duly commissioned and qualified in and for the State and County aforesaid, personally came and appeared Elaine Chambers, being by me first duly sworn deposed and said that:

She is appearing as a witness on behalf of Tennessee-American Water Company before the Tennessee Public Utility Commission, and duly sworn, verifies that the data requests and discovery responses are accurate to the best of her knowledge.

Elaine Chambers

Sworn to and subscribed before me this 16 day of August, 2019.

Notary Public

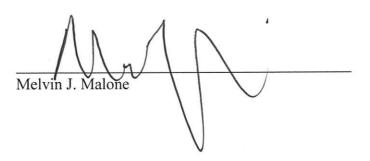
My Commission expires: 7/25/2020

CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of the foregoing was served via U.S. Mail or electronic mail upon:

Daniel P. Whitaker III
Karen H. Stachowski
Assistant Attorney General
Office of the Tennessee Attorney General
Consumer Advocate Unit, Financial Division
P.O. Box 20207
Nashville, TN 37202-0207
Daniel.Whitaker@ag.tn.gov
Karen.Stachowski@ag.tn.gov

This the 16th day of August, 2019.



Tennessee-Amercian Water 19-00031 CPADDR1_NUM004_081619

Repair Percentage per filing

		Repairs By Year								
	2014		2015		2016		2017		2018	_
	Repairs %		Repairs %	,	Repairs %		Repairs %		Repairs %	_
T&D	22.93%	a	17.71%	b	35.94%	С	51.98%	d	49.99%	е
Non T&D	22.93%	а	17.71%	b	35.94%	С	22.03%	f	22.03%	f

- a 2014 percentage of repairs deduction on the tax return over total property
- **b** 2015 percentage of repairs deduction on the tax return over total property
- c 2016 percentage of repairs deduction on the tax return over total property
- d The percentage of repairs over replacement property (T&D) for 2017 only
- e Estimated rate based on 10 year average of repairs over replacement property (T&D)
- f Estimated rate based on 4 year average of repairs over replacement property (Non T&D)

Repair Deduction Property in Service Percentage of Repairs

	2014	2015	2016
I	3,545,498	5,108,100	6,375,298
I	15,461,501	28,850,571	17,738,934
I	22.93%	17.71%	35.94%
•	а	b	С

Repair Deduction Replacement Property Percentage of Repairs

2017	2018	2017/2018		
4,829,695	2,066,617	1,973,266		
9,291,948	4,133,968	8,957,771		
51.98%	49.99%	22.03%		
d	е	f		

TENNESSEE AMERICAN WATER CHATTANOOGA

Project E-1

ENERGY REDUCTION AND EFFICIENCY

Design and Permitting: 12 months

Construction: 12 months Project Cost: \$870,000

Need for Project:

An energy study conducted in parallel with this CPS ("Nov, 2015) identified several opportunities for projects that would decrease the overall energy use, energy costs and Greenhouse Gas ("GHG") emissions at the Citico facility and at one location in the distribution system. These projects are in addition to the recommended Priority A and Priority B projects and include:

- Select Motor and Pump Upgrades,
- · Instrumentation and Monitoring,
- Solar Panels,
- Convert GSA3 tariff to TDGSA3 tariff.

The recommended projects will provide the following benefits to TNAW:

Potential Energy and Demand Savings

- 1,000,000 kWh annual reduction in energy
- \$250,000 annual reduction in energy and demand costs,
- 1,337,150 ton annual reduction in GHG emissions.

Background:

In conjunction with this CPS, and issued under a separate cover, TNAW authorized an energy study for the Chattanooga system. The study included the following components:

Energy Study Components

- Review of one year of energy bills,
- Tariff Analysis,
- Energy and demand cost trending,
- Peak Load Data Analysis,
- Load Factor Analysis,
- Motors, VFDs and Pumps

- SCADA Monitoring and Controls,
- Alternate Energy Evaluation
- Greenhouse Gas Emissions,
- Project Financing
- Recommendations

Several recommendations were made as part of the energy evaluation, ranging from operational recommendations to capital projects. The proposed projects are included as part of the CPS in order to capture potential capital expenditures for TNAW's budgeting. Three categories of capital projects were identified:

Select Motor and Pump Upgrades – A total of 31 pump and motor combinations exceeding 100 hp exist in TNAW's system, including distribution pumps. Of these pump and motor combinations, 8 of them have had wire to water testing with the past 6 years, providing an accurate and recent representation of wire to water efficiency. Utilizing this information, in combination with installation date and conversations with production personnel, four motor replacements have been identified. Rather than pump/motor combinations, motor replacements were identified because the difference in efficiencies between the current motor and a new NEMA high efficiency motor are known. The replacement cost is also more easily estimated than a combination motor/pump replacement. There is also less information available on the pumps and when/if they may have been rehabilitated. Two of the motor replacements are recommended for replacement solely for a gain in energy efficiency (the 500 hp motor driving Citico LS 12 and the 600 hp motor driving Citico HS 21). The remaining motor replacement (Lookout 4) has been identified as critical to the operations and is close to failing. A fourth motor (Citico HS 11) was identified has already been replaced earlier this year.

Replacing motors and/or pumps at the Citico station is partially dependent upon the timing of upgrading from the current 2,300V configuration to 480V, and assumes TNAW has opted to hold off on the larger switchgear and transformer upgrades. The motors that have been identified for replacement are standard efficiency motors. For the larger motors in TNAW's system, an efficiency Increase of 4.5% is feasible with an upgrade to a NEMA premium efficiency motor.

In addition to the motor upgrades, one of the pumps in the Citico plant (Citico HS 16) is operating at an inefficient point on its original pump curve. After discussion with TNAW operations, and a review of system head data and the original pump curve, it appears that smaller impellers would yield a 6% increase in efficiency. An impeller trim has been recommended for Citico HS 16.

The motors and pump that have been identified as candidates for replacement are shown below in **Table 1**, along with a short list of other motors with early installation dates that were screened. The short list was developed based on a combination of motor age wire to water testing results. Based on the replacement suggestions, approximately 1,000 MWH would be saved, and, roughly \$80,000.

Note that the analysis utilizes current run times for the pumps. Should TNAW choose to utilize a pump more often, the analysis would change. As an example, if each of the motors below were run for 75% of the time, all of the financial metrics turn positive, except for Lookout 4.

	Table 1 Motor Replacement and Impeller Trim Energy and Cost Savings												
Facility	Pump ID	Install Date	HP	Run Time	Annual GHG Saved (tCO2)+	Cost	Annual kWh Saved	Annual Energy Costs Saved	Simple Payback	NPV ⁽¹⁾	BCR ⁽²⁾	IRR ⁽³⁾	Replacement Candidate?
Citico	LS 12	1996	500	88%	78	\$73,954	129,058	\$14,196	5	\$84,293	2.14	16.52%	Yes
Citico	LS 14	1950	600	38%	41	\$90,264	66,959	\$7,365	12	-\$8,162	0.91	5.34%	No
Citico	HS 11	2015	900	100%	160	\$130,000	264,236	\$29,066	4	\$193,996	2.49	22.21%	Yes*
Citico	HS 19	1951	400	34%	24	\$92,949	40,113	\$4,412	21	-\$43,764	0.53	1.36%	No
Citico	HS 20	1980	250	30%	13	\$64,457	22,026	\$2,423	27	-\$37,450	0.42	0.00%	No
Lookout	4	N/A	250	5%	2	\$35,993	3,671	\$220	163	-\$33,538	0.07	0.00%	Yes**
Lookout	6	N/A	450	20%	16	\$94,306	26,538	\$1,592	59	-\$76,557	0.19	0.00%	No
Citico	HS 17	1951	600	8%	8	\$105,717	13,432	\$1,477	72	-\$89,247	0.16	0.00%	No
Citico	HS 21	1953	600	61%	65	\$96,311	107,487	\$11,824	8	\$35,485	1.37	11.46%	Yes
Citico	HS 16	2014	600	6%	7	\$2,920	11,197	\$1,232	2	\$10,810	4.70	54.82%	Yes***
	Re	placeme	ent Can	Total: ididates:		\$879,838 \$339,179	724,657 515,649	\$78,202 \$56,538					

*Motor Replaced earlier this year.

+Metric Ton

(3) IRR - Internal Rate of Return exceeding the discount rate of 7.5% indicates a beneficial project.

Instrumentation and Monitoring – Power meters are designed to capture demand peaks, energy use and a variety of other electrical metrics. This, in conjunction with pressure and flow monitoring, allows for real time efficiency monitoring, Instrumentation and monitoring provides value in terms of which pumps (or groups of pumps) to use to optimize energy use, as well as real time wire to water monitoring. Industry data indicates that 10 to 15% energy efficiency can be gained by optimizing equipment use through real time monitoring. A conservative estimate of 2% would yield 320,000 annual kWh saved for a total estimated cost of \$30,000 at the Citico Station. The cost estimate is based on American Water experience at other systems. An example of the output and display from a PAW system is shown below in **Exhibit 1**.

^{**}Reliability concern.

^{***}Impeller Trim

⁽¹⁾ NPV - The diference in Net Present Values of the "do nothing" (current operations) and replacement. An NPV >0 indicates a beneficial project.

⁽²⁾ BCR - Benefit Cost Ratio >1 indicates a beneficial project.

Exhibit 1 – Pump Efficiency Dashboard Example Shire Oaks Wire to Water Pump Total **Pump Information** Current **Totals For All Pumps** Phase A 228.00 Pump 1 VFD % Speed <mark>97</mark> Phase B 223.00 231.00 Flow mgd Pump 3 VFD % Speed 97 36.55 Phase C Pressure 118.47 psi TDH 244.4 ft Pump 2 Run Run Voltage Pump 3 Run Run Gal/KWH 938 4336 4339 Phase AB Pump 4 Run Stopped 2176 Phase BC Wire HP Phase CA Stopped Pump 5 Run Brake HP 1960 Pump 1 Run Time 5149 Power Information Water HP 1567 Pump 2 Run Time 3636 Wire / Water Eff 71.932 Power Factor 0.980 Pump 3 Run Time 5641 Pump Eff 79.485 Real Power 1623 Pump 4 Run Time 3523 Current (Average)227 4294 Pump 5 Run Time Voltage (Average) 4340 Shire Oaks - Gal / KWH Shire Oaks - W2W 1400 1800

Solar Panels – Solar panel costs have come down substantially over the past ten years, and especially in the past five years. The decrease in cost increases the financial feasibility of solar installation, even in States such as Tennessee, where the price of electricity is low. The demolition of Filter Building No. 3 and Basin No. 1 provide potential sites for solar panels. There would be scaled cost savings if the panels were installed in conjunction with the demolition of these facilities. Assuming these sites were utilized for a solar array, approximately 18,000 square feet of area would be available for roughly 200,000 useable kWh/year.

Assuming \$0.11/kWh (including demand cost savings for an "all-in" cost), this equates to

\$22,000/year in saved electrical costs.

Solar panels currently qualify for a 30% Investment Tax Credit. Assuming this credit would be applied, the net system cost of the project for TNAW is estimated to be \$400,000, with a total payback between 6 and 7 years. Simple payback for the solar panels, with SREC payments and the 30% Tax Credit, is approximately 6 years using the assumptions outlined below.

Exhibit 2
Proposed Solar Pane Locations

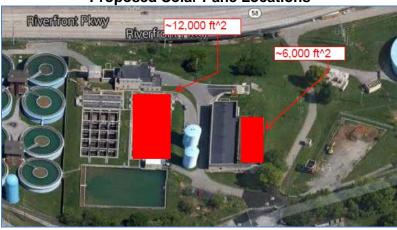


	Table 2													
	Solar Panel Cost Analysis													
										TNAW				
				Recom		Annual Est	Annual	Estimated		Costs	Est Net			
Area	2013 Annual	ac	Site	System	kWh of	Energy	Est SREC	System	Federal	(AFUDC	System	25 year avg		Simple
Used	Useage	Demand*	Elect	Sized	Recom	Savings	Pmts*	Cost/KW	Tax Credit	etc)	Cost	Depreciation	O&M	Payback
sq ft	kWh	KW	(\$/kW)	KW	kWh	\$	\$0.11	\$2,500	30%	20%	\$			(yrs)
18000	201,705	150	0.11	150	201,705	\$22,188		\$375,000	\$0	\$75,000	\$450,000	\$15,000	\$1,000	12.4
18000	201,705	150	0.11	150	201,705	\$22,188		\$375,000	\$112,500	\$75,000	\$337,500	\$15,000	\$1,000	9.3
18000	201,705	150	0.11	150	201,705	\$22,188	\$22,188	\$375,000	\$0	\$75,000	\$450,000	\$15,000	\$1,000	7.7
18000	201,705	150	0.11	150	201,705	\$22,188	\$22,188	\$375,000	\$112,500	\$75,000	\$337,500	\$15,000	\$1,000	5.8

<u>Convert GSA3 Tariff to the TDGSA3 Tariff</u> – The Citico WTP and the Walden S Ridge Interconnect are the only facilities that are currently on the GSA3 tariff, shown below in **Table 3**.

Table 3
Current Tariff Summary

Tariff (1)	KW range	Monthly Demand Charge	Monthly Energy Use Charge			
GSA2 (Commercial)	50 kW – 1000 kW	First 50 kW = No Charge Over 50 kW = \$14.99/kW	First 15,000 kWh = \$0.08583/kWh Over 15,000 kWH = \$0.03563/kWh			
GSA3 (Commercial/ Manufacturing) (2)	1000 kW – 5000 kW	First 1,000 kW = \$14.86/kW Over 1,001 kW = \$17.15/kW	\$0.03563/kWh Over 15,000 kWH = \$0.03563/kWh			

Calculations indicate that TNAW could save up to \$150,000/year if they converted to TDGSA3,

which is a Time Differentiated Hours of Demand structure. The analysis is based on 2014 operating conditions and assumes the same operating conditions going forward.

The primary difference between the current GSA-3 tariff and the proposed TDGSA tariff is that the latter is based on a Time of Day ("TOD") use for the demand (kW) charge. The kW charge (\$/kW) varies between peak and off peak periods, and, in both cases is still less than the current kW charge of GSA3. The unit demand charge also varies seasonally.

The energy charge (\$/kwH) varies depending on TOD use and also varies in declining blocks, with the first 200 hours of use being more expensive than the second, which is more expensive than the third etc, up to four blocks. While the unit charge for the first 200 hours is higher than the current rate, the remaining 200-hour blocks decrease significantly.

The decrease in the energy rate, combined with the lower demand charge, is where the savings is incurred (based on current operations). Technically, if the plant is run for less hours (all else being equal based on the base year of 2015), the savings will be less. However, in practice, and based on a review of projected CPS demands, this is expected to be insignificant.

Note that this recommendation does not reduce energy consumption or peak demand, but is crafted more toward the current Citico operations, yielding an overall financial savings.

Recommended Solution:

It is recommended that TNAW consider the energy-related projects identified above. Understanding there are competing facility needs, TNAW will benefit from assessing the cost/benefit of an energy efficiency program with other projects that are core to operations.

Output and Benefits:

The projects identified above will provide energy savings and improve overall operating efficiency, while at the same time, decreasing greenhouse gases.

Options:

Considering one of the projects above, or a combination of several smaller projects will also yield energy savings.

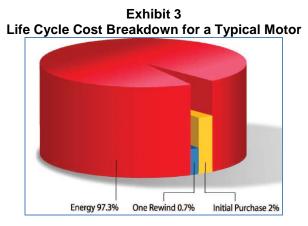
Budget Discussion:

Energy related projects provide the benefit of decreasing overall electrical costs and subsequently improving operational efficiency. The current regulatory climate is conducive to

providing financial incentives, providing an opportunity to make these projects more economically feasible.

The solar project cost estimate utilizes a 30% Federal Investment Tax Credit and a Tennessee Valley Authority ("TVA") Solar Renewable Energy Certificate ("SREC") program which provides \$0.11/kWh. This, in conjunction with continually decreasing solar panel costs, has made an investment in solar panels more feasible from a simple payback perspective. Using the assumptions outlined above, the Simple Payback Period is estimated to be between 5 and 6 years. The estimate assumes an install cost of \$3,000/kW, which should be confirmed prior to considering the project.

The motor replacement project utilizes several metrics to evaluate the cost effectiveness of a replacement project, and assumes the projects would conform to EPB's "custom" grant, which qualifies for \$0.11/kWH saved (this was discussed with the EPB). Up to 97% of the total life cycle cost of a motor is from electrical costs, as illustrated below in **Exhibit 3**. Simple payback does not capture the entire life of the motor, so Net Present Value ("NPV"), Benefit Cost Ratio ("BCR") and Internal Rate of Return ("IRR") are other metrics that can be used that capture the life span of a motor. It is ultimately up to TNAW to determine which metric provides the best business value to their operation. A positive value for either NPV or BCR represents a viable project, assuming a 7.5% discount rate, current run times and a 25 year motor life.



Risks:

The solar project is highly dependent upon the SREC program and the 30% federal ITC, which is expected to expire on December 31, 2016. Construction would need to be completed by that

time. This deadline has been extended several times in the past and may also be extended beyond 2016, however this is not certain.

The motor and pump program uses project cost assumptions that may change due to issues that come up during installation. Project costs hinged on a similar project that TNAW undertook earlier this year, where a 900 hp motor was replaced for a total cost (labor plus materials) of \$130,000. The cost included a new motor, new conduit and new motor frame.

Purpose Codes and Drivers:

Asset Code	Purpose Code					

Tennessee-American Water Company Response to TAW_R_CADDR1_011, Part D 2018 Annual Revenue Balances by General Ledger Account

G/L Account	NARUC	G/L Account Description	Dec 2018
40111000	B4611	40111000 Residential Sales Billed	(20,326,037.18)
40111100	B4611	40111100 Residential Sales Billed Surcharge	(6.77)
40111200	B4611	40111200 Residential Sales Billed DSIC	(3,197,411.09)
40112000	B4611	40112000 Residential Sales Unbilled	(128,661.62)
		Total: Water revenues - residential	(23,652,116.66)
40121000	B4612	40121000 Commercial Sales Billed	(15,221,308.69)
40121100	B4612	40121100 Commercial Sales Billed Surcharge	(366.05)
40121200	B4612	40121200 Commercial Sales Billed DSIC	(2,392,879.17)
40122000	B4612	40122000 Commercial Sales Unbilled	(33,137.33)
		Total: Water revenues - commercial	(17,647,691.24)
40131000	B4613	40131000 Industrial Sales Billed	(3,844,453.04)
40131200	B4613	40131200 Industrial Sales Billed DSIC	(601,619.89)
40132000	B4613	40132000 Industiral Sales Unbilled	16,757.03
		Total: Water revenues - industrial	(4,429,315.90)
40145000	B4622	40145000 Private Fire Billed	(2,436,611.35)
40145200	B4622	40145200 Private Fire Billed DSIC	(341,843.89)
40146000	B4622	40146000 Private Fire Unbilled	5,585.58
		Total: Water revenues - private fire	(2,772,869.66)
40151000	B4614	40151000 Public Authority Billed	(3,209,385.27)
40151200	B4614	40151200 Public Authority Billed DSIC	(506,128.34)
40152000	B4614	40152000 Public Authority Unbilled	8,969.99
		Total: Water revenues - public authority	(3,706,543.62)
40161000	B466	40161000 Sales for Resale Billed	(1,096,303.49)
40161200	B466	40161200 Sales for Resale Billed DSIC	(173,105.03)
40162000	B466	40162000 Sales for Resale Unbilled	(13,838.75)
		Total: Water revenues - sales for resale	(1,283,247.27)
40171000	B474	40171000 Misc Sales Billed	(12,245.43)
40171100	B474	40171100 Misc Sales Billed Surcharge	(149.03)
40172000	B474	40172000 Misc Sales Unbilled	0.00
40180100	B471	40180100 Other Water Revenue - Temp Service	0.00
40189900	B474	40189900 Other Water Revenue	1,907,225.87
		Total: Water revenues - other	1,894,831.41
		Total: Water revenues	(51,596,952.94)
40310100	B470	40310100 Other Revenue - Late Payment Charge	(440,332.34)
40310200	B472	40310200 Other Revenue - Rent	(189,948.19)
40310400	B471	40310400 Other Revenue - NSF Check Charge	(31,960.00)
40310500	B471	40310500 Other Revenue - Application/Initiation Fee	(258,884.07)
40310600	B471	40310600 Other Revenue - Usage Data	(17,040.98)
40310700	B471	40310700 Other Revenue - Reconnection Fee	(230,476.00)
40319900	B471	40319900 Other Revenue - Misc Service	(1,913.04)
		Total: Other revenues	(1,170,554.62)
		Total: Operating revenues	(52,767,507.56)

Tennessee-American Water Company Response to TAW_R_CADDR1_015 Cost Summary Related to Work Order I26-050002-01

Work Order	G/L Account	G/L Account Name	Utility Account	Utility Account Name	Amount
126-050002-01	10130440	UPIS Struct & Imp - T&D	304400	Struct & Imp-T&D	\$25,259.57
	10132010	UPIS - Water Treatment Equipment - Non-Media	320100	WT Equip Non-Media	171,113.96
	10134600	UPIS - Communication Equipment	346190	Remote Control & Instrument	13,480.69
	10630440	CCNC Struct & Imp - T&D	304400	Struct & Imp-T&D	16,881.63
	10632010	CCNC - Water Treatment Equipment - Non-Media	320100	WT Equip Non-Media	50,549.22
	10634600	CCNC - Communication Equipment	346190	Remote Control & Instrument	(277,285.07)
	25700000	Reg Liab - Cost of Removal			0.00
					\$0.00
Work Order		General Cost Type	General Cost Description		Amount
126-050002-01		Labor	Labor & Related Costs		\$0.00
		Inventory	Materials Issued from Inventory		0.00
		Invoices	Contracted Services & Non-Inventory	Materials	0.00
		AFUDC	Allowance for Funds Used During Cor	nstruction	0.00
		Capital Accrual	Cost Accuals Related to Construction		0.00
		Overhead	Indirect Overhead		0.00
					\$0.00

From recon file "TAW_2018_Capital_Rider_Recon_Revised 5_16_19.xlsx" and tab "WKP_2018_Actuals". Source: Powerplant

														Comments on
Туре	Period	WBS	Description	In-Service Date	Profit o	center Proje	ject #	Utility account	UA Naruc	Amount	Eligibility	Portion %	Adjusted Amount	Adjustments
ADDITION	8	126-050002-01	Facility Upgrades at Whitwell WTP	12,	/29/2017 2605	126-0	-050002	320100	WT Equip Non-Media	76,063.16	SEC	100%	76,063.16	
ADDITION	8	126-050002-01	Facility Upgrades at Whitwell WTP	12,	/29/2017 2605	126-0	-050002	320100	WT Equip Non-Media	10,117.50	SEC	100%	10,117.50	
ADDITION	8	126-050002-01	Facility Upgrades at Whitwell WTP	12,	/29/2017 2605	126-0	-050002	346190	Remote Control & Instrument	13,480.69	SEC	100%	13,480.69	
ADDITION	8	126-050002-01	Facility Upgrades at Whitwell WTP	12,	/29/2017 2605	126-0	-050002	320100	WT Equip Non-Media	74,789.25	SEC	100%	74,789.25	
ADDITION	8	126-050002-01	Facility Upgrades at Whitwell WTP	12,	/29/2017 2605	126-0	-050002	304400	Struct & Imp-T&D	25,259.57	SEC	100%	25,259.57	
ADDITION	8	126-050002-01	Facility Upgrades at Whitwell WTP	12,	/29/2017 2605	126-0	-050002	320100	WT Equip Non-Media	10,144.05	SEC	100%	10,144.05	
ADDITION	8	126-050002-01	Facility Upgrades at Whitwell WTP	12,	/29/2017 2605	126-0	-050002	346190	Remote Control & Instrument	(277,285.07)	SEC	100%	(277,285.07)	
ADDITION	8	126-050002-01	Facility Upgrades at Whitwell WTP	12,	/29/2017 2605	126-0	-050002	320100	WT Equip Non-Media	50,549.22	SEC	100%	50,549.22	
ADDITION	8	126-050002-01	Facility Upgrades at Whitwell WTP	12,	/29/2017 2605	126-0	-050002	304400	Struct & Imp-T&D	16,881.63	SEC	100%	16,881.63	
ADDITION	8	126-050002-01	Facility Upgrades at Whitwell WTP	12,	/29/2017 2605	126-0	-050002	346190	Remote Control & Instrument	0.00	SEC	100%	0.00	
ADDITION	8	126-050002-01	Facility Upgrades at Whitwell WTP	12,	/29/2017 2605	126-0	-050002	304300	Struct & Imp-Treatment	0.00	SEC	100%	0.00	
ADDITION	8	126-050002-01	Facility Upgrades at Whitwell WTP	12,	/29/2017 2605	126-0	-050002	304200	Struct & Imp-Pumping	0.00	SEC	100%	0.00	
ADDITION	8	126-050002-01	Facility Upgrades at Whitwell WTP	12,	/29/2017 2605	126-0	-050002	304200	Struct & Imp-Pumping	0.00	SEC	100%	0.00	
ADDITION	8	126-050002-01	Facility Upgrades at Whitwell WTP	12,	/29/2017 2605	126-0	-050002	304200	Struct & Imp-Pumping	0.00	SEC	100%	0.00	
											•			
										(\$0.00)			(\$0.00)	

Work Order	G/L Account	G/L Account Name	1006084661	Utility Account Name	Amount
R26-02B1.18-P-0002	10630440	CCNC - TD Mains Not Classified	331001	TD Mains Not Classified	\$99,355.33
	10632010	CCNC - Services	333000	TD Mains Not Classified	8,203.69
	10634600	CCNC - Hydrants	335000	Hydrants	2,734.53
	25710000	Reg Liab - Cost of Removal RWIP			1,366.14
			1006261276		
					\$111,659.69

work Order	General Cost Type	General Cost Description	Amount
R26-02B1.18-P-0002	Labor	Labor & Related Costs	\$192.24
	Inventory	Materials Issued from Inventory	10,909.44
	Invoices	Contracted Services & Non-Inventory Materials	90,984.16
	AFUDC	Allowance for Funds Used During Construction	90.09
	Capital Accrual	Cost Accuals Related to Construction	0.00
	Overhead	Indirect Overhead	9,483.76
			\$111 659 69

From recon file "TAW_2018_Capital_Rider_Recon_Revised 5_16_19.xlsx" and tab "WKP_2018_Actuals". Source: Powerplant

														Comments on
Туре	Period	WBS	Description	In-Service Date	Profit o	center	Project #	Utility account	UA Naruc	Amount	Eligibility	Portion %	Adjusted Amount	Adjustments
ADDITION		8 R26-02B1.18-P-0002	Hanover 1300 blk	3/28	2018 2602		В	331001	TD Mains Not Classified	(25.11)	QIIP	100%	(25.11)	
ADDITION		8 R26-02B1.18-P-0002	Hanover 1300 blk	3/28	2018 2602	1	В	333000	Services	(2.07)	QIIP	100%	(2.07)	
ADDITION		8 R26-02B1.18-P-0002	Hanover 1300 blk	3/28	2018 2602	1	В	333000	Services	(0.20)	QIIP	100%	(0.20)	
ADDITION		8 R26-02B1.18-P-0002	Hanover 1300 blk	3/28	2018 2602	1	В	335000	Hydrants	(0.69)	QIIP	100%	(0.69)	
ADDITION		8 R26-02B1.18-P-0002	Hanover 1300 blk	3/28	2018 2602	1	В	331001	TD Mains Not Classified	(2.33)	QIIP	100%	(2.33)	
ADDITION		3 R26-02B1.18-P-0002	Hanover 1300 blk	3/28	2018 2602	1	В	335000	Hydrants	465.92	QIIP	100%	465.92	
ADDITION		3 R26-02B1.18-P-0002	Hanover 1300 blk	3/28	2018 2602	1	В	331001	TD Mains Not Classified	16,928.92	QIIP	100%	16,928.92	
ADDITION		3 R26-02B1.18-P-0002	Hanover 1300 blk	3/28	2018 2602	1	В	333000	Services	1,397.83	QIIP	100%	1,397.83	
ADDITION		3 R26-02B1.18-P-0002	Hanover 1300 blk	3/28	2018 2602	1	В	335000	Hydrants	1,644.71	QIIP	100%	1,644.71	
ADDITION		3 R26-02B1.18-P-0002	Hanover 1300 blk	3/28	2018 2602	1	В	333000	Services	4,934.13	QIIP	100%	4,934.13	
ADDITION		6 R26-02B1.18-P-0002	Hanover 1300 blk	3/28	2018 2602	1	В	331001	TD Mains Not Classified	1,867.50	QIIP	100%	1,867.50	
ADDITION		3 R26-02B1.18-P-0002	Hanover 1300 blk	3/28	2018 2602	1	В	335000	Hydrants	12.13	QIIP	100%	12.13	
ADDITION		3 R26-02B1.18-P-0002	Hanover 1300 blk	3/28	2018 2602	1	В	331001	TD Mains Not Classified	440.80	QIIP	100%	440.80	
ADDITION		8 R26-02B1.18-P-0002	Hanover 1300 blk	3/28	2018 2602	1	В	335000	Hydrants	(0.06)	QIIP	100%	(0.06)	
ADDITION		3 R26-02B1.18-P-0002	Hanover 1300 blk	3/28	2018 2602	1	В	333000	Services	36.40	QIIP	100%	36.40	
ADDITION		4 R26-02B1.18-P-0002	Hanover 1300 blk	3/28	2018 2602	1	В	331001	TD Mains Not Classified	245.39	QIIP	100%	245.39	
ADDITION		4 R26-02B1.18-P-0002	Hanover 1300 blk	3/28	2018 2602	1	В	335000	Hydrants	6.75	QIIP	100%	6.75	
ADDITION		4 R26-02B1.18-P-0002	Hanover 1300 blk	3/28	2018 2602	1	В	333000	Services	20.27	QIIP	100%	20.27	
ADDITION		4 R26-02B1.18-P-0002	Hanover 1300 blk	3/28	2018 2602	1	В	335000	Hydrants	(1,572.01)	QIIP	100%	(1,572.01)	
ADDITION		4 R26-02B1.18-P-0002	Hanover 1300 blk	3/28	2018 2602	1	В	331001	TD Mains Not Classified	(57,116.27)	QIIP	100%	(57,116.27)	
ADDITION		4 R26-02B1.18-P-0002	Hanover 1300 blk	3/28	2018 2602	1	В	333000	Services	(4,716.03)	QIIP	100%	(4,716.03)	
ADDITION		4 R26-02B1.18-P-0002	Hanover 1300 blk	3/28	2018 2602	1	В	335000	Hydrants	2,083.49	QIIP	100%	2,083.49	
ADDITION		4 R26-02B1.18-P-0002	Hanover 1300 blk	3/28	2018 2602	1	В	331001	TD Mains Not Classified	75,700.01	QIIP	100%	75,700.01	
ADDITION		4 R26-02B1.18-P-0002	Hanover 1300 blk	3/28	2018 2602	1	В	333000	Services	6,250.46	QIIP	100%	6,250.46	
ADDITION		5 R26-02B1.18-P-0002	Hanover 1300 blk	3/28	2018 2602	1	В	333000	Services	1,521.44	QIIP	100%	1,521.44	
ADDITION		5 R26-02B1.18-P-0002	Hanover 1300 blk	3/28	2018 2602	1	В	331001	TD Mains Not Classified	18,426.25	QIIP	100%	18,426.25	
ADDITION		5 R26-02B1.18-P-0002	Hanover 1300 blk	3/28	2018 2602	1	В	335000	Hydrants	507.14	QIIP	100%	507.14	
ADDITION		5 R26-02B1.18-P-0002	Hanover 1300 blk	3/28	2018 2602	1	В	335000	Hydrants	456.90	QIIP	100%	456.90	
ADDITION		5 R26-02B1.18-P-0002	Hanover 1300 blk	3/28	2018 2602	1	В	331001	TD Mains Not Classified	16,600.65	QIIP	100%	16,600.65	
ADDITION		5 R26-02B1.18-P-0002	Hanover 1300 blk	3/28	2018 2602	1	В	333000	Services	1,370.69	QIIP	100%	1,370.69	
ADDITION		5 R26-02B1.18-P-0002	Hanover 1300 blk	3/28	2018 2602	1	В	335000	Hydrants	164.17	QIIP	100%	164.17	
ADDITION		5 R26-02B1.18-P-0002	Hanover 1300 blk	3/28	2018 2602	1	В	331001	TD Mains Not Classified	5,965.02	QIIP	100%	5,965.02	
ADDITION		5 R26-02B1.18-P-0002	Hanover 1300 blk	3/28	2018 2602	1	В	333000	Services	492.53	QIIP	100%	492.53	
ADDITION		5 R26-02B1.18-P-0002	Hanover 1300 blk	3/28	2018 2602	1	В	335000	Hydrants	(823.41)	QIIP	100%	(823.41)	
ADDITION		5 R26-02B1.18-P-0002	Hanover 1300 blk		2018 2602		В	331001	TD Mains Not Classified	(29,917.26)		100%	(29,917.26)	
ADDITION		5 R26-02B1.18-P-0002	Hanover 1300 blk	-, -,	2018 2602		В	333000	Services	(2,470.23)		100%	(2,470.23)	
ADDITION		3 R26-02B1.18-P-0002	Hanover 1300 blk		2018 2602		В	331001	TD Mains Not Classified	59,757.80	QIIP	100%	59,757.80	
ADDITION		3 R26-02B1.18-P-0002	Hanover 1300 blk	3/28	2018 2602	1	В	335000	Hydrants	1.22	QIIP	100%	1.22	
ADDITION		3 R26-02B1.18-P-0002	Hanover 1300 blk	3/28	2018 2602	1	В	331001	TD Mains Not Classified	44.54	QIIP	100%	44.54	
ADDITION		3 R26-02B1.18-P-0002	Hanover 1300 blk		2018 2602		В	333000	Services	3.68	QIIP	100%	3.68	
ADDITION		6 R26-02B1.18-P-0002	Hanover 1300 blk	3/28	2018 2602	1	В	335000	Hydrants	51.40	QIIP	100%	51.40	

Tennessee-American Water Company Response to TAW_R_CADDR1_016 Cost Summary Related to Work Order R26-02B1.18-P-0002

Work Order	G/L Account	G/L Account Name	1006084661	Utility Account Name	Amount
R26-02B1.18-P-0002	10630440	CCNC - TD Mains Not Classified	331001	TD Mains Not Classified	\$99,355.33
	10632010	CCNC - Services	333000	TD Mains Not Classified	8,203.69
	10634600	CCNC - Hydrants	335000	Hydrants	2,734.53
	25710000	Reg Liab - Cost of Removal RWIP			1,366.14
			1006261276		\$111,659.69

Work Order	General Cost Type	General Cost Description	Amount
R26-02B1.18-P-0002	Labor	Labor & Related Costs	\$192.24
	Inventory	Materials Issued from Inventory	10,909.44
	Invoices	Contracted Services & Non-Inventory Materials	90,984.16
	AFUDC	Allowance for Funds Used During Construction	90.09
	Capital Accrual	Cost Accuals Related to Construction	0.00
	Overhead	Indirect Overhead	9,483.76
			\$111,659.69

From recon file "TAW_2018_Capital_Rider_Recon_Revised 5_16_19.xlsx" and tab "WKP_2018_Actuals". Source: Powerplant

														Comments on
Туре	Period	WBS	Description	In-Service Date		Profit center	Project #	Utility account	UA Naruc	Amount	Eligibility	Portion %	Adjusted Amount	Adjustments
ADDITION		6 R26-02B1.18-P-0002	Hanover 1300 blk		3/28/2018	2602	В	333000	Services	154.20	QIIP	100%	154.20	
ADDITION		6 R26-02B1.18-P-0002	Hanover 1300 blk		3/28/2018	2602	В	335000	Hydrants	(288.08)	QIIP	100%	(288.08)	
ADDITION		6 R26-02B1.18-P-0002	Hanover 1300 blk		3/28/2018	2602	В	331001	TD Mains Not Classified	(10,467.06)	QIIP	100%	(10,467.06)	
ADDITION		6 R26-02B1.18-P-0002	Hanover 1300 blk		3/28/2018	2602	В	333000	Services	(864.26)	QIIP	100%	(864.26)	
ADDITION		6 R26-02B1.18-P-0002	Hanover 1300 blk		3/28/2018	2602	В	335000	Hydrants	15.68	QIIP	100%	15.68	
ADDITION		6 R26-02B1.18-P-0002	Hanover 1300 blk		3/28/2018	2602	В	331001	TD Mains Not Classified	569.81	QIIP	100%	569.81	
ADDITION		6 R26-02B1.18-P-0002	Hanover 1300 blk		3/28/2018	2602	В	333000	Services	47.05	QIIP	100%	47.05	
ADDITION		7 R26-02B1.18-P-0002	Hanover 1300 blk		3/28/2018	2602	В	335000	Hydrants	4.11	QIIP	100%	4.11	
ADDITION		7 R26-02B1.18-P-0002	Hanover 1300 blk		3/28/2018	2602	В	331001	TD Mains Not Classified	149.31	QIIP	100%	149.31	
ADDITION		7 R26-02B1.18-P-0002	Hanover 1300 blk		3/28/2018	2602	В	333000	Services	12.33	QIIP	100%	12.33	
ADDITION		7 R26-02B1.18-P-0002	Hanover 1300 blk		3/28/2018	2602	В	335000	Hydrants	0.00	QIIP	100%	0.00	
ADDITION		7 R26-02B1.18-P-0002	Hanover 1300 blk		3/28/2018	2602	В	331001	TD Mains Not Classified	0.00	QIIP	100%	0.00	
ADDITION		7 R26-02B1.18-P-0002	Hanover 1300 blk		3/28/2018	2602	В	333000	Services	0.00	QIIP	100%	0.00	
ADDITION		7 R26-02B1.18-P-0002	Hanover 1300 blk		3/28/2018	2602	В	335000	Hydrants	5.16	QIIP	100%	5.16	
ADDITION		7 R26-02B1.18-P-0002	Hanover 1300 blk		3/28/2018	2602	В	331001	TD Mains Not Classified	187.36	QIIP	100%	187.36	
ADDITION		7 R26-02B1.18-P-0002	Hanover 1300 blk		3/28/2018	2602	В	333000	Services	15.47	QIIP	100%	15.47	
											•			
										\$110,293.55			\$110,293.55	

Tennessee-American Water Company Response to TAW_R_CADDR1_016 Invoices Related to Work Order R26-02B1.18-P-0002

Source: SAP

ompany Code	Object	Document	Document Number	Cost Element	Cost element descr.	Val/COArea Crcy	Sales/Use Tax	Other Amounts	Actual Invoice			Name of offsetting account
		type									acct no.	
026	R26-02B1.18-P-0002	KR	1005993521	62520800	Misc Maint Permits - Natural Account	615.00			615.00	2/21/2018	201986	CHATTANOOGA CITY OF
026	R26-02B1.18-P-0002	WE	1006084661	53150000	Contract Svc-Other - Natural Account	2,970.00			2,970.00	3/16/2018	23436000	A/P-GRIR CapSvc
26	R26-02B1.18-P-0002	WE	1006084662	62520700	Misc Maint Paving/Backfill	1,743.00			1,743.00	3/16/2018	23436000	A/P-GRIR CapSvc
026	R26-02B1.18-P-0002	WE	1006171960	53110000	Contract Svc-Eng - Natural Account	4,334.80			4,334.80	4/12/2018	23436000	A/P-GRIR CapSvc
026	R26-02B1.18-P-0002	WE	1006217589	53110000	Contract Svc-Eng - Natural Account	5,303.85			5,303.85	5/1/2018	23436000	A/P-GRIR CapSvc
026	R26-02B1.18-P-0002	WE	1006261273	53150000	Contract Svc-Other - Natural Account	11,165.00			11,165.00	5/8/2018	23436000	A/P-GRIR CapSvc
026	R26-02B1.18-P-0002	WE	1006261274	62520700	Misc Maint Paving/Backfill	8,757.00			8,757.00	5/8/2018	23436000	A/P-GRIR CapSvc
026	R26-02B1.18-P-0002	WE	1006261276	62520700	Misc Maint Paving/Backfill	26,227.25			26,227.25	5/8/2018	23436000	A/P-GRIR CapSvc
026	R26-02B1.18-P-0002	WE	1006278310	53150000	Contract Svc-Other - Natural Account	12,291.25			12,291.25	5/14/2018	23436000	A/P-GRIR CapSvc
126	R26-02B1.18-P-0002	WE	1006278311	62520700	Misc Maint Paving/Backfill	8,295.00			8,295.00	5/14/2018	23436000	A/P-GRIR CapSvc
126	R26-02B1.18-P-0002	WE	1006278312	52000000	M & S (O&M) - Natural Account	122.16			122.16	5/14/2018	23436000	A/P-GRIR CapSvc
026	R26-02B1.18-P-0002	WE	1006356206	62520700	Misc Maint Paving/Backfill	6,893.25			6,893.25	6/8/2018	23436000	A/P-GRIR CapSvc
126	R26-02B1.18-P-0002	WE	1006410944	53110000	Contract Svc-Eng - Natural Account	2,098.80			2,098.80	7/2/2018	23436000	A/P-GRIR CapSvc
026	R26-02B1.18-P-0002	WE	1006470412	53110000	Contract Svc-Eng - Natural Account	167.80			167.80	7/16/2018	23436000	A/P-GRIR CapSvc
							_					
						\$90,984.16	_		\$90,984.16			

Tennessee-American Water Company Response to TAW_R_CADDR1_016 Invoices Related to Work Order R26-02B1.18-P-0002

Period	Fiscal Year	Document Header Text	Name	Purchasing Document	Item	Purchase order text
2	2018			l e e e e e e e e e e e e e e e e e e e	0	
3	2018	Inv# 15361 2/28/18	Inv# 15361 2/28/18	5000097612	10	Hanover Main Install
3	2018	Inv# 15361 2/28/18	Inv# 15361 2/28/18	5000097612	20	Hanover Paving/Restoration
4	2018	Inv# 18022669 3/14/18	Inv# 18022669 3/14/18	5000097615	10	Hanover Inspections
5	2018	Inv# 18032666 4/12/18	Inv# 18032666 4/12/18	5000097615	10	Hanover Inspections
5	2018	Inv# 15372 3/15/18	Inv# 15372 3/15/18	5000097612	10	Hanover Main Install
5	2018	Inv# 15372 3/15/18	Inv# 15372 3/15/18	5000097612	20	Hanover Paving/Restoration
5	2018	Inv# 15399 4/15/18	Inv# 15399 4/15/18	5000097612	20	Hanover Paving/Restoration
5	2018	Inv# 15384 3/31/18	Inv# 15384 3/31/18	5000097612	10	Hanover Main Install
5	2018	Inv# 15384 3/31/18	Inv# 15384 3/31/18	5000097612	20	Hanover Paving/Restoration
5	2018	Inv# 15384 3/31/18	Inv# 15384 3/31/18	5000097612	40	Material by Contractor
6	2018	Inv# 15410 4/30/18	Inv# 15410 4/30/18	5000097612	20	Hanover Paving/Restoration
7	2018	Inv# 18042664 5/9/18	Inv# 18042664 5/9/18	5000097615	10	Hanover Inspections
7	2018	Inv# 18052665 6/14/18	Inv# 18052665 6/14/18	5000097615	10	Hanover Inspections

INVOICE (18-CAP-00011)

VENDER #201986

CITY OF CHATTANOOGA

LAND DEVELOPMENT OFFICE
DEVELOPMENT RESOURCE CENTER
1250 MARKET STREET, SUITE 1000
CHATTANOOGA, TN 37402

DATE: JANUARY 31, 2018

TENNESSEE AMERICAN WATER SHARED SERVICES C/O ACCOUNTS PAYABLE P.O. BOX 5608 CHERRY HILL, NJ 08034

RE: Cynthia.steed@amwater.com

ATTENTION: CINDY STEED

36 Street Cut - In Permits for the M	Month of	JANIJARY	
1 Permits at \$350.00 each	\$	350.00	
1 Permits at \$600.00 each	\$	600.00	
1 Permits at \$1,945.00 each	\$	1,945.00	
1 Permits at \$1,380.00 each	\$	1,380.00	
2 Permits at \$50.00 each	\$	100.00	
1 Permits at \$400.00	\$	400.00	
3 Permits at \$350.00	\$	1,050.00	
26 Permits at \$300.00 each	\$	7,800.00	
36 Administrative Fee at \$15.00 each	\$	540.00	
ПОПАТ	•		
TOTAL	\$	14,165.00	

WE 1006084661 WE 1006084662 PO 5000097612

INVOICE FROM:

ESLINGER CONTRACTING CO., INC.

4849 Cloud Springs Rd.

Ringgold, Ga. 30736

(706) 891-0001

Vendor

102423

Invoice number

15361 Date 2/28/2018

Purchase Order

5000097612

PROJECT: Hanover Street - Install 615'-6" main & 1 Fire

Job Description

Hydrant from Hixson Pike to Barton Ave

E-mail

GRADY.STOUT@AMWATER.COM

10	5000097612 Pipe Install Labor	\$ 2,970.00
20	5000097612 Paving	\$ 1,743.00
30	5000097612 Landscaping	\$ -
40	5000097612 Materials	\$ -
	Total	\$ 4.713.00

WE 1006084661 INVOICE 1006084662 ESLINGER CONTRACTING CO., INC.

4849 Cloud Springs Rd. Ringgold, Ga. 30736

(706) 891-0001

ACCOUNTING INFORMATION

	=000007040	
PO#	5000097612	

from Hixson F	Pike to	Barton Ave
ir	om Hixson I	om Hixson Pike to

TO: Tennessee American Water

P.O. Box 5608

Cherry Hill, NJ 08034

For Period From:

2/16/2018 TO 2/28/2018

ECC Inv. #:

15361

Invoice Date:

2/28/2018

GRADY.STOUT@AMWATER.C CONT	RACT ES	TIMATE				PAY QU	ANTITIES	
ITEM	QUANTITY		UNIT	AMOUNT	PREVIOUS	THIS	TOTAL	AMOUNT
			PRICE		ESTIMATE	ESTIMATE	TO DATE	DOLLARS / CENTS
EXCAVATE & LAYING 4" DI *		L.F.	\$16.25	\$ -			0	\$0.00
EXCAVATE & LAYING 6" DI*	615	L.F.	\$18.25	\$ 11,223.75		60	60	\$1,095.00
EXCAVATE & LAYING 8" DI*		L.F.	\$17.50	\$ -			0	\$0.00
FH INSTALLATION AS MAIN LAID	1	EA.	\$825.00	\$ 825.00		1	1	\$825.00
WET TAP	2	EA.	\$900.00	\$ 1,800.00		1	1	\$900.00
ROCK EXCAVATION		C.Y.	\$185.00	\$ -			0	\$0.00
EXTRA DEPTH	75	FT./FT.	\$3.00	\$ 225.00			0	\$0.00
SERVICE TRANSFERS(3' PAVE)	9	EA.	\$675.00	\$ 6,075.00			0	\$0.00
SERVICE TRANSFERS-2"	1	EA.	\$750.00	\$ 750.00			0	\$0.00
CROSS TIE TO SMALL MAIN		EA.	\$1,275.00	\$ -			0	\$0.00
TRAFFIC CONTROL	4	EA.	\$150.00	\$ 600.00			0	\$0.00
INS 4" OR LARGER TEE & VLV		EA.	\$145.00	\$ -			0	\$0.00
BLOW OFF INSTALLATION		EA.	\$145.00	\$ -			0	\$0.00
PIPE CUTTING	5	EA.	\$75.00	\$ 375.00		2	2	\$150.00
FLUSHING		CF	\$0.05	\$ -			0	\$0.00
KILL OLD MAIN		EA.	\$1,175.00	\$0.00			0	\$0.00
72141121 Pipe Install Labor				\$21,873.75				\$2,970.00
GRANULAR BACKFILL	15	TON	\$30.00	\$ 450.00			0	\$0.00
FLOWABLE BACKFILL	103	C.Y.	\$210.00	\$ 21,630.00		8.3	8.3	\$1,743.00
MILL & PAVE ASPHALT	2040	L.F.	\$8.75	\$ 17,850.00			0	\$0.00
LANE PAVING	515	L.F.	\$45.50	\$ 23,432.50			0	\$0.00
ASPHALT ON FLOWABLE		L.F.	\$19.00	\$ -			0	\$0.00
REPLACE CONCRET SIDEWALK		S.F.	\$10.00	\$ -			0	\$0.00
REPLACE 8" DRIVES		S.F.	\$13.50	\$ -			0	\$0.00
72141105 Pipe Restor.Paving				\$63,362.50				\$1,743.00
SEEDING, STRAW, MULCHING		L.F.	\$5.25	\$ -			0	\$0.00
EROSION CONTROL		EA.	\$1.00	\$ -			0	\$0.00
72141102 LANDSCAPE REST.				\$ -				\$0.00
MATERIAL		EA.	\$1.00	\$ -			0	\$0.00
MATERIAL		EA.	\$1.00	\$ -			0	\$0.00
MATERIAL		EA.	\$1.00	\$ -			0	\$0.00
30191801 PIPE MATERIAL				\$ -				\$0.00
		TOTAL		\$85,236.25 TIMATES TO C				\$4,713.0

CONTRACTOR ESTIMATE SUBMITTEDINSPECTOR ESTIMATE CHECKED. ESTIMATE APPROVED.....ENGINEER

*varies per project (ft/developed)

AMT. OF ESTIMATE ESTIMATE NO. 4,713.00 \$ 1) 2) 3) 4) 5) 4,713.00 TOTAL TO DATE \$0.00 LESS PREVIOUS PAYMENTS

PAY THIS AMOUNT 4,713.00

Partial Invoice

WE 1006084661 WE 1006084662 PO 5000097612

Eslinger Contracting Company, Inc Stone Ticket Tonnage for TAWC Projects

Date: 2/28/2018

Job: Hanover Street

WBS #: R26-02B1.18-P-0002

ECC Inv. #: 15361

Vulcan Ticket #'s	Tons		
4262460	0.00	Dust w/ Flowable	

Line Total Tons =

 \cap

 \cap

Reference Only

Flowable Backfill Tickets

TNT # 9478	8.3 CY
TNT#	CY

Total =

8.3 CY

9469 Purchaser assumes full responsibility for strength, slump, and quality of concrete when additional water or other material is requested on job. AMOUNT PRICE TOTAL TAX TNT Concrete LLC 996 County Road 20 Calhoun, TN 37309, (423) 648-2813 DESCRIPTION METER READING-STARY METER READING-ENI Concrete **UNITS DELIVERED** QUANTITY 0.60 Address: Sold to: Date:

TNT Concrete LLC

9947

996 County Road 20

Calhoun, TN 37309

Calhoun, TN 37309

Calhoun, TN 37309

Address: 323/8

Address: 323/8

Address: 321/Bar Tan Ave

METER READING-END

WETER READING-START

UNITS DELIVERED

WE 1006084661 WE 1006084662 PO 5000097612

 ∞

AMOUNT			
PRICE	F.11	TAX	TOTAL
DESCRIPTION	Flowable		
QUANTITY	8,3v/1/s.		

Purchaser assumes full responsibility for strength, slump, and quality of concrete when additional water or other material is requested on job.

i, the undersigned, will assume all responsibility for any damages where delivery is made inside of the cure.

Signature:

I, the undersigned, will assume all responsibility for any damages where delivery is made inside of the eurby-

Signaturé:





Tennessee American Water Company

PO Box 5608

Cherry Hill NJ 08034

Attention: Grady.Stout@amwater.com

Invoice #: 18022669 Project: 1811090001

Project Name: TAW - 2018 Chattanooga Inspectic

Invoice Group: 03

Invoice Date: 3/14/2018

P.M.: RANDY FRANKLIN BROWN

For Professional Services Rendered through: 3/2/2018

PO #5000097615; R26-02B1.18-P-0002 - Hanover Inspections

Salaries

Rate Schedule Labor

4,080.00

Total Salaries

4,080.00

Expenses

Unit Pricing - Rate

254.80

Total Expenses

254.80

Amount Due This Invoice **

4,334.80

Please reference invoice number 18022669 when remitting payment.

All charges are due and payable thirty (30) days from the date of this invoice. If the invoice is not paid within 30 days, contractual interest (or, if not specified in the contract, the maximum interest rate allowed by law) will be charged. In addition to interest, the payor will be responsible for payment of all collection expenses, including court costs and attorney fees for collection of any past

Phase: 03 Hanover In	spections				
Rate Schedule Labor					
Class / Employee Name	,	Date	Hours	Doto	
Level II Inspector		-	Tiours	Rate	Amount
LARRY STANLEY	2/	16/2018	1.00	80.00	00.00
		20/2018	3.00	80.00	80.00
	2/2	21/2018	2.00	80.00	240.00 160.00
	2/2	27/2018	4.00	80.00	320.00
		_	10.00	33.33	
DONALD WALKER	2/1	6/2018	2.00	80.00	800.00 160.00
	2/1	9/2018	2.00	80.00	160.00
	2/2	0/2018	3.00	80.00	240.00
	2/2	1/2018	3.00	80.00	240.00
	2/2	2/2018	3.00	80.00	
			13.00	30.00	240.00
STEVEN BETTY	2/1	5/2018	2.00	80.00	1,040.00
		6/2018	3.00	80.00	160.00
		2/2018	2.00	80.00	240.00
		3/2018	3.00	80.00	160.00
		6/2018	6.00	80.00	240.00
		7/2018	3.00	80.00	480.00
		8/2018	1.00	80.00	240.00
		/2018	5.00	80.00	80.00
		2/2018	3.00	80.00	400.00
				00.00	240.00
Total: Level II Inspector			28.00		2,240.00
rotal. Level if hispector			51.00		4,080.00
		Rate Sche	edule Labor		4,080.00
nit Pricing Expenses endor / Employee Name	Dog Nie	5.7			
	Doc Nbr	Date	Units	Rate	Amount
nit Pricing - Mileage					
ederal Rate Mileage			,		
LARRY STANLEY	101368	2/16/2018	13.00	0.6500	8.45
	101479	2/20/2018	9.00 🇸	0.6500	5.85
	101479	2/21/2018	10.00 /	0.6500	6.50
	101736	2/27/2018	23.00	0.6500	14.95
			55.00		35.75
DONALD WALKER	101369	2/16/2018	25.00	0.6500	16.25
	101483	2/19/2018	32.00	0.6500	20.80
	101483	2/20/2018	25.00 /	0.6500	16.25
	101483	2/21/2018	38.00 /	0.6500	24.70
	101483	2/22/2018	25.00 /	0.6500	16.25
			145.00		94.25
STEVEN BETTY	101371	2/15/2018	23.00 🗸	0.6500	14.95
	101371	2/16/2018	17.00 🗸	0.6500	11.05
	101491	2/22/2018	23.00 _	0.6500	14.95
	101491	2/23/2018	17.00	0.6500	11.05
	101734	2/26/2018	25.00	0.6500	16.25
	101734	2/27/2018	21.00	0.6500	13.65
	101734	2/28/2018	21.00	0.6500	13.65

Project : 1811090001 T/	AW - 2018 Chatta	nooga Inspection	s		Invoice #: 1802266
Phase : 03 Hanover I	nspections				
Jnit Pricing Expenses Jendor / Employee Name	Doc Nbr	Date	Units	Rate	Amount
Jnit Pricing - Mileage			7		
ederal Rate Mileage					
STEVEN BETTY	101734	3/1/2018	19.00 ~,	0.6500	12.35
	101734	3/2/2018	26.00	0.6500	16.90
			192.00		124.80
Total: Unit Pricing - Mi	leage				254.80
		Unit Pricing			254.80
Total Phase : 03 Hanov	er Inspections			Labor :	4,080.00
				Expense:	254.80
Total Project	: 1811090001	TAW - 2018 C	hattanooga Inspec	tions	4,334.80

Employee #089269		(. Stanle	•		Week I	ndina:	02/16/1	8			Don	0.1.06.2
		Tarrest (建 步号。	3.34	100000000000000000000000000000000000000	00000 A 3 15		DESTACRACIONES DE LA COMPANION	Selection and a second con-	Contain posterio Alle	Pag	e 1 of 3
Work Order #'s	PO Number	TE			SAT	SUN	MON	TUE				
D00 00D4 47 D 000		Phase		Work Order Description	2/10	2/11	2/12	2/13	WED	THU	FRI	
R26-02B1.17-P-0004	5000069451	06	Cain A	ve 8", 6", 4" & FHs	 	2/11	2/12	2/13	2/14	2/15	2/16	TOTAL
R26-02B1.16-P-0006		34	Semi C	Circle - 8", 6", 4" & FHs			+	+	-	1.00	-	1.00
R26-02B1.17-P-0016		30	Paden	Lane - 6", 4" & FH	+		+					0.00
D26-0201-P-0532	5000090356	38	Camp.	Jordan Parkway - 12" Main & Stub-out	+	 	+		-			0.00
R26-02B1.17-P-0015	5000088705	35	Edgem	on Forrest Lane - 6" & 4" Mains & FHs	+	-	+					0.00
R26-02D1.17-P-0009	5000092370	42	ML Kin	g Blvd Relocate 12" Main	+					1.00		1.00
R26-02A1.17-P-0003	5000092088	40	804 Riv	verfront Parkway - 6" Main & FH	+					1.00		1.00
D26-0201-P-0534	5000092694	43	Elam/P	Publix - 8" Main & FH	+							0.00
D26-0201-P-0529	5000087236	32	Carnell	Court - 8" & 6" Main & FH	+						1.00	1.00
D26-0201-P-0533	5000097337	02	Dorche	ester Road - 4" Main								0.00
R26-02B1.18-P-0002	5000097615	03		er St 6" Main & Fh				5.00			3.00	8.00
R26-02D1.18-P-0008	5000090435	1		Jordan Parkway - Relocate 12"							1.00	1.00
	5000093510	****	Camp	Non-Work Order Related								0.00
	TOTAL	WORK	1510100W	Non-work Order Related			8.00	3.00	8.00	5.00	3.00	27.00
A STATE OF S			INTER®	LABOR	0:00	0.00	8.00	8.00	8.00	8.00	8.00	40.00
Work Order #'s	PO Number	Phase		Mileage Description	SAT	SUN	MON	TUE	WED	THU	FRI	40.00
R26-02B1.17-P-0004	5000000454				2/10	2/11	2/12	2/13	2/14	2/15		
R26-02B1.16-P-0006	5000069451	06	Cain A	ve 8", 6", 4" & FHs				2710	2/14	3.00	2/16	TOTALS
R26-02B1.17-P-0016	5000087581	34	Semi C	ircle - 8", 6", 4" & FHs						3.00		3.00
	5000084649	30	Paden	Lane - 6", 4" & FH								0.00
D26-0201-P-0532	5000090356	38	Camp J	lordan Parkway - 12" Main & Stub-out								0.00
R26-02B1.17-P-0015	5000088705	35	Edgem	on Forrest Lane - 6" & 4" Mains & FHs	—							0.00
R26-02D1.17-P-0009	5000092370	42	ML King	g Blvd Relocate 12" Main						3.00	1,00	3.00
R26-02A1.17-P-0003	5000092088	40	804 Riv	erfront Parkway - 6" Main & FH						3.00		3.00
D26-0201-P-0534	5000092694	43	Elam/P	ublix - 8" Main & FH								0.00
D26-0201-P-0529	5000087236	32	Carnell	Court - 8" & 6" Main & FH							13.00	13.00
D26-0201-P-0533	5000097337	02	Dorches	ster Road - 4" Main								0.00
R26-02B1.18-P-0002	5000097615			r St 6" Main & Fh				36.00			14.00	50.00
R26-02D1.18-P-0008	5000090435			ordan Parkway - Relocate 12"							13.00	13.00
	5000093510	****	Non-Wo	ork Order Poleted								0.00
	TO TALLY	Vale Volate	DEP M	LEAGE /			21.00	3.00	21.00	33.00	14.00	92.00
			W. S. S. S.	100000000000000000000000000000000000000	0.00	0.00	21.00	39.00	21,00	42.00	54.00	177.00
THE RESERVE OF THE PERSON OF T	County but a greater of	er in some		THOMPSON DIRECT & INDIRE	CTIARC	Pilling	STREET,	NATIONAL STREET		A COURSE OF A COURSE OF THE PARTY OF THE PAR	HIS AND SOME	E PILOU
					SAT			Mesti Hills				
PROJECT NAME	PROJECT#	PHASE	CLASS	DESCRIPTION	2/10	SUN	MON	TUE	WED	THU	FRI	
ennessee American Water	18-1109-0001	1		The state of the s		2/11	2/12	2/13	2/14	2/15	2/16	TOTALS
mold AFB Water Main	15-1109-0018	****	003		0.00	0.00	8.00	8.00	8.00	8.00	8.00	40.00
nickamauga Creek Grnwy	10-4030-0002											0.00
HOMPSON DIRECT LABOR	TOTAL				-							0.00
		W	Ship and the		0.00	0.00	8.00	8.00	8.00	8.00	8.00	40.00
nold AFB Water Main	15-1109-0018		003	AND THE PROPERTY OF THE PROPER	EWIFER	E			170.000,000.00	在建筑的	VIII CONTRACTOR OF	
nickamauga Creek Gmwy	10-4030-0002		0							o book and the second	SECULOS OF SHORE	0.00
		(A) (W)										0.00
	SUBTO	TALDI	UCK MI	LEAGE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
direct Labor		TAL DIR	ECTLA	BOR	0.00	0.00	8.00	8.00	8.00	8.00	SAN WILLIAM STATES OF THE PARTY	are que more de arme
direct Labor	18-9999-0000	999				-108		0.00	0.00	0.00	8.00	40.00
	18-9999-0004	999		Floating Holiday								0.00
nnual Leave	18-9999-0001	999		Vacation								0.00
oliday Leave	18-9999-0003	999		New Years Day								0.00
· 在2个中间中的中国的中国	SUBTOTA	ALS INDI	RECTL	ABOR:	0.00	0.00	0.00					0.00
				The state of the s	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	V	1		O TOTAL HOURS	0.00	0.00	8.00	8.00	8.00	8.00	8.00	40.00
Larre	1 /1											
Larry;	K. Atank	2	_	March Moune						RECILLA	D HOURS	40.00
Larmy;	A. Atanl	2	0	Parch Mount							R HOURS:	40.00
Larry K Stanl	ey (Employee)	1	2	Randy Brown - Supervisor						REGULAI ERTIME O/ DAY/LEAV	T HOURS:	40.00 0.00

mployee #089269		. Stanle			Week E	nding:	02/23/1	3			Dage	e 1 of 3
	#1545 S.A.C.	3. 1 × 5.							Contraction of the		ray	2 1 OI 3
Work Order #'s	PO Number	TE			SAT	SUN	MON	T. 15			V	
		Phase		Work Order Description	2/17	2/18	2/19	TUE 2/20	WED	THU	FRI	
R26-02B1.17-P-0004	5000069451	06	Cain A	ve 8", 6", 4" & FHs	1 27.17	2/10	2/19	2/20	2/21	2/22	2/23	TOTALS
R26-02B1.16-P-0006	5000087581	34	Semi C	ircle - 8", 6", 4" & FHs					3.00	3.00	2.22	3.00
R26-02B1.17-P-0016	5000084649	30	Paden	Lane - 6", 4" & FH			+	2.00	3.00	4.00	6.00	13.00
D26-0201-P-0532	5000090356	38		Jordan Parkway - 12" Main & Stub-out		 		2.00				2.00
R26-02B1.17-P-0015	5000088705	35	Edgem	on Forrest Lane - 6" & 4" Mains & FHs	+-+	 	-3.00	4.00				0.00
R26-02D1.17-P-0009	5000092370	42	ML Kin	g Blvd Relocate 12" Main	+-+		-3.00	1.00				4.00
R26-02A1.17-P-0003	5000092088	40	804 Riv	verfront Parkway - 6" Main & FH								0.00
D26-0201-P-0534	5000092694	43	Elam/P	ublix - 8" Main & FH			4.00	0.00				0.00
D26-0201-P-0529	5000087236	32	Carnell	Court - 8" & 6" Main & FH	+		4.00	2.00				6.00
D26-0201-P-0533	5000097337	02	Dorche	ster Road - 4" Main			-					0.00
R26-02B1.18-P-0002	5000097615	03	Hanove	er St 6" Main & Fh			-					0.00
R26-02D1.18-P-0008	5000090435			Jordan Parkway - Relocate 12"	+			3.00	2.00			5.00
	5000093510	****		Non-Work Order Related	-		1.00					0.00
	100 100 100 100 100 100 100 100 100 100	17761-1785	PINER	ABOR	I SAMONOV CHARA	Mark Alaka	1.00	Children via a construction	3.00	1.00	2.00	7.00
Work Order #'s		TE	A.C		0.00	0:00	8.00	8.00	8.00	8.00	8.00	40.00
WORK Order # S	PO Number	Phase		Mileage Description	SAT	SUN	MON	TUE	WED	THU	FRI	
R26-02B1.17-P-0004	5000069451		Cain A	/e 8", 6", 4" & FHs	2/17	2/18	2/19	2/20	2/21	2/22	2/23	TOTALS
R26-02B1.16-P-0006	5000087581	34		ircle - 8", 6", 4" & FHs						21.00		21.00
R26-02B1.17-P-0016	5000084649	30		Lane - 6", 4" & FH					29.00	22.00	40.00	91.00
D26-0201-P-0532	5000090356	38						27.00				27.00
R26-02B1.17-P-0015	5000088705	35	Edgem	lordan Parkway - 12" Main & Stub-out								0.00
R26-02D1.17-P-0009	5000092370		MI King	on Forrest Lane - 6" & 4" Mains & FHs			18.00	3.00				21.00
R26-02A1.17-P-0003	5000092088		NIL KING	g Blvd Relocate 12" Main								0.00
D26-0201-P-0534	5000092694	43	804 KIV	erfront Parkway - 6" Main & FH								0.00
D26-0201-P-0529	5000092694	43	Elam/P	ublix - 8" Main & FH			31.00	10.00				41.00
D26-0201-P-0533	5000087236	32	Carnell	Court - 8" & 6" Main & FH								0.00
R26-02B1.18-P-0002	5000097615	02		ster Road - 4" Main								0.00
R26-02D1.18-P-0008	5000097615	03		r St 6" Main & Fh				9.00-	10.00			19.00
	5000093510		Camp J	ordan Parkway - Relocate 12"					•			0.00
			NON-VVC	ork Order Related			3.00		14.00	3.00	16.00	36.00
	AND THE REAL PROPERTY.	a distalled in	1413.011	REAGE: 1	0.00	0.00	國八和小國	S COLORS	53 00		56,00	258.00
	The collection of			THOMPSON DIRECT & INDIRE	CTLARC	D			THE SHARE STATE OF THE STATE OF	CER CALL S	177.7.7.1	430.00
					SAT	SUN	MON	超越发烈烈的			18 C 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
PROJECT NAME	PROJECT#	PHASE	CLASS	DESCRIPTION	2/17	2/18	MON	TUE	WED	THU	FRI	
nnessee American Water	18-1109-0001	1		DEGGIAI HON	0.00		2/19	2/20	2/21	2/22	2/23	TOTALS
nold AFB Water Main	15-1109-0018	****	003		0.00	0.00	8.00	8.00	8.00	8.00	8.00	40.00
ickamauga Creek Grnwy	10-4030-0002											0.00
OMPSON DIRECT LABOR	TOTAL				0.00							0.00
Market Company	Property of the second	Party Through	11000	部の機能は101人以上の1/2-11以中の18月11の11日の	0.00	0.00	8.00	8.00	8.00	8.00	8.00	40.00
nold AFB Water Main	15-1109-0018	Company of the Compan	003	CARDINA SELECTION OF THE SELECTION OF TH								
ickamauga Creek Grnwy	10-4030-0002		0									0.00
A A A SERVICE AND ASSESSMENT OF THE PROPERTY OF THE PARTY		12123780		C-FV-J-Tessacionitarysecurios recommendates								0.00
1	CLIPTO	TAL DIS	FCT	Attace 1	國0.00	墨亚拉亚洲	羅江江麗	(CAO)	據0000圖		機可可能	0.00
direct Labor	18-9999-0000		EC I LA	BOR	0.00	0.00	8.00	8.00	8.00	8.00	8.00	40.00
direct Labor		999								4202-14-1209	10,000	0.00
nual Leave	18-9999-0004	999		Floating Holiday								0.00
liday Leave	18-9999-0001	999		Vacation					-			0.00
Loave	18-9999-0003	999		New Years Day								0.00
	SUBTOT	ALS INDI	RECTL	ABOR:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
							NORTH STATE OF STREET	PART OF THE PART O	ではない ひの形型	U.UU	0.00	0.00
7	V As	. 1		Pauch Brown	0.00	0.00	8.00	8.00	8.00	8.00	8.00	40.00
(X arry)	1. Home	en,	_/	Vaude Moure					ACCESS OF THE PARTY OF THE PART	A-41-0-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	(AMERICAN DATE OF A TOTAL OF A	Walled Dr. Bond Contr
			5	/							R HOURS:	40.00
									OV	ERTIME O	T HOURS	0.00
Larry K. Stanle	ey (Employee)			Randy Brown - Supervisor								

Employee #089269		(. Stanle		OPC IN THE CONTROL OF	Week F	nding	03/02/1	R				
					WEEK	mung.	and the same of the same of the same of		No de la constante de la const		Pag	e 1 of 3
Work Order #'s		TE	Designation and All			The state of the s	傳統的		Tenta .			
	PO Number	Phase		Work Order Description	SAT	SUN	MON	TUE	WED	THU	FRI	
R26-02B1.17-P-0004	5000069451	06	Cain Av	/e 8", 6", 4" & FHs	2/24	2/25	2/26	2/27	2/28	3/1	3/2	TOTAL
R26-02B1.16-P-0006	5000087581	34		ircle - 8", 6", 4" & FHs	+		-					0.00
R26-02B1.17-P-0016	5000084649	30		Lane - 6", 4" & FH	+		4.00	4.00	4.00		1.00	13.00
D26-0201-P-0532	5000090356	38		ordan Parkway - 12" Main & Stub-out								0.00
R26-02B1.17-P-0015	5000088705	35	Edgem	on Forrest Lane - 6" & 4" Mains & FHs								0.00
R26-02D1.17-P-0009	5000092370	42	MI King	g Blvd Relocate 12" Main							4.00	4.00
R26-02A1.17-P-0003	5000092088	40	804 Div	Brvd Relocate 12 Main								0.00
D26-0201-P-0534	5000092694	43	Flom/D	erfront Parkway - 6" Main & FH								0.00
D26-0201-P-0529	5000087236	32	Comell	ublix - 8" Main & FH	5.00				3.00			8.00
D26-0201-P-0533	5000097337	02	Carnell	Court - 8" & 6" Main & FH								0.00
R26-02B1.18-P-0002	5000097615			ster Road - 4" Main								0.00
R26-02D1.18-P-0008	5000097615			r St 6" Main & Fh		1		4.00	 			
- tale 02D1.10-1 -0000	5000090435	39	Camp J	ordan Parkway - Relocate 12"			4.00					4.00
				Non-Work Order Related					1.00	8.00	3,00	4.00 12.00
	TOTAL		RDER L	ABOR	5.00	0.00	8.00	8.00	8.00	8.00	-	
Work Order #'s	PO Number	TE		Mileage Description	SAT	SUN	MON	TUE		TO THE WAY WE NOT	8.00	45.00
DOC 00D4 47 D 0004		Phase		mileage Description	2/24	2/25	2/26	2/27	WED	THU	FRI	
R26-02B1.17-P-0004	5000069451	06	Cain Av	e 8", 6", 4" & FHs		2/20	2120	2121	2/28	3/1	3/2	TOTALS
R26-02B1.16-P-0006	5000087581	34	Semi Ci	rcle - 8", 6", 4" & FHs			8.00	10.00				0.00
R26-02B1.17-P-0016	5000084649	30	Paden L	ane - 6", 4" & FH	 		0.00	40.00	9.00		13.00	70.00
D26-0201-P-0532	5000090356	38	Camp J	ordan Parkway - 12" Main & Stub-out								0.00
R26-02B1.17-P-0015	5000088705	35	Edgemo	on Forrest Lane - 6" & 4" Mains & FHs								0.00
R26-02D1.17-P-0009	5000092370	42	ML King	Blvd Relocate 12" Main							13.00	13.00
R26-02A1.17-P-0003	5000092088		804 Riv	erfront Parkway - 6" Main & FH								0.00
D26-0201-P-0534	5000092694	43		ıblix - 8" Main & FH								0.00
D26-0201-P-0529	5000087236	32		Court - 8" & 6" Main & FH	38.00				7.00			45.00
D26-0201-P-0533	5000097337			ter Road - 4" Main						14		0.00
R26-02B1.18-P-0002	5000097615		Hanava	CA CILLATION ST								0.00
R26-02D1.18-P-0008	5000090435		Camp	St 6" Main & Fh				23.00				23.00
	5000093510		Man Man	ordan Parkway - Relocate 12"			8.00					8.00
nderty from the state of	1 0000000000000000000000000000000000000	del moderated tell territories or	MOLI-AAO	rk Order Related					3.00	43.00	24.00	70.00
	LUIALY	1917 4 8 8 1	DERM	LEAGE	38.00	0.00	16/00	63.00	19.00	43.00		
	GUANG CHARLE	erate la filia de la company		THOMPSON DIRECT & INDIRE		- WEETERSON OF THE	COACONO HOUR AND A	10000 A.A.A.6(2)	KANALA A ANS		30,00	229.00
		T	WH POCHSCHENDURALS	THOM SON DIRECT & INDIRE				域的學情感				No.
PROJECT NAME	PROJECT#	PHASE	CLASS	DESCRIPTION	SAT	SUN	MON	TUE	WED	THU	FRI	
nnessee American Water	18-1109-0001	1		DESCRIPTION	2/24	2/25	2/26	2/27	2/28	3/1	3/2	TOTALS
nold AFB Water Main	15-1109-0018	****	003		5.00	0.00	8.00	8.00	8.00	8.00	8.00	45.00
nickamauga Creek Grnwy	10-4030-0002		- 003									0.00
	1 10-4030-0002											0.00
IOMPSON DIRECT LABOR	TOTAL											
IOMPSON DIRECT LABOR	TOTAL	Province of Assessment	MANAGEMENT CO.	Marchanistanes, J. F. C. V. L. V.	5.00	0.00	8.00	8.00	8.00	8.00	8.001	
	TOTAL	i de la participa de la parti		(15년 - 15년 - 1	5.00	0.00	8.00	8.00	8.00	8.00	8.00	45.00
TOM APB Water Main	TOTAL 15-1109-0018	0	003	第2回路開始 F2(e)7(でんら)7省e)1でゴマダ語 ござeかりゴマ	5.00	0.00	8.00	8.00	8.00	8.00	8.00	
	TOTAL 15-1109-0018 10-4030-0002		003		5.00	0.00	8.00	8.00	8.00	8.00	8.00	0.00
nold AFB Water Main	TOTAL 15-1109-0018 10-4030-0002 TOTAL W	ORKOR	003 0 DER MI	LEAGE	(SMIEEA(c	1=						0.00
nold AFB Water Main ickamauga Creek Grnwy	15-1109-0018 10-4030-0002 TOTAL W	ORK OR	003 0 DER MI	LEAGE	O.QO	0.00	0.00	0.00	0,00	0.00	0.00	0.00 0.00 0.00
nold AFB Water Main ickamauga Creek Grmwy	15-1109-0018 10-4030-0002 TOTAL W SUBTO 18-9999-0000	ORK OR OTAL DIR 999	003 0 DER MI	LEAGE	(SMIEEA(c	1=						0.00 0.00 0.00 45.00
ickamauga Creek Griwy direct Labor direct Labor	15-1109-0018 10-4030-0002 107AL W SUBTO 18-9999-0000 18-9999-0004	ORK OR OTAL DIR 999 999	003 0 DER MI	LEAGE BOR	O.QO	0.00	0.00	0.00	0,00	0.00	0.00	0.00 0.00 0.00 45.00 0.00
old AFB Water Main ickamauga Creek Grmwy direct Labor direct Labor direct Labor inual Leave	15-1109-0018 10-4030-0002 TQ7AL W SUBTC 18-9999-0000 18-9999-0004 18-9999-0001	ORK OR OTAL DIR 999 999 999	003 0 DER MI	GEAGE BOR Floating Holiday	O.QO	0.00	0.00	0.00	0,00	0.00	0.00	0.00 0.00 0.00 45.00 0.00
old AFB Water Main ickamauga Creek Grmwy direct Labor direct Labor direct Labor inual Leave	15-1109-0018 10-4030-0002 TOTAL W SUBT: 18-9999-0000 18-9999-0004 18-9999-0001 18-9999-0003	ORK OR OTAL DIR 999 999 999 999	003 0 DER MII ECT LA	Floating Holiday Vacation New Years Day	O.QO	0.00	0.00	0.00	0,00	0.00	0.00	0.00 0.00 0.00 45.00 0.00
nold AFB Water Main nickamauga Creek Grmwy direct Labor direct Labor	15-1109-0018 10-4030-0002 TOTAL W SUBT: 18-9999-0000 18-9999-0004 18-9999-0001 18-9999-0003	ORK OR OTAL DIR 999 999 999 999	003 0 DER MII ECT LA	Floating Holiday Vacation New Years Day	0.00 5.00	0.00 0.00	0.00	0.00 8.00	0.00	0.00	0.00	0.00 0.00 0.00 45.00 0.00
nold AFB Water Main ickamauga Creek Grmwy direct Labor direct Labor inual Leave	15-1109-0018 10-4030-0002 TQ7AL W SUBTC 18-9999-0000 18-9999-0004 18-9999-0001	ORK OR OTAL DIR 999 999 999 999	003 0 DER MII ECT LA	Floating Holiday Vacation New Years Day	O.QO	0.00	0.00	0.00	0,00	0.00	0.00	0.00 0.00 0.00 45.00 0.00 0.00
direct Labor direct Labor direct Labor direct Labor direct Leave biday Leave	15-1109-0018 10-4030-0002 TOTAL W SUBTC 18-9999-0000 18-9999-0004 18-9999-0003 SUBTOT.	GRK OR DTAL DIR 999 999 999 999 ALS INDII	003 0 DER MI ECT LA	Floating Holiday Vacation New Years Day	0.00 5.00	0.00 0.00	0.00	0.00	0,00 8.00	0.00	0.00	0.00 0.00 0.00 45.00 0.00 0.00 0.00 0.00
direct Labor direct Labor direct Labor direct Labor direct Leave diday Leave	15-1109-0018 10-4030-0002 TOTAL W SUBTC 18-9999-0000 18-9999-0004 18-9999-0003 SUBTOT.	GRK OR DTAL DIR 999 999 999 999 ALS INDII	003 0 DER MI ECT LA	Floating Holiday Vacation New Years Day	0.00 5.00	0.00 0.00	0.00	0.00 8.00	0.00	0.00	0.00 8.00	0.00 0.00 0.00 45.00 0.00 0.00 0.00
direct Labor firect Labor firect Labor firect Labor firect Labor nual Leave diday Leave	15-1109-0018 10-4030-0002 TOTAL W SUBTC 18-9999-0000 18-9999-0004 18-9999-0003 SUBTOT.	GRK OR DTAL DIR 999 999 999 999 ALS INDII	003 0 DER MI ECT LA	Floating Holiday Vacation New Years Day	0.00 5.00	0.00 0.00	0.00	0.00	0,00 8.00	0.00 8.00 0.00	0.00	0.00 0.00 0.00 45.00 0.00 0.00 0.00 0.00
old AFB Water Main ckamauga Creek Grnwy wind was a service of the control lirect Labor irrect Labor nual Leave liday Leave	15-1109-0018 10-4030-0002 TOTAL W SUBTC 18-9999-0000 18-9999-0001 18-9999-0003 SUBTOT.	GRK OR DTAL DIR 999 999 999 999 ALS INDII	003 0 DER MI ECT LA	Floating Holiday Vacation New Years Day	0.00 5.00	0.00 0.00	0.00	0.00	0.00 8.00 0.00 8.00	0.00 8.00 0.00	0.00 8.00 0.00 8.00 R HOURS:	0.00 0.00 0.00 45.00 0.00 0.00 0.00 0.00

Employee #090097		e Walke	The state of the state of		Week E	ndina:	02/16/18				Pac	1 06 2
	Marine Committee		TE	NESSEE AMERICAN WATER WOR	Kapach	West of the	202710710			41971 Starter (1274)		1 of 3
Work Order #'s		TE			SAT	SUN		PROFESSION CONTRACTOR STATES	a li fallonio		人名约2000 (100) (1000 (1000 (1000 (1000 (1000 (1000 (1000 (1000 (1000 (1000 (1000 (100) (1000 (1000 (100) (1000 (1000 (1000 (100) (1000 (100) (1000 (1000 (1000 (100) (1000 (1000 (1000 (1000 (1000 (100) (1000 (100) (1000 (100) (1000 (100) (1000 (100) (1000 (100) (1000 (1000 (100) (1000 (100) (1000 (100) (1000 (100) (1000 (1000 (100) (1000 (100) (1000 (100) (1000 (100) (1000 (100) (1000 (100) (100) (1000 (100) (1000 (100) (100) (1000 (100) (1000 (100) (1000 (100) (100) (1000 (100) (1000 (100) (100) (100) (1000 (100) (100) (1000 (100) (100) (100) (1000 (100) (100) (1000 (100) (100) (100) (100) (1000 (100) (1	
	PO Number	Phase		Work Order Description	2/10	2/11	MON 2/12	TUE	WED	THU	FRI	
R26-02B1.16-P-0005	5000075518	15	Center	Street Main Replacement	2/10	2/11	2/12	2/13	2/14	2/15	2/16	TOTAL
R26-05A1.17-P-0002	5000078833	20	Valley \			 						0.00
R26-02B1.17-P-0004	5000069451	06		re.8",6"4"&FHs	+		2.00	0.00				0.00
R26-02B1.18-P-0002	5000097615	03		r Main Repl.	-		3.00	3.00	3.00			9.00
R26-O2B1.17-P-0015	5000088705	35	Edgemo	on Forrest			2.00	2.22			2.00	2.00
D26-0201-P-0529			Carnell		+		3.00	3.00	3.00	4.00	4.00	17.00
D26-0201-P-O533			Dorches			 	-					0.00
R26-02B1.16-P-0006	5000087581	34	Semi Ci		+							0.00
D26-0201-P-0532	5000090356	38		ordan Parkway 12"Main Stub Out	+							0.00
R26-02D1.17-P-0009	5000092370	42	MIKRE	emove @Replace 12" Main	+					2.00		2.00
	0000002010	41		ock Cove F/H Inspection								0.00
D26-0201-P-0534	5000092694	43	Elam Pu	this cove F/H inspection								0.00
	5000093510	****	Liaiii F	Non-Work Order Related								0.00
10057 W. S. L. C.				ABOR			2.00	2.00	2.00	2.00	2.00	10.00
		TE	KNERSE	ABOR	0.00	0.00	8.00	8.00	8.00	8.00	8 00	40.00
Work Order #'s	PO Number			Mileage Description	SAT	SUN	MON	TUE	WED	THU	FRI	CALIFORNIA CAR BANG
R26-02B1.16-P-0005	5000075518	Phase			2/10	2/11	2/12	2/13	2/14	2/15	2/16	TOTALS
R26-05A1.17-P-0002		15	Center	Street Main Replacement								0.00
R26-02B1.17-P-0004	5000078833	20	Valley V									0.00
R26-02B1.17-P-0004	5000069451	06		e.8",6"4"&FHs	-		36	31	40			107,00
	5000097615			r Main Repl.							25	25.00
R26-O2B1.17-P-0015	5000088705	35		on Forrest			35.00	20.00	20.00	25.00	35.00	135.00
D26-0201-P-0529	0	0	Carnell						20.00	20.00	33.00	0.00
D26-0201-P-O533	0	0	Dorches									
R26-02B1.16-P-0006	5000087581	34	Semi Ci									0.00
D26-0201-P-0532	5000090356	38	Camp J	ordan Parkway 12"Main Stub Out						21.00		0.00
R26-02D1.17-P-0009	5000092370	42	MLK Re	move @Replace 12" Main						21.00		21.00
0	0	41	River Ro	ock Cove F/H Inspection								0.00
D26-0201-P-0534	5000092694	43	Elam Pu									0.00
0	5000093510	0	Non-Wo	rk Order Related		de la la	46.00	52.00	46.00	46.00	45.00	0.00
	TOTAL	ORK OR	DERMI	EAGE	onne	0.00	117.00				45.00	235.00
							國籍工作工程	103.00	ino no	92.00	105.00	523.00
	HAT THE CHARLES WE SHARE THE STATE OF THE ST		A SHARE SHOWING A STATE OF	THOMPSON DIRECT & INDI			Charles No.					
PROJECT NAME	PROJECT#	PHASE	CLASS	DECODINE	SAT	SUN	MON	TUE	WED	THU	FRI	
ennessee American Water	18-1109-0001	THASE	CLASS	DESCRIPTION	2/10	2/11	2/12	2/13	2/14	2/15	2/16	TOTALS
	10 1100 0001				0.00	0.00	8.00	8.00	8.00	8.00	8.00	40.00
												0.00
OMPSON DIRECT LABOR TO	OTAL											0.00
		CONTRACTOR AND	Colori visco vom mod	AND COLUMN TO A STATE OF THE ST								
		•	4	表演编码表示 [2][2][2][2][3][3][3][3][3][3][3][3][3][3][3][3][3]	他自由国主	d)=:			A TOTAL SHIPS US			NAC THE SE
			U					A STATE OF THE PARTY OF THE PAR	D. Bernat Content of the Content of the	CONTRACTOR ASSESSMENT	Market Charles	0.00
0			0									0.00
or a other retainment of the second		DE COM	STELL THE TELEPHONE	ENGLES (Co.	自國的 (京和國自	No Hall See	Mario Mario	語で対して	0.00	0,00	Mary Tyryman	
direct Labor	SUBTO	TAL DIR	ECT LA	BOR	0.00	0.00			- U.UU	V.VV	UAVU	0.00
	18-9999-0000	999					The state of the s		THE PERSON NAMED IN		COMPANY NAMED IN COMPANY	HARRIST CO.
direct Labor	18-9999-0001	999		Vacation Leave								0.00
oliday Leave	18-9999-0003	999		Holiday Leave								0.00
oliday Leave	18-9999-0000	999		Floating Holiday								0.00
(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	SUBTOTA	ALS INDI	RECTLA	ABOR:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
				43013474				0.00	0.00	0.00	0.00	0.00
)	_		_	TOTAL HOUR	0.00	0.00	8.00	8.00	8.00	8.00	8.00	40.00
Soneld a no	acon.		24	Duck Moure		1133	ADDED CON	100 march 100 ma		PERSONAL PURSUANT	ACMOUNT OF STREET	WHEN YELL PROPERTY
			2	/							R HOURS:_	40.00
Develot Marin	r Cmmle		-						OV	ERTIME O	T HOURS:	0.00
Donald L Walke	i - Employee			Randy Brown - Supervis	or							0.00

mployee #090097		ie Walk	er		Week F	inding:	02/23/18						_
			TEA	NESSEE BANEEL CANAVA FER WO	WEEK	inding:	02/23/17	5			Pag	e 1 of 3	
Work Order #'s	PO Number	11-11-11-11-11-11-11-11-11-11-11-11-11-			SK OHOER	HEORM		。	A Company	Constant	40 met	***	
		Phase		Work Order Description	2/17	SUN	MON	TUE	WED	THU	FRI	100000000000000000000000000000000000000	
R26-02B1.16-P-0005	5000075518	15	Center S	Street Main Replacement	2/1/	2/18	2/19	2/20	2/21	2/22	2/23	TOTALS	
R26-05A1.17-P-0002	5000078833	20	Valley V	iew	+	+						0.00	1
R26-02B1.17-P-0004	5000069451	06	Cain Av	e.8",6"4"&FHs	+-	+						0.00	1
R26-02B1.18-P-0002	5000097615	03	Hanove	Main Repl.		+						0.00	
R26-O2B1.17-P-0015	5000088705	35		n Forrest	-	+	2.00	3.00	3.00	0.00		11.00	1
D26-0201-P-0529			Carnell (+	4.00	3.00	3.00	3.00	3.00	16.00	1
D26-0201-P-O533	5000097337	02	Dorches	ter Rd.		+	+					0.00	1
R26-02B1.16-P-0006	5000087581	34	Semi Cir		+-+	+	-				3.00	3.00	1
D26-0201-P-0532	5000090356	38	Camp Jo	ordan Parkway 12"Main Stub Out		+	-					0.00	1
R26-02D1.17-P-0009	5000092370	. 42	MLK Re	nove @Replace 12" Main		+	-					0.00	1
504		41	River Ro	ck Cove F/H Inspection		+						0.00	1
D26-0201-P-0534	5000092694	43	Elam Pu	blix								0.00	1
	5000093510	****		Non-Work Order Related	+		-					0.00	1
	THE TOTAL PROPERTY OF	F6235	iller in the	BON Work Order (Kelated		Editor whereas	2.00		2.00	2.00	2.00	10.00	1
Work Order #'s	PO Number	TE			The second of th	0.00	a halled the hall some	600	800	100 W	8.00	40.00	Ā
		Phase		Mileage Description	SAT	SUN	MON	TUE	WED	THU	FRI		1
R26-02B1.16-P-0005	5000075518	15	Center S	treet Main Replacement	2/17	2/18	2/19	2/20	2/21	2/22	2/23	TOTALS	
R26-05A1.17-P-0002	5000078833	20	Valley Vi	ew every series of the series								0.00	1
R26-02B1.17-P-0004	5000069451	06		.8",6"4"&FHs								0.00	1
R26-02B1.18-P-0002	5000097615	03	Hanover	Main Repl.								0.00	
R26-O2B1.17-P-0015	5000088705	35	Edgemo	Forrest			32	25	38	25	36	149500	120.00
D26-0201-P-0529	0	0	Carnell C				45.00	48.00	34.00	35.00	40.00	202.00	1
D26-0201-P-O533	5000097337	02	Dorchest									0.00	1
R26-02B1.16-P-0006	5000087581	34	Semi Cir.								25	0.00	25
D26-0201-P-0532	5000090356	38		rdan Parkway 12"Main Stub Out								0.00	23
R26-02D1.17-P-0009	5000092370	42	MLK Ren	nove @Replace 12" Main								0.00	
0	0	41	River Ro	ck Cove F/H Inspection								0.00	
D26-0201-P-0534	5000092694	43	Elam Put	div								0.00	
0	5000093510	****	Non-Wor	Order Polated								0.00	1
	Manager Parkers	or Park		AGE			1	73	721	60	65	342	1 16
	the second standing to respect that any like it is	torrelation to the	en to and the said pater of			0.00	1		TI		65	5-1-1	11 / (0)
	THE STATE OF THE STATE OF	1000		THOMPSON DIRECT & INDI	RECTLABO	OR .			Line Company	7 😐	1 11	689	1 >
PROJECT NAME					SAT	SUN	MON	TUE	MERCHANICAL TOP OF THE PARTY OF				
nessee American Water	PROJECT #	PHASE	CLASS	DESCRIPTION	2/17	2/18	2/19	2/20	WED	THU	FRI		
icosco American vvaler	18-1109-0001	1			0.00	0.00	8.00	8.00	2/21	2/22	2/23	TOTALS	
						0.00	0.00	0.00	8.00	8.00	8.00	40.00	
MPSON DIRECT LABOR TO												0.00	l .
MI SON DIRECT LABOR TO	DIAL											0.00	
	67.		70 4 3 4		[200] [] [] [] [] [] []	e i :: Shishishish		CONTRACTOR OF THE PARTY OF THE	NAME OF TAXABLE PROPERTY.				
0	0		0	Control of the Contro	and district the sales	hada and the same of the same		FIELD COMMENTS				100	
0	0		0		1							0.00	
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lect Labor	18-9999-0000	999				0.00	Total Control of					0.00	
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day Leave	18-9999-0000	999		Floating Holiday	+							0.00	
AND PROPERTY OF COLUMN PROPERTY.	SUBTOTA	LS INDIF	RECTLA	BOR:	E SEE OVO CONTRACTOR	0.65						0.00	
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Jonald C W	acon.		Da	now Brown	s 0.00	0.00	8.00	8.00	8.00	8.00	8.00	40.00	
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HOLIDAY/LEAVE HOURS:

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mployee # 090299		en Betty		Week	Ending:	02/16/1	8			Pag	e 1 of 3
			Version 15 state 100	14 C 34						. 49	
Work Order #'s	PO Number	TE	Work Order Description	SAT	SUN	MON	TUE	WED	ТНО	FRI	
200 0004 47 0 0004		Phase		2/10	2/11	2/12	2/13	2/14	2/15	2/16	TOTAL
R26-02B1.17-P-0004	5000069451	06	Cain Ave 8", 6", 4" & FHs			2.00	3.00	2.00	2.00	2/10	9.00
R26-02B1.17-P-0017	50000077007	-								 	0.00
R26-02B1.17-P-0017	5000087397	33	Edgefield Drive - 4" Main						1		0.00
R26-02B1.17-P-0016	5000087581	34	Semi Circle - 8", 6", 4" & FHs								0.00
D26-0201.P-0534	5000084649	30	Paden Lane - 6", 4" & FH			2.00				2.00	4.00
D26-0201-P-0532	5000092694 5000090356	43	Elam Publix				1				0.00
R26-02B1,17-P-0015	5000090356	38	Camp Jordan Parkway - 12" Main & Stub-out							2.00	2.00
R26-02D1.17-P.0009	5000088705	35 42	Edgemon Forrest Lane - 6" & 4" Mains & FHs						2.00		2.00
R26-02A1-17-P-0003	5000092370	42	MLK Remove and replace 12" main								0.00
1420 02/11-17-1 -0003	3000092000	40	804 Riverfront Parkway 4" main								0.00
D26-0201-P-0533	5000097337		River Rock Cove FH Inspection					100			0.00
R26-02B1.18-P-0002	5000097615	02	Dorchester			2.00	3.00	4.00			9.00
1.120 02.01.101 -0002	5000097615		Hanover Main Replacement						2.00	3.00	5.00
Salata de la composición dela composición de la composición de la composición de la composición de la composición dela composición dela composición dela composición de la composición dela composición de la composición dela composición dela compos		0	Non-Work Order Related			2.00	2.00	2.00	2.00	1.00	9.00
er karrante (a. 1920).		TE	RDER LABOR	0.00	STORY DESCRIPTION OF STREET	8.00	8.00	8.00	8.00	8,00	40.00
Work Order #'s	PO Number	Phase	Mileage Description	SAT		MON	TUE	WED	THU	FRI	
R26-02B1.17-P-0004	5000069451	06	Coin A	2/10	2/11	2/12	2/13	2/14	2/15	2/16	TOTALS
7120 0251.17-1 -0004	3000009451	100	Cain Ave 8", 6", 4" & FHs			17.00	25.00	27.00	21.00		90.00
R26-02B1.17-P-0017	5000087397	33	Edgofield Drive 411 Main								0.00
R26-02B1.16-P-0006	5000087581	34	Edgefield Drive - 4" Main								0.00
R26-02B1.17-P-0016	5000087581	30	Semi Circle - 8", 6", 4" & FHs								0.00
D26-0201.P-0534	5000092694	42	Paden Lane - 6", 4" & FH Elam Publix			21.00				22.00	43.00
D26-0201-P-0532	5000090356	38									0.00
R26-02B1,17-P-0015	5000088705	35	Camp Jordan Parkway - 12" Main & Stub-out							26.00	26.00
R26-02D1.17-P.0009	5000092370	42	Edgemon Forrest Lane - 6" & 4" Mains & FHs MLK Remove and replace 12" main						19.00		19.00
R26-02A1-17-P-0003	5000092088	40	804 Riverfront Parkway 4" main								0.00
	0000002000	41	River Rock Cove FH Inspection	-							0.00
D26-0201-P-0533	5000097337	04	Dorchester Thinspection							4 49 1	0.00
R26-02B1.18-P-0002	5000097615		Hanover Main Replacement			24.00	33.00	21.00			78.00
	5000093510	****	Non-Work Order Related						23.00	17.00	40.00
Tales of the second	CONTRACTOR TO THE	100000000000000000000000000000000000000	EER MILEAGE	Day Tomorronic er	THE STATE OF THE S	13.00	12.00	17.00	14.00	12.00	68.00
		Lacia Lacia				75.00	70.00	85.00	77.00	77.00	364.00
	CAS MODERATE SERVICE	国的基础	THOMPSON DIRECT & INDIF	RECT LA	BOR	Carly September	(1990) Zir (1990)	10 No.		Parameter and	ar an work as the
PROJECT NAME	DD0 1505 #			SAT	SUN	MON	TUE	WED	THU	FRI	NOTIFICATION OF THE PARTY OF TH
nnessee American Water	PROJECT#		CLASS DESCRIPTION	2/10	2/11	2/12	2/13	2/14	2/15	2/16	TOTAL
inessee American vvater	18-1109-0001	1		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IOMPSON DIRECT LABOR									0.00	0.00	0.00
OMESON DIRECT LABOR	IOIAL			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
nontraction production and and		OF STREET		(空風八日里=	AGE						0.00
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ilements of the second	STORICE T S YOUR										0.00
The state of the s	HEIALI	WHEN OF	ELER MICEAGE	0.00	0:00	0.00	0.00	0.00	OXOG	0.00	0.00
direct Labor			RECT LABOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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direct Labor nual Leave	18-9999-0004	999	Floating Holiday								0.00
oliday Leave	18-9999-0001	999	Vacation					1/1			0.00
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	10 R-	10-	TOTAL HOUR	s 0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00
Steven	W. BE	the	Ranch Grown TOTAL HOUR	s 0.00	0.00	0.00	0.00	0.00	CONTRACTOR SECTIONS	POLYTICAL STATE	2000
Steven	U. Be	the	Danch Grown TOTAL HOUR	s 0.00	1 0.00	0.00	0.00		CONTRACTOR SECTIONS	R HOURS:	40.00

mployee # 090299		n Betty		Week	Ending:	02/23/1	8			Pag	e 1 of 3
	Frank Santa St	APPARENT STREET		2000	and the same	and the same		Light of Lake	100 to 10		
Work Order #'s	PO Number	TE	Work Order Description	SAT	SUN	MON	TUE	WED	THU	FRI	
R26-02B1.17-P-0004		Phase		2/17	2/18	2/19	2/20	2/21	2/22	2/23	TOTAL
N26-02B1.17-P-0004	5000069451	06	Cain Ave 8", 6", 4" & FHs				1.00		2.00	2123	3.00
R26-02B1.17-P-0017	5000087397	41	River Rock Cove FH Inspection						2.00		0.00
R26-02B1.16-P-0006	5000087581	33	Edgefield Drive - 4" Main								0.00
R26-02B1.17-P-0016	5000084649	34	Semi Circle - 8", 6", 4" & FHs							2.00	2.00
D26-0201 P-0534	5000084649	43	Paden Lane - 6", 4" & FH			2.00	2.00				4.00
D26-0201-P-0532	5000092894	38	Elam Publix							2.00	2.00
R26-02B1.17-P-0015	5000088705	35	Camp Jordan Parkway - 12" Main & Stub-out								0.00
R26-02D1.17-P.0009	5000092370	42	Edgemon Forrest Lane - 6" & 4" Mains & FHs			2.00		2.00	2.00		6.00
R26-02A1-17-P-0003	5000092088	40	MLK Remove and replace 12" main								0.00
D26-0201-P-0533	5000097337	02	804 Riverfront Parkway 4" main Dorchester								0.00
R26-02B1.13-P-0002	5000097615	03	Hanover Main Replacement			2.00	3.00	4.00			9.00
	3000007010	000	rianover Main Replacement	-					2.00	3.00	5.00
	5000093510	01	Non-Work Order Related								0.00
40,09	TOTAL		RDER LABOR	O ROSSOTA TO THE	Same and the same	2.00	2.00	2.00	2.00	1.00	9.00
		TE		0.00	0.00	8,00	8.00	8.00	8.00	8.00	40.00
Work Order #'s	PO Number	Phase	Mileage Description	SAT	SUN	MON	TUE	WED	THU	FRI	
R26-02B1.17-P-0004	5000069451	06	Cain Ave 8", 6", 4" & FHs	2/17	2/18	2/19	2/20	2/21	2/22	2/23	TOTAL
		41	River Rock Cove FH Inspection	-			14.00		17.00		31.00
R26-02B1.17-P-0017	5000087397	33	Edgefield Drive - 4" Main								0.00
R26-02B1.16-P-0006	5000087581	34	Semi Circle - 8", 6", 4" & FHs								0.00
R26-02B1.17-P-0016	5000084649	30	Paden Lane - 6", 4" & FH							22.00	22.00
D26-0201.P-0534	5000092694	43	Elam Publix	-		21.00	16.00				37.00
D26-0201-P-0532	5000090356	38	Camp Jordan Parkway - 12" Main & Stub-out							26.00	26.00
R26-02B1.17-P-0015	5000088705	35	Edgemon Forrest Lane - 6" & 4" Mains & FHs								0.00
R26-02D1.17-P.0009	5000092370	42	MLK Remove and replace 12" main			20.00		22.00	19.00		61.00
R26-02A1-17-P-0003	5000092088	40	804 Riverfront Parkway 4" main								0.00
D26-0201-P-0533	5000097337	02	Dorchester Dorchester								0.00
R26-02B1.18-P-0002	5000097615	03	Hanover Main Replacement			24.00	33.00	21.00			78.00
			Transver Main Replacement						23.00	17.00	40.00
	5000093510	01	Non-Work Order Related	-		10.00					0.00
		rothian:	HOPE MILEAGE	SHAME TO THE PERSON	04808, 452, 542, 543, 548, 548	13.00	12.00	17.00	14.00	12.00	68.00
L. COTAPUDDISCHOOL STATE		Marie Barrier Commence				78.00	76.00	60.00	73.00	Treat.	363.00
2000年1月2日。"在1980年198 <u>年</u> 18	A SERVICE DESCRIPTION		THOMPSON DIRECT & INDIRE	ECT LAB	OR	800 a 300 a		36316435144	9.1000		
PROJECT NAME	DDO IFOT #			SAT	SUN	MON	TUE	WED	THU	FRI	
nnessee American Water	PROJECT #	PHASE	CLASS DESCRIPTION	2/17	2/18	2/19	2/20	2/21	2/22	2/23	TOTAL
messee American water	18-1109-0001	1		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OMPSON DIRECT LABOR	FOTAL			Constant of					0.00	0.00	0.00
SIMI CON BINECT LABOR	NOTAL STATES	months of the second	AP AND THE CONTRACTOR OF A SECURITY OF A SEC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
THE RESERVE AND A PROPERTY OF THE PARTY OF T			on which is the state of the st	TE THE TAX	c E						0.00
									AND THE SCHOOL SERVICE	MOUNT PROPERTY IS	0.00
ELECTRIC CONTRACTOR CONTRACTOR	Sett/Falsetting for the state of	Trace of the same									0.00
THE RESERVE OF THE PARTY OF THE		DARK SA	DERGREENGE	a occur	NO COM	國國刊刊 國國	10000	國山山屬	議の百万万歳	BEO(0)(0)(88)	0.00
direct Labor	SUBIC	TAL DIF	ECT LABOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
firect Labor	18-9999-0000	999						143	name of the state	0.00	0.00
	18-9999-0004	999	Floating Holiday								
nual Leave liday Leave	18-9999-0001	999	Vacation								0.00
iludy Leave	18-9999-0003	999			1000						0.00
THE SECOND PROPERTY AND THE SECOND	SUBTOT	ALS INDI	RECT LABOR:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
						District of the second		Resided の	W.U.UU	0.00	0.00
	10 R	10	Wand Grown TOTAL HOURS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00
1	W- UE	rg.	2 1							R HOURS:	100 Table 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Jellen		//									
Steven W Bett		<u></u>						-	/ERTIME O		40.00

mployee #090299	Stever	W Betty	y		Week E	nding:	03/02/1	8			Page	e 1 of 3
		1					180,738,195-1-2		Vice de la			
Work Order #'s	PO Number	TE		Work Order Description	SAT	SUN	MON	TUE	WED	THU	FRI	
D26 00D4 47 D 0004	500000015	Phase			2/24	2/25	2/26	2/27	2/28	3/1	3/2	TOTAL
R26-02B1.17-P-0004	5000069451	06		- 8", 6", 4" & FHs								0.00
R26-02B1.16-P-0006	5000087581	34		le - 8", 6", 4" & FHs								0.00
R26-02B1.17-P-0016	5000084649	30		ne - 6", 4" & FH				2.00	3.00	 	2.00	7.00
D26-0201-P-0532	5000090356	38	Camp Jor	dan Parkway - 12" Main & Stub-out				2.00	2.00	 	2.00	4.00
R26-02B1.17-P-0015	5000088705	35	Edgemon	Forrest Lane - 6" & 4" Mains & FHs						 		0.00
R26-02D1.17-P-0009	5000092370	42	ML King E	Blvd Relocate 12" Main						 		0.00
R26-02A1.17-P-0003	5000092088	40	804 River	front Parkway - 6" Main & FH						 		0.00
D26-0201-P-0534	5000092694	43		lix - 8" Main & FH								
D26-0201-P-0529	5000087236	32	Carnell Co	ourt - 8" & 6" Main & FH								0.00
D26-0201-P-0533	5000097337	02	Dorcheste	er Road - 4" Main						4.00		0.00
R26-02B1.18-P-0002	5000097615	03	Hanover S	St 6" Main & Fh	 		6.00	3.00	1.00	1.00		1.00
R26-02D1.18-P-0008	5000090435	39		dan Parkway - Relocate 12"			0.00	3.00	1.00	5.00	3.00	18.00
	5000093510	****		Non-Work Order Related			2.00	1.00	0.00		2.00	2.00
	TOTAL	WORK	RDERIA		0.00	0.00		1.00	2.00	2.00	1.00	8.00
Mark Out III		TE	A-1 - A-1 - A-1			0.00	8.00	8.00	8.00	8.00	8.00	40.00
Work Order #'s	PO Number	Phase		Mileage Description	SAT	SUN	MON	TUE	WED	THU	FRI	
R26-02B1.17-P-0004	5000069451	06	Cain Ave	- 8", 6", 4" & FHs	2/24	2/25	2/26	2/27	2/28	3/1	3/2	TOTAL
R26-02B1.16-P-0006	5000087581	34		le - 8", 6", 4" & FHs						100		0.00
R26-02B1.17-P-0016	5000084649	30		ne - 6", 4" & FH								0.00
D26-0201-P-0532	5000090356	38						24.00	21.00		27.00	72.00
R26-02B1.17-P-0015	5000088705	35	Camp Jor	dan Parkway - 12" Main & Stub-out				31.00	18.00			49.00
R26-02D1.17-P-0009	5000092370	-	Eagemon	Forrest Lane - 6" & 4" Mains & FHs								0.00
R26-02A1.17-P-0003	5000092370	42	ML King E	Blvd Relocate 12" Main								0.00
D26-0201-P-0534		40	804 River	front Parkway - 6" Main & FH								0.00
D26-0201-P-0529	5000092694	43		lix - 8" Main & FH								0.00
D26-0201-P-0529	5000087236	32	Carnell Co	ourt - 8" & 6" Main & FH								0.00
R26-02B1.18-P-0002	5000097337	02		r Road - 4" Main						21.00		21.00
R26-02D1.18-P-0002	5000097615	03	Hanover S	St 6" Main & Fh			25.00	21.00	21.00	19.00	26.00	112.00
1720-02D1.10-P-0006	5000090435	39	Camp Jor	dan Parkway - Relocate 12"							24.00	24.00
- William I	5000093510		Non-Work	Order Related			15.00	17.00	11.00	19.00	14.00	76.00
	TOTALY	NORK OF	OER MILE	AGE	0.00	0.00	40,00	93.00	71.00	59.00	91.00	
The second of the second		Sections	PARTICIPATION AND THE	THOMPSON DIRECT & INDIRE		THE REAL PROPERTY AND ADDRESS OF THE PERSON NAMED IN	erea la es			33.00	31,00	354.00
		T			SAT	SUN	MON	TUE	WED			
PROJECT NAME	PROJECT#	PHASE	CLASS	DESCRIPTION	2/24	2/25	2/26	2/27		THU	FRI	
ennessee American Water	18-1109-0001	1		DEGUM HON	0.00				2/28	3/1	3/2	TOTAL
					0.00	0.00	8.00	8.00	8.00	8.00	8.00	40.00
		1										0.00
HOMPSON DIRECT LABOR					0.00	0.00	0.00					0.00
		o constant			0.00	0.00	8.00	8.00	8.00	8.00	8.00	40.00
			CONTRACTOR SCHOOL SCHOOL	AND STATISTICS OF THE STATE OF	IMILEA	JE.					form w	
		 	0									0.00
AND	BRUNSWA /AVA TENY	Maria Const		-7 V. T. Darassantrate and a second								0.00
	SUIDT	OTAL	PECTIA	AGE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
			RECT LAB		0.00	0.00	8.00	8.00	8.00	8.00	8.00	40.00
direct Labor												0.00
direct Labor	18-9999-0000	999										0.00
direct Labor	18-9999-0000 18-9999-0004	999		Floating Holiday								3.00
direct Labor nnual Leave	18-9999-0000 18-9999-0004 18-9999-0001	999 999		Vacation								0.00
direct Labor	18-999-0000 18-9999-0004 18-9999-0001 18-9999-0003	999 999 999		Vacation New Years Day								0.00
direct Labor nnual Leave	18-999-0000 18-9999-0004 18-9999-0001 18-9999-0003	999 999 999	IRECT LAI	Vacation New Years Day	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
direct Labor nnual Leave	18-999-0000 18-9999-0004 18-9999-0001 18-9999-0003	999 999 999		Vacation New Years Day BOR:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
direct Labor nnual Leave	18-999-0000 18-9999-0004 18-9999-0001 18-9999-0003	999 999 999		Vacation New Years Day BOR:	X.	0.00	0.00	3211 S. C.			Second Comments	0.00
direct Labor nual Leave bliday Leave	18-999-0000 18-9999-0004 18-9999-0001 18-9999-0003 SUBTOT	999 999 999 ALS IND		Vacation New Years Day BOR:	X.	1997 - 17-1993	710 (2-10-2-10)	8.00	0.00	8.00	8.00	0.00 0.00 40.00
direct Labor nual Leave bliday Leave	18-999-0000 18-9999-0004 18-9999-0001 18-9999-0003	999 999 999 ALS IND		Vacation New Years Day BOR:	X.	1997 - 17-1993	710 (2-10-2-10)	3211 S. C.	8.00	8.00 REGULA	8.00 R HOURS:	0.00
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Tennessee American Water Company

PO Box 5608

Cherry Hill NJ 08034

Attention: Grady.Stout@amwater.com

Invoice #: 18032666

Project: 1811090001

Project Name: TAW - 2018 Chattanooga Inspectic

Invoice Group: 03

Invoice Date: 4/12/2018

P.M.: RANDY FRANKLIN BROWN

For Professional Services Rendered through: 3/30/2018

PO #5000097615; R26-02B1.18-P-0002 - Hanover Inspections

Salaries

Rate Schedule Labor

4.960.00

Total Salaries

4,960.00

Expenses

Unit Pricing - Rate

343.85

Total Expenses

343.85

Amount Due This Invoice **

5,303.85

Please reference invoice number 18032666 when remitting payment.

All charges are due and payable thirty (30) days from the date of this invoice. If the invoice is not paid within 30 days, contractual interest (or, if not specified in the contract, the maximum interest rate allowed by law) will be charged. In addition to interest, the payor will be responsible for payment of all collection expenses, including court costs and attorney fees for collection of any past

2970 Cottage Hill Road, Suite 190 Mobile, AL 36606 251.666.2443 ph / 251.666.6422 fax www.thompsonengineering.com Project : 1811090001 -- TAW - 2018 Chattanooga Inspections Invoice # : 18032666

ate Schedule Labor						
class / Employee Name		Date	Hours	Rate	Amount	
evel II Inspector						
LARRY STANLEY	3/6/2018		3.00	80.00	240.00	
		/8/2018	2.00	80.00	160.00	
	3/	9/2018	4.00	80.00	320.00	
DOMALD WALKED			9.00		720.00	
DONALD WALKER		7/2018	4.00	80.00	320.00	
STEVEN BETTY	3/5/2018		6.00	80.00	480.00	
	3/6/2018		3.00	80.00	240.00	
	3/7/2018		2.00	80.00	160.00	
	3/8/2018		2.00	80.00	160.00	
	3/9/2018		2.00	80.00	160.00	
	3/12/2018		6.00	80.00	480.00	
	3/13/2018		2.00	80.00	160.00	
	3/15/2018		2.00	80.00		
	3/16/2018		3.00	80.00	160.00	
		9/2018	3.00	80.00	240.00	
	3/20/2018		3.00	80.00	240.00	
	3/21/2018		2.00		240.00	
	3/22/2018		2.00	80.00	160.00	
	3/23/2018		2.00	80.00	160.00	
	3/26/2018			80.00	160.00	
			3.00	80.00	240.00	
	3/27/2018		2.00	80.00	160.00	
	3/28/2018		2.00	80.00	160.00	
	3/29/2018		2.00	80.00	160.00	
			49.00		3,920.00	
Total: Level II Inspector			62.00	-	4,960.00	
	Rate Schedule Labor				4,960.00	
t Pricing Expenses						
dor / Employee Name	Doc Nbr	Date	Units	Dete		
Pricing - Mileage		Date	OIIIIS	Rate	Amount	
eral Rate Mileage						
ARRY STANLEY	101790	2/0/2040	22.22			
THE STANLET	101790	3/6/2018	29.00	0.6500	18.85	
		3/8/2018	7.00	0.6500	4.55	
	101790	3/9/2018	30.00	0.6500	19.50	
	101957	3/16/2018	21.00	0.6500	13.65	
ONIAL D. MALLICE			87.00		56.55	
ONALD WALKER	101789	3/7/2018	20.00	0.6500	13.00	
EVEN BETTY	101796	3/5/2018	25.00	0.6500	16.25	
	101796	3/6/2018	29.00	0.6500	18.85	
	101796	3/7/2018	9.00	0.6500	5.85	
	101796	3/8/2018	19.00	0.6500	12.35	
	101796	3/9/2018	20.00	0.6500	13.00	
	101959	3/12/2018	25.00	0.6500	16.25	
	101959	3/13/2018	21.00	0.6500	13.65	
	101959	3/15/2018	16.00	0.6500	10.40	
	101959	3/16/2018	23.00	0.6500	14.95	
	102107	3/19/2018			11.00	

WE 1006217589 PO 5000097615

Project : 1811090001 -- TAW - 2018 Chattanooga Inspections Invoice # : 18032666

				Expense :	343.85
Total Phase : 03 Hanove	r Inspections	Labor :	4,960.00		
		Unit Pricing			343.85
Total: Unit Pricing - Mile	eage		343.85		
			422.00		274.30
	102346	3/29/2018	26.00	0.6500	16.90
	102346	3/28/2018	22.00	0.6500	14.30
	102346	3/27/2018	31.00	0.6500	20.15
	102346	3/26/2018	26.00	0.6500	16.90
	102107	3/23/2018	22.00	0.6500	14.30
	102107	3/22/2018	29.00	0.6500	18.85
	102107	3/21/2018	22.00	0.6500	14.30
STEVEN BETTY	102107	3/20/2018	31.00	0.6500	20.15
Federal Rate Mileage					
Unit Pricing - Mileage					
Unit Pricing Expenses Vendor / Employee Name	Doc Nbr	Date	Units	Rate	Amount

pployee #089269 Larry K. Stanley			Week En	iding:	03/09/18				Page			
Work Order #'s	PO Number	TE		Work Order Description	SAT	SUN	MON	TUE	WED	THU	FRI	
WOR Order #3	ro Number	Phase		WORK Order Description	3/3	3/4	3/5	3/6	3/7	3/8	3/9	TOTALS
R26-02B1.17-P-0004	5000069451	06	Cain Ave 8", 6", 4" & FHs						1.00	2.00		3.00
R26-02B1.16-P-0006	5000087581	34	Semi Circle - 8", 6", 4" & FHs					3.00	2.00	2.00		7.00
R26-02B1.17-P-0016	5000084649	30	Paden Lane - 6", 4" & FH				3.00			1		3.00
D26-0201-P-0532	5000090356	38	Camp Jor	dan Parkway - 12" Main & Stub-out								0.00
R26-02B1.17-P-0015	5000088705	35	Edgemon	Forrest Lane - 6" & 4" Mains & FHs			1.00	-	1.00	1.00		3,00
R26-02D1.17-P-0009	5000092370	42	ML King B	Blvd Relocate 12" Main						1.00		1.00
R26-02A1.17-P-0003	5000092088	40	804 River	front Parkway - 6" Main & FH					1.00			1.00
D26-0201-P-0534	5000092694	43		lix - 8" Main & FH					1.00		2.00	3.00
D26-0201-P-0533	5000097337	02	Dorcheste	er Road - 4" Main								0.00
R26-02B1.18-P-0002	5000097615	03	Hanover :	St 6" Main & Fh				3.00		2.00	4.00	9.00
R26-02D1.18-P-0008	5000090435	39	Camp Jor	dan Parkway - Relocate 12"			4.00	1.00	1.00	2.00	4.00	6.00
								1.00	1.00			0.00
	5000093510	****		Non-Work Order Related				1.00	1.00		2.00	4.00
Merchanica Communication	TOTAL	WORK O	RDERIA	BOR	0.00	0.00	8.00	8.00	8.00	8.00	8.00	40.00
A PORTO DE LOS DE LA PORTE DE		TE			SAT	SUN	MON	TUE	WED	THU	THE RESIDENCE OF THE PARTY OF T	40.00
Work Order #'s	PO Number	Phase		Mileage Description	3/3	3/4	3/5	3/6	3/7	3/8	FRI	TOTALO
R26-02B1.17-P-0004	5000069451	06	Cain Ave	8", 6", 4" & FHs	3/3	3/4	3/3	3/6	3.00	15.00	3/9	TOTALS
R26-02B1.16-P-0006	5000087581			le - 8", 6", 4" & FHs	1			29.00				18.00
R26-02B1.17-P-0016	5000084649	30			+		27.00	29.00	23.00	5.00		57.00
D26-0201-P-0532	5000090356	38		Paden Lane - 6", 4" & FH Camp Jordan Parkway - 12" Main & Stub-out			27.00					27.00
R26-02B1.17-P-0015	5000088705	35	Edgemon Forrest Lane - 6" & 4" Mains & FHs		-		9.00		2.00	2.00		0.00
R26-02D1.17-P-0009	5000092370	42	ML King Blvd Relocate 12" Main		+		9.00		3.00	3.00		15.00
R26-02A1.17-P-0003	5000092088	40	804 Riverfront Parkway - 6" Main & FH		+				0.00	3.00		3.00
D26-0201-P-0534	5000092694	43	Elam/Publix - 8" Main & FH		+				3.00		25.00	3.00
D26-0201-P-0533	5000097337	02	Dorchester Road - 4" Main		+				3.00		25.00	28.00
R26-02B1.18-P-0002	5000097615	03										0.00
R26-02D1.18-P-0008	5000097815	39	Hanover St 6" Main & Fh Camp Jordan Parkway - Relocate 12"		+			29.00		7.00	30.00	66.00
0	0	0	o Camp Jo	dan Parkway - Relocate 12	-		33.00	3.00				36.00
0	5000093510	****	Non Wor	k Order Related	-						-5190	5-00
and the second second					E COMPANY AND A			3.00	3.00		5.00	-6:00
	TOTALY	VURN OI	COEK MIL		0.00	0.00	69.00	64.00	38.00	33.00	60.00	264-00
The second second second				THOMPSON DIRECT & INDIR	ECT LABO	R				45,040,041.0		Autoria (a
					SAT	SUN	MON	TUE	WED	THU	FRI	
PROJECT NAME	PROJECT#	PHASE	CLASS	DESCRIPTION	3/3	3/4	3/5	3/6	3/7	3/8	3/9	TOTALS
nnessee American Water	18-1109-0001	1			0.00	0.00	8.00	8.00	8.00	8.00	8.00	40.00
nold AFB Water Main	15-1109-0018	****	003			A STATE OF THE PARTY OF THE PAR		AND DESCRIPTION OF THE PARTY OF	SOUTH STREET,	CONTRACTOR OF STREET	MINISTRAL STREET, STRE	0.00
nickamauga Creek Grnwy	10-4030-0002											0.00
HOMPSON DIRECT LABOR	TOTAL				0.00	0.00	8.00	8.00	8.00	8.00	8.00	40.00
				THOMPSON DIRECT PROJE	OT MILEAG	HE .						
nold AFB Water Main	15-1109-0018		003		1			S	PACTE SHAPE CONTAINS DELIS	1945-YEAR BERNING		0.00
ickamauga Creek Grnwy	10-4030-0002		0									0.00
	TOTALY	VORK O	OER MIL	EAGE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
			RECTLA		0.00	0.00	8.00	8.00	8.00	8.00	8.00	40.00
direct Labor	18-9999-0000	999	Г		0.00	0.00	2000 O.OO E.O.O.	0.00	0.00	0.00	0.00	
direct Labor	18-9999-0004	999		Floating Holiday								0.00
nnual Leave	18-9999-0001	999	1	Vacation								0.00
oliday Leave	18-9999-0003	999	1	New Years Day							-	0.00
and a first the age of the analysis of the		1	IRECT LA		0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	300101	ALO HAL	IIILO I LA	NO.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
_1				TOTAL HOUR	s 0.00	0.00	8.00	8.00	8.00	8.00	8.00	40.00
Larro-	X 11-	-0,	6	Pauch Grown	Bartinesen automate married	MARKING THE TRAIN SELECT	Account to the last of	200		A DOUBLE DOMESTIC OF THE PARTY OF	COLUMN TO CASE DATE	MULTIPLE MANAGEMENT OF THE PARTY.
(10009	111 Degion		K	and I							AR HOURS:	
	iley (Employee)			Randy Brown - Supervis			-				VE HOURS:	
												0.00

nployee #090097		e Walke			Week Er		03/09/18		50 Line 1 + O + F > C + O + O + O + O + O + O + O + O + O +	CANDO STATES AND ASSESSMENT	rage	1 of 3
			TEN	NESSEE AMERICAN WATER WOR	K ORDER II	NFORMA	TION					
Work Order #'s	PO Number	TE Phase		Work Order Description	SAT 3/3	SUN 3/4	MON 3/5	TUE 3/6	WED 3/7	THU 3/8	FRI 3/9	TOTALS
R26-02B1.16-P-0005	5000075518	15	Center S	treet Main Replacement					0//	0/0	. 010	0.00
R26-05A1.17-P-0002	5000078833	20	Valley Vi									0.00
R26-02B1.17-P-0004	5000069451	06		e.8",6"4"&FHs								0.00
R26-02B1.18-P-0002	5000097615	03		Main Repl.					4 00			4.00
R26-O2B1.17-P-0015	5000088705	35		n Forrest					4.00			0.00
D26-0201-P-0529			Carnell C		1							0.00
D26-0201-P-O533	5000097337	02	Dorches									0.00
R26-02B1.16-P-0006	5000087581	34	Semi Cir									0.00
D26-0201-P-0532	5000090356	38		ordan Parkway 12"Main Stub Out						6.00		
R26-02B1.17-P-0016	5000084643	30		ane Main Replacement					4.00	0.00		6.00
1120 0201.111 0010	3000004043	41		ck Cove F/H Inspection	+				4.00		3.00	7.00
D26-0201-P-0534	5000092694	43	Elam Pu									0.00
1720-0201-1-0334	5000092694	01	Elam Pu	Non-Work Order Related	-						3.00	3.00
	TOTAL	-					-			2.00	2.00	4.00
TALLY A VALUE OF THE PARTY AND A CONTROL OF THE PARTY OF	THE PARTY OF THE P	TE	KUEKLA	IBOR	0.00	0.00	0.00	0.00	8.00	8.00	8.00	24.00
Work Order #'s	PO Number	Phase		Mileage Description	SAT	SUN	MON	TUE	WED	THU	FRI	
R26-02B1.16-P-0005	5000075518	15	Contra	tract Main Danles	3/3	3/4	3/5	3/6	3/7	3/8	3/9	TOTALS
R26-02B1.16-P-0005	5000075518	20		treet Main Replacement								0.00
R26-02B1.17-P-0004	THE RESERVE AND ADDRESS OF THE PARTY OF THE	-	Valley V									0.00
R26-02B1.17-P-0004	5000069451	06		e.8",6"4"&FHs								0.00
	5000097615	03		Main Repl.					20			20.00
R26-O2B1.17-P-0015	5000088705	35		n Forrest								0.00
D26-0201-P-0529	0	0	Carnell (0.00
D26-0201-P-0533	5000097337	02	Dorches									0.00
R26-02B1.16-P-0006	5000087581	34	Semi Cir									0.00
D26-0201-P-0532	5000090356	38		ordan Parkway 12"Main Stub Out						35.00		35.00
R26-02B1.17-P-0016	5000084643	30		ane Main Replacement					37.00		35.00	72.00
0	0	41		ck Cove F/H Inspection								0.00
D26-0201-P-0534	5000092694	43	Elam Pu								25.00	25.00
0	5000093510	01		rk Order Related						30.00	24.00	54.00
	TOTAL	VORK OF	OER MIL	EAGE	0.00	0.00	0.00	0.00	57.00	65.00	84.00	206.00
A. 12 (443) 200 在特别的结构				THOMPSON DIRECT & INDI	RECT LAB	OR			250-360			
		T	T		SAT	SUN	MON	TUE	WED	THU	FRI	
PROJECT NAME	PROJECT #	PHASE	CLASS	DESCRIPTION	3/3	3/4	3/5	3/6	3/7	3/8	3/9	TOTALS
nnessee American Water	18-1109-0001				0.00	0.00	0.00	0.00	8.00	8.00	8.00	24.00
THE RESIDENCE AND ADDRESS OF THE PARTY OF TH		The same of the sa		THE RESERVE OF THE PROPERTY OF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
												0.00
OMPSON DIRECT LABOR T	OTAL											0.00
				THOMPSONIDIRECT PROD	ECT MILEA	GE						
	0	1	0					NEW TORSES AND STREET	NE PERSONAL PROPERTY.			0.00
	0		0									0.00
Service Services	YOTAL	VORK OF	RDER MIL	EAGE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
			RECT LAI		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
direct Labor	18-9999-0002			bereaberment	3.00 200	0.00	8.00	8.00	March Street Street		AND YOUR DESIGNATION OF THE PERSON OF THE PE	16.00
direct Labor	18-9999-0001	999		Vacation Leave			0.00	0.00				0.00
oliday Leave	18-9999-0003	_		Holiday Leave								0.00
oliday Leave	18-9999-0000			Floating Holiday								0.00
			IRECT L		0.00	0.00	8.00	8.00	0.00	0.00	0.00	16.00
The state of the s			-	The second secon				0.00	0.00	0.00	0.00	16.00
			,	7 TOTAL HOU	RS 0.00	0.00	8.00	8.00	8.00	8.00	8.00	40.00
							SECURIOR SEC	CONTRACTOR DESIGNATION	DOMESTIC STREET, STREE			Section of the last section is
Donald CL	a cone	_		auch Moune						REGULA	AR HOURS	40.00
Donald 4 4	Dane.	-	X	auch Moune							AR HOURS:	40.00
Donald L. Wal	ker - Employee		- 3	Randy Brown - Supen	dear		-			REGULA OVERTIME C	O/T HOURS:	0.00 0.00

mployee #090299	Steven	W Betty		CONTROL NO STATE OF THE STATE O	Week Er	iding:	03/09/18				Page	1 of 3
一位。在这个方面的理解的												
Work Order #'s	PO Number	TE Phase		Work Order Description	SAT	SUN	MON	TUE	WED	THU	FRI	
R26-02B1.17-P-0004	5000069451	06	Cain Ave	e 8", 6", 4" & FHs	3/3	3/4	3/5	3/6	3/7	3/8	3/9	TOTALS
R26-02B1.16-P-0006	5000087581	34		cle - 8", 6", 4" & FHs					1.00			1.00
R26-02B1.17-P-0016	5000084649	30	Dodon I	ane - 6", 4" & FH	-		-					0.00
D26-0201-P-0532	5000090356	38	Camp la	ane - 6 , 4 & FH	-			2.00	1.00	1.00	2.00	6.00
R26-02B1.17-P-0015	5000090336			ordan Parkway - 12" Main & Stub-out				2.00				2.00
R26-02D1,17-P-0019	5000088705	35		n Forrest Lane - 6" & 4" Mains & FHs	-				1.00			1.00
the comment of the co	THE PERSON NAMED IN COLUMN ASSESSMENT OF THE PERSON NAMED IN COLUMN ASSESSMENT	42		Blvd Relocate 12" Main					1.00			1.00
R26-02A1.17-P-0003	5000092088	40		erfront Parkway - 6" Main & FH					1.00			1.00
D26-0201-P-0534	5000092694	43		blix - 8" Main & FH					1.00			1.00
D26-0201-P-0529	5000087236	32		Court - 8" & 6" Main & FH								0.00
D26-0201-P-0533	5000097337	02		ter Road - 4" Main						1.00	1.00	2.00
R26-02B1.18-P-0002	5000097615	03	-	St 6" Main & Fh			6.00	3.00	2.00	2.00	2.00	15.00
R26-02D1.18-P-0008	5000090435	39	Camp Jo	ordan Parkway - Relocate 12"						2.00	2.00	4.00
	5000093510	****		Non-Work Order Related			2.00	1.00		2.00	1.00	6.00
	TOTAL	WORK C	RDERL	ABOR	0.00	0.00	8.00	8.00	8.00	8.00	8.00	40.00
Work Order #'s	PO Number	TE			SAT	SUN	MON	TUE	WED	THU	FRI	40.00
WORK Order # S	PONumber	Phase		Mileage Description	3/3	3/4	3/5	3/6	3/7	3/8	3/9	TOTAL
R26-02B1.17-P-0004	5000069451	06	Cain Av	e 8", 6", 4" & FHs	0,0	3/4	3/3	3/0		3/8	3/9	TOTALS
R26-02B1.16-P-0006	5000087581	34		rcle - 8", 6", 4" & FHs	-		-		19.00			19.00
R26-02B1.17-P-0016	5000084649	30		ane - 6", 4" & FH	+							0.00
D26-0201-P-0532	5000090356	38						21.00	10.00	11.00	13.00	55.00
R26-02B1.17-P-0015	5000088705	35	Camp Jo	ordan Parkway - 12" Main & Stub-out				17.00				17.00
R26-02D1.17-P-0009				n Forrest Lane - 6" & 4" Mains & FHs					8.00			8.00
The Part of the Pa	5000092370	42		Blvd Relocate 12" Main					14.00			14.00
R26-02A1.17-P-0003	5000092088	40		erfront Parkway - 6" Main & FH					11.00			11.00
D26-0201-P-0534	5000092694	43		blix - 8" Main & FH					7.00			7.00
D26-0201-P-0529	5000087236	32		Court - 8" & 6" Main & FH								0.00
D26-0201-P-0533	5000097337	02		ter Road - 4" Main						14.00	17.00	31.00
R26-02B1.18-P-0002	5000097615	03		St 6" Main & Fh			25.00	29.00	9.00	19.00	20.00	102.00
R26-02D1.18-P-0008	5000090435	39		ordan Parkway - Relocate 12"						17.00	18.00	35.00
	5000093510	****	Non-Wo	rk Order Related			15.00	17.00		19.00	14.00	65.00
	TOTALY	VORK OF	ROER MI	LEAGE	0.00	0.00	40.00	84.00	78.00	80.00	82.00	364.00
				THOMPSON DIRECT & INDIR	ECTLARO	-			2003275-201-0-0-000		O ALOUS	304,00
THE THE SHADOW TO PERMANDING THE PROPERTY OF THE STATE OF	150 Day 147 Sept 1570 PM 200 M 150 DM 147 BAD			THOMPSON DIRECT & INDIR	SAT	SUN	MON	TUE	WED	THU	C C C C C C C C C C C C C C C C C C C	
PROJECT NAME	PROJECT#	PHASE	CLASS	DESCRIPTION	3/3	3/4	3/5		-		FRI	
ennessee American Water	18-1109-0001	1		DEGOIGH HOIL	0.00			3/6	3/7	3/8	3/9	TOTAL
A 1 OF A 1 OF A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A	MAN WATER AND ADDRESS OF THE PARTY OF THE PA	-	-		0.00	0.00	8.00	8.00	8.00	8.00	8.00	40.00
		-					-					0.00
HOMPSON DIRECT LABOR	TOTAL											0.00
TOWN GOLVENING TEADOR	TOTAL	Activities continue	District Control		0.00	0.00	8.00	8.00	8.00	8.00	8.00	40.00
A TOTAL PROPERTY OF THE PROPER		STATE VENEZA SA		THOMPSON DIRECT PROJECT	FIMILEAC	iE						
		-										0.00
		1	0									0.00
		NORK OF			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		OTAL DI	RECTLA	BOR	0.00	0.00	8.00	8.00	8.00	8.00	8.00	40.00
direct Labor	18-9999-0000	999										0.00
direct Labor	18-9999-0004	999		Floating Holiday								0.00
nnual Leave	18-9999-0001	999		Vacation								0.00
oliday Leave	18-9999-0003	999		New Years Day								0.00
Control of the Contro	SUBTO	ALS IND	IRECT		0.00	0.00	0.00	0.00	0.00	0.00	0.00	
					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
				7 TOTAL HOURS	s 0.00	0.00	8.00	8.00	8.00	8.00	8.00	40.00
				Wouds Moure					The second second	an array constitution for the same	ADMINISTRAÇÃO CAMINA	40.00
\leq t.	W. Both	1		fracer ()						REGULA	AR HOURS	
Steven	W. Bett	7	5	June 1							R HOURS:	40.00
Steven W Be	etty (Employee)	7		Randy Brown - Supervise	or		-			REGULA VERTIME O. LIDAY/LEAV	T HOURS:	0.00

mployee #090299	Steven	W Betty			Week En	ding:	03/16/18				Page	1 of 3
Work Order #'s	PO Number	TE		Work Order Description	SAT	SUN	MON	TUE	WED	THU	FRI	
		Phase			3/10	3/11	3/12	3/13	3/14	3/15	3/16	TOTALS
R26-02B1.17-P-0004	5000069451	06		8", 6", 4" & FHs								0.00
R26-02B1.16-P-0006	5000087581	34	Semi Circ	de - 8", 6", 4" & FHs								0.00
R26-02B1.17-P-0016	5000084649	30	Paden La	ane - 6", 4" & FH				2.00	2.00	2.00	2.00	8.00
D26-0201-P-0532	5000090356	38		rdan Parkway - 12" Main & Stub-out								0.00
R26-02B1.17-P-0015	5000088705	35	Edgemor	Forrest Lane - 6" & 4" Mains & FHs								0.00
R26-02D1.17-P-0009	5000092370	42	ML King	Blvd Relocate 12" Main								0.00
R26-02A1.17-P-0003	5000092088	40	804 Rive	rfront Parkway - 6" Main & FH								0.00
D26-0201-P-0534	5000092694	43	Elam/Pub	olix - 8" Main & FH								0.00
D26-0201-P-0529	5000087236	32	Carnell C	ourt - 8" & 6" Main & FH								0.00
D26-0201-P-0533	5000097337	02	Dorchest	er Road - 4" Main								0.00
R26-02B1.18-P-0002	5000097615	03	Hanover	St 6" Main & Fh			6.00	2.00		2.00	3.00	13.00
R26-02D1.18-P-0008	5000090435	39	Camp Jo	rdan Parkway - Relocate 12"					2.00	2.00		4.00
	5000093510	****		Non-Work Order Related			2.00	4.00	4.00	2.00	3.00	15.00
	TOTAL	WORK C	RDER LA	ABOR	0.00	0.00	8.00	8.00	8.00	8.00	8.00	40.00
	PO Number	TE			SAT	SUN	MON	TUE	WED	THU	FRI	
Work Order #'s	PO Number	Phase		Mileage Description	3/10	3/11	3/12	3/13	3/14	3/15	3/16	TOTALS
R26-02B1.17-P-0004	5000069451	06	Cain Ave	e 8", 6", 4" & FHs					0/14	0710	0/10	0.00
R26-02B1.16-P-0006	5000087581	34		cle - 8", 6", 4" & FHs						-		0.00
R26-02B1.17-P-0016	5000084649	30		ane - 6", 4" & FH				19.00	14.00	26.00	29.00	88.00
D26-0201-P-0532	5000090356	38		rdan Parkway - 12" Main & Stub-out				10.00	14.00	20.00	23.00	0.00
R26-02B1.17-P-0015	5000088705	35		n Forrest Lane - 6" & 4" Mains & FHs								0.00
R26-02D1.17-P-0009	5000092370	42		Blvd Relocate 12" Main								0.00
R26-02A1.17-P-0003	5000092088	40	804 Rive	rfront Parkway - 6" Main & FH						-		0.00
D26-0201-P-0534	5000092694	43		blix - 8" Main & FH						-		0.00
D26-0201-P-0529	5000087236	32		Court - 8" & 6" Main & FH	1			-				0.00
D26-0201-P-0533	5000097337	02		ter Road - 4" Main	-							
R26-02B1.18-P-0002	5000097615	03		St 6" Main & Fh	1		25.00	21.00		16.00	22.00	0.00
R26-02D1.18-P-0008	5000090435	39		ordan Parkway - Relocate 12"	++		25.00	21.00	10.00	12.00	23.00	85.00
1125 025 1110 1 0000	5000093510	****		rk Order Related	1		45.00 T	20.00	19.00		10.00	31.00
market and the second			ROER MIL		A Service of Children	0.00	15.00	39.00	44.00	21.00	18.00	137.00
	IVIALI	WURK O	KENER DANS		0.00	0.00	40.00	79.00	77.00	75.00	70.00	341.00
The second secon			经 的产品的	THOMPSON DIRECT & INDIRI	ECT LABO	R	Service and a					
					SAT	SUN	MON	TUE	WED	THU	FRI	
PROJECT NAME	PROJECT#	PHASE	CLASS	DESCRIPTION	3/10	3/11	3/12	3/13	3/14	3/15	3/16	TOTAL
ennessee American Water	18-1109-0001	1			0.00	0.00	8.00	8.00	8.00	8.00	8.00	40.00
							Maria and America. Special Laborator S				THE RESERVE TO SECTION ASSESSMENT	0.00
												0.00
HOMPSON DIRECT LABOR	TOTAL				0.00	0.00	8.00	8.00	8.00	8.00	8.00	40.00
HOMESON DIRECT LABOR	TOTAL						THE RESERVE AND ADDRESS OF THE PARTY OF	AND USE ROLD THE GOTTER VINSA	O STATE OF THE PARTY OF THE PAR			
HOMPSON DIRECT LABOR	TOTAL			THOMPSON DIRECT PROJECT	TMILEAC	E			4年10月1日日本		and the latest telephone and te	0.00
POWPSON DIRECT EABOR	TOTAL			THOMPSON DIRECT PROJEC	MILEAC	iE .			A.Hallegan ene			0.00
18/24 17 A 16			0		MILEAC	E .			Assistantiae			0.00
	TOTALA		RDER MI	LEAGE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
THE COLUMN TWO IS NOT	TOTALA			LEAGE			0.00 8.00	0.00 8.00	0.00	0.00	0,00 8.00	0.00
ndirect Labor	TOTALA		RDER MI	LEAGE	0.00	0,00	With the second second second second	And the second second	A CONTRACTOR OF THE PERSON OF	Constitution of Street, Spring St.	SCHOOL STATE SECTIONS	0.00 0.00 40.00
ndirect Labor	TOTAL SUBT	OTAL DI	RDER MI	LEAGE	0.00	0,00	With the second second second second	And the second second	A CONTRACTOR OF THE PERSON OF	Constitution of Street, Spring St.	SCHOOL STATE SECTIONS	0.00 0.00 40.00 0.00
THE COLUMN TWO IS NOT	TOTALA SUBT 18-9999-0000	OTAL DI	RDER MI	EAGE BOR	0.00	0,00	With the second second second second	And the second second	A CONTRACTOR OF THE PERSON OF	Constitution of Street, Spring St.	SCHOOL STATE SECTIONS	0.00 0.00 40.00 0.00
ndirect Labor	TOTAL \ SUBT 18-9999-0000 18-9999-0004	999 999	RDER MI	Floating Holiday	0.00	0,00	With the second second second second	And the second second	A CONTRACTOR OF THE PERSON OF	Constitution of Street, Spring St.	SCHOOL STATE SECTIONS	0.00 0.00 40.00 0.00 0.00 0.00
ndirect Labor Idirect Labor Innual Leave	TOTAL \ SUBT 18-9999-0000 18-9999-0001 18-9999-0001 18-9999-0003	999 999 999 999	RDER MI	Floating Holiday Vacation New Years Day	0.00	0.00	8.00	8.00	8.00	8.00	8.00	0.00 0.00 40.00 0.00 0.00 0.00 0.00
ndirect Labor Idirect Labor Innual Leave	TOTAL \ SUBT 18-9999-0000 18-9999-0001 18-9999-0001 18-9999-0003	999 999 999 999	RDER MIR RECT LAI	Floating Holiday Vacation New Years Day ABOR:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00 0.00 40.00 0.00 0.00 0.00 0.00 0.00
ndirect Labor ndirect Labor nnual Leave Ioliday Leave	TOTAL\ SUBT 18-9999-0000 18-9999-0004 18-9999-0001 18-9999-0003 SUBTO	OTAL DI 999 999 999 999 TALS INE	RDER MIR RECT LAI	Floating Holiday Vacation New Years Day ABOR:	0.00	0.00	8.00	8.00	8.00	8.00	8.00	0.00 0.00 40.00 0.00 0.00 0.00 0.00
ndirect Labor ndirect Labor nnual Leave oliday Leave	TOTAL\ SUBT 18-9999-0000 18-9999-0004 18-9999-0001 18-9999-0003 SUBTO	OTAL DI 999 999 999 999 TALS INE	RDER MIR RECT LAI	Floating Holiday Vacation New Years Day ABOR:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00 0.00 40.00 0.00 0.00 0.00 0.00 0.00
idirect Labor idirect Labor innual Leave oliday Leave	TOTAL \ SUBT 18-9999-0000 18-9999-0001 18-9999-0001 18-9999-0003	OTAL DI 999 999 999 999 TALS INE	RDER MIR RECT LAI	Floating Holiday Vacation New Years Day ABOR:	0.00	0.00	0.00	0.00	0.00	0.00	0.00 8.00 R HOURS:	0.00 0.00 40.00 0.00 0.00 0.00 0.00 40.00

mployee #090299	Steven	W Betty	/		Week Er	nding:	03/23/18				Page	1 of 3
Work Order #'s	PO Number	TE		Work Order Description	SAT	SUN	MON	TUE	WED	THU	FRI	
R26-02B1.17-P-0004	5000000454	Phase	0-1- 0		3/17	3/18	3/19	3/20	3/21	3/22	3/23	TOTALS
R26-02B1.17-P-0004	5000069451	06		8", 6", 4" & FHs	-							0.00
R26-02B1.17-P-0016	5000087581	30		cle - 8", 6", 4" & FHs								0.00
D26-0201-P-0532	5000084849	38		ane - 6", 4" & FH	-		2.00	3.00		2.00	2.00	9.00
R26-02B1.17-P-0015	5000090336	35		rdan Parkway - 12" Main & Stub-out			-					0.00
R26-02D1.17-P-0009	5000088703	42		Forrest Lane - 6" & 4" Mains & FHs Blvd Relocate 12" Main					3.00			3.00
120-0201.17-1-0003	3000032370	42	IVIL KING	Bivd Relocate 12 Main	-		-					0.00
D26-0201-P-0534	5000092694	43	Elam/Dul	olix - 8" Main & FH			-					0.00
D26-0201-P-0529	5000092694	32	Assessment of the latest terminate of the latest termi	Court - 8" & 6" Main & FH	-		-					0.00
D26-0201-P-0533	5000087238	02	THE RESIDENCE AND ADDRESS OF THE PARTY OF TH	er Road - 4" Main	-		-					0.00
R26-02B1.18-P-0002	5000097337	02			-				1.00	4.00		5.00
R26-02D1.18-P-0008	5000097615	39		St 6" Main & Fh	+		3.00	3.00	2.00	2.00	2.00	12.00
R20-02D1.10-P-0008	5000090435	****	Camp Jo	rdan Parkway - Relocate 12"								0.00
Mark Commence			No. line une product & U.S.	Non-Work Order Related		management territoria	3.00	2.00	2.00		4.00	11.00
	TOTAL	The same of the same	MUENLA	BUK	0.00	0.00	8.00	8.00	8.00	8.00	8.00	40.00
Work Order #'s	PO Number	Phase		Mileage Description	SAT	SUN	MON	TUE	WED	THU	FRI	
R26-02B1.17-P-0004	5000069451	06	Coin A	e 8", 6", 4" & FHs	3/17	3/18	3/19	3/20	3/21	3/22	3/23	TOTALS
R26-02B1.17-P-0004	5000089451	34			-							0.00
R26-02B1.17-P-0016	5000087581	30		cle - 8", 6", 4" & FHs								0.00
D26-0201-P-0532	5000084649	38		ane - 6", 4" & FH	-		32.00	36.00		35.00	31.00	134.00
R26-02B1.17-P-0015	5000090356	35		rdan Parkway - 12" Main & Stub-out	-							0.00
R26-02D1.17-P-0009	5000092370			Forrest Lane - 6" & 4" Mains & FHs	-				31.00			31.00
R20-02D1.17-P-0009	5000092370	42	IVIL King	Blvd Relocate 12" Main	-							0.00
D26-0201-P-0534	5000092694	10	F1 (D.)	W. OUBBACK OF FILE	-							0.00
D26-0201-P-0529	5000092694	43	-	blix - 8" Main & FH	-							0.00
D26-0201-P-0529		32		Court - 8" & 6" Main & FH								0.00
R26-0201-P-0533	5000097337	02		er Road - 4" Main	-				12.00	21.00		33.00
R26-02D1.18-P-0008	5000097615	39		St 6" Main & Fh			26.00	31.00	22.00	29.00	22.00	130.00
N20-02D1.10-P-0000		****		rdan Parkway - Relocate 12"								0.00
puried and an experience	5000093510			k Order Related		A Anna Name of the lates of the	22.00	21.00	19.00		28.00	90.00
the first of the f	TOTAL	NORK O	RDER MIL	EAGE	0.00	0.00	80.00	88.00	84.00	85.00	81.00	418.00
				THOMPSON DIRECT & INDIR	ECT LABO	R					One being the server	
					SAT	SUN	MON	TUE	WED	THU	FRI	SALES CONTRACTOR OF THE PARTY
PROJECT NAME	PROJECT#	PHASE	CLASS	DESCRIPTION	3/17	3/18	3/19	3/20	3/21	3/22	3/23	TOTAL
ennessee American Water	18-1109-0001	1			0.00	0.00	8.00	8.00	8.00	8.00	8.00	40.00
									-			0.00
												0.00
HOMPSON DIRECT LABOR	TOTAL				0.00		8.00	8.00	8.00	8.00	8.00	40.00
				TEG MESONE DIRECT PROJE	CT MILEAC	de	V. 7		Victoria di			
												0.00
			0									0.00
1.0	TOTAL	NORK O	RDER MIL	EAGE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SUBT	OTAL DI	RECTLA	BOR	0.00	0.00	8.00	8.00	8.00	8.00	8.00	40.00
direct Labor	18-9999-0000	999								Marylan C. L. C. Balleton	100000000000000000000000000000000000000	0.00
ndirect Labor	18-9999-0004	999		Floating Holiday								0.00
nnual Leave	18-9999-0001	999		Vacation								0.00
oliday Leave	18-9999-0003	999		New Years Day								0.00
	SUBTO	TALS INC	IRECT LA	ABOR:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
							The same of the same of	0.00	0.00	0.00	0.00	0.00
				Manch Brown	s 0.00	0.00	8.00	8.00	8.00	8.00	8.00	40.00
<=>+	w. Bette	-		vauch Moure					The state of the s	REGULA	R HOURS:	40.00
Steven	0	+	>) /						VERTIME O		
Steven W Be	etty (Employee)		-	Randy Brown - Supervis	or		-			VERTIME O		0.00

mployee #090299	Steven	W Betty			Week En	ding:	03/30/18	COLUMN TO STATE OF THE STATE OF	0.00-20-10-10-10-10-10-10-10-10-10-10-10-10-10	29-107-20-21-21-17-17-17-17-17-17-17-17-17-17-17-17-17	Page	1013
											7 184	
	DO Number	TE	*# CONTRACTOR OF THE PARTY OF T	Work Order Description	SAT	SUN	MON	TUE	WED	THU	FRI	TOTALO
Work Order #'s	PO Number	Phase			3/24	3/25	3/26	3/27	3/28	3/29	3/30	TOTALS
R26-02B1.17-P-0004	5000069451			- 8", 6", 4" & FHs				-			-	0.00
R26-02B1.16-P-0006	5000087581			le - 8", 6", 4" & FHs				0.00		-		5.00
R26-02B1.17-P-0016	5000084649			ne - 6", 4" & FH			2.00	3.00				0.00
D26-0201-P-0532	5000090356			dan Parkway - 12" Main & Stub-out						-		0.00
R26-02B1.17-P-0015	5000088705		0	Forrest Lane - 6" & 4" Mains & FHs						0.00	2.00	5.00
D26-0201-P-0537	5000101005	06	River Gor	ge 7					0.00	2.00	3.00	
R26-02D1.18-P-0005	5000101092	07	Swan RD					1.00	2.00	2.00	3.00	8.00
D26-0201-P-0534	5000092694			lix - 8" Main & FH								0.00
D26-0201-P-0529	5000087236	32	Carnell C	ourt - 8" & 6" Main & FH								0.00
R26-02D1.18-P-0004	5000101162		Somerville						2.00			2.00
R26-02B1.18-P-0002	5000097615	03	Hanover:	St 6" Main & Fh			3.00	2.00	2.00	2.00		9.00
R26-02D1.18-P-0008	5000090435	39	Camp Joi	dan Parkway - Relocate 12"								0.00
	5000093510	****		Non-Work Order Related			3.00	2.00	2.00	2.00	2.00	11.00
	TOTAL	WORK O	RDER LA	BOR	0.00	0.00	8.00	8.00	8.00	8.00	8.00	40.00
HENRY DESIGNATION OF THE PERSON OF THE PERSO		TE	With the second second		SAT	SUN	MON	TUE	WED	THU	FRI	
Work Order #'s	PO Number	Phase		Mileage Description	3/24	3/25	3/26	3/27	3/28	3/29	3/30	TOTALS
R26-02B1.17-P-0004	5000069451	06	Cain Ave	8", 6", 4" & FHs								0.00
R26-02B1.17-P-0004	5000087581	34		cle - 8", 6", 4" & FHs								0.00
R26-02B1.17-P-0016	5000087381	30		ane - 6", 4" & FH			32.00	36.00				68.00
	5000090356	38		rdan Parkway - 12" Main & Stub-out								0.00
D26-0201-P-0532	5000088705	35		Forrest Lane - 6" & 4" Mains & FHs								0.00
R26-02B1.17-P-0015	500008705	06	River Go		1					21.00	23.00	44.00
D26-0201-P-0537	THE REAL PROPERTY AND ADDRESS OF THE PERSON NAMED AND ADDRESS	07	Swan RE		1				22.00	25.00	29.00	76.00
R26-02D1.18-P-0005	5000101092	43		blix - 8" Main & FH	1		—					0.00
D26-0201-P-0534	5000092694			Court - 8" & 6" Main & FH	+		 					0.00
D26-0201-P-0529	5000087236	32	Somervil		+				19.00			19.00
R26-02D1.18-P-0004	5000101162	80		St 6" Main & Fh	-		26.00	31.00	22.00	26.00		105.00
R26-02B1.18-P-0002	5000097615	39		ordan Parkway - Relocate 12"	-	-	20.00	01.00			1	0.00
R26-02D1.18-P-0008	5000090435	****		rk Order Related	+		1 22.00	21.00	19.00	14.00	17.00	93.00
R26-02D1.18-P-0004	5000101162				0.00	0.00	80.00	88.00	82.00	86.00	69.00	405.00
	TOTAL	WORK O	RDER MI		da. topos and constitution	a macronimicana	1 00.00	1 40.00	STATE OF THE PARTY	2 2 2 2 4 1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M 1		
				THOMPSON DIRECT & INDIR			MON	TUE	WED	THU	FRI	
					SAT	SUN			3/28	3/29	3/30	TOTAL
PROJECT NAME	PROJECT #		CLASS	DESCRIPTION	3/24	3/25	3/26	3/27	8.00	8.00	8.00	40.00
ennessee American Water	18-1109-0001	1			0.00	0.00	8.00	8.00	8.00	0.00	0.00	0.00
						-	-	-	-	-	-	0.00
					0.00	0.00	0.00	0.00	8.00	8.00	8.00	40.00
THOMPSON DIRECT LABOR	R TOTAL				0.00	0.00	8.00	8.00	1 8.00	0.00	0.00	40.00
				THOMPSON DIRECT PROJE	CIMILEA	GE	MARKET STATE	T				T 0.00
and the same of th						-		-	-	-	-	0.00
MARKET BY THE REAL PROPERTY OF THE PARTY OF			0								is possessed as	
	TOTAL	WORK O	RDER M	LEAGE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SUB	TOTAL D	RECTLA	BOR	0,00	0.00	8.00	8.00	8.00	8.00	8.00	40.00
Indirect Labor	18-9999-0000	999				-		-	1		-	0.00
Indirect Labor	18-9999-0004	999		Floating Holiday							-	0.00
Annual Leave	18-9999-0001	999		Vacation							-	0.00
Holiday Leave	18-9999-0003	999		New Years Day								0.00
		TALS IN	DIRECT	ABOR:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
				7 TOTAL HOU	RS 0.00	0.00	8.00	8.00	8.00	8.00	8.00	40.0
	_			Do - From	Deliver and Delive	AND DESCRIPTION OF THE PARTY OF	NAME OF TAXABLE PARTY.		-	PEGIII	LAR HOUR	S: 40.00
	1 R R	800		hance .						KEGUI	LAN HOUR	
C+.	100- 000	-1-										
Steven	500- 000	2		Panch Brown - Superv						OVERTIME OLIDAY/LE		

INVOICE FROM:

ESLINGER CONTRACTING CO., INC.

4849 Cloud Springs Rd.

Ringgold, Ga. 30736

(706) 891-0001

Vendor

102423

Invoice number

15372 Date

3/15/2018

Purchase Order

5000097612

PROJECT: Hanover Street - Install 615'-6" Main & 1 Fire

Hydrant from Hixson Pike to Barton Ave

Job Description

E-mail

GRADY.STOUT@AMWATER.COM

10	5000097612 Pipe Install Labor	\$ 11,165.00
20	5000097612 Paving	8,757.00
30	5000097612 Landscaping	-
40	5000097612 Materials	\$ -

Total \$ 19,922.00

WE 1006261273 WE 1006261274 INVOICED 5000097612

ESLINGER CONTRACTING CO., INC.

4849 Cloud Springs Rd.

Ringgold, Ga. 30736

(706) 891-0001

ACCOUNTING INFORMATION

WBS# R26-02B1.		
PO#	5000097612	

PROJECT: Hanover Street - Install 615'-6" Main & 1 Fire Hydrant from Hixson Pike to Barton	PROJECT:	Hanover Street	- Install 615'-6'	' Main & 1 Fire F	lydrant from Hix	son Pike to Barton A
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TO: Tennessee American Water

P.O. Box 5608

Cherry Hill, NJ 08034

For Period From:

3/1/2018

TO 3/15/2018

ECC Inv. #: Invoice Date:

15372 3/15/2018

GRADY.STOUT@AMWATER.COM

CON	TRACTES	TIMATE			PAY QUANTITIES						
ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT	PREVIOUS ESTIMATE	THIS ESTIMATE	TOTAL TO DATE	AMOUNT DOLLARS / CENTS			
EXCAVATE & LAYING 4" DI *		L.F.	\$16.25	\$ -			0	\$0.00			
EXCAVATE & LAYING 6" DI*	615	L.F.	\$18.25	\$ 11,223.75	60	320	380	\$6,935.00			
EXCAVATE & LAYING 8" DI*		L.F.	\$17.50	\$ -			0	\$0.00			
SPECIAL BOX CULVERT X-ING		L.S	\$5,325.00	\$ -		1	1	\$5,325.00			
FH INSTALLATION AS MAIN LAID	1	EA.	\$825.00	\$ 825.00	1		1	\$825.00			
WET TAP	2	EA.	\$900.00	\$ 1,800.00	1		1	\$900.00			
ROCK EXCAVATION		C.Y.	\$185.00	\$ -			0	\$0.00			
EXTRA DEPTH	75	FT./FT.	\$3.00	\$ 225.00			0	\$0.00			
SERVICE TRANSFERS(3' PAVE)	9	EA.	\$675.00	\$ 6,075.00			0	\$0.00			
SERVICE TRANSFERS-2"	1	EA.	\$750.00	\$ 750.00			0	\$0.00			
CROSS TIE TO SMALL MAIN		EA.	\$1,275.00	\$ -			0	\$0.00			
TRAFFIC CONTROL	4	EA.	\$150.00	\$ 600.00			0	\$0.00			
INS 4" OR LARGER TEE & VLV		EA.	\$145.00	\$ -			0	\$0.00			
BLOW OFF INSTALLATION		EA.	\$145.00	\$ -			0	\$0.00			
PIPE CUTTING	5	EA.	\$75.00	\$ 375.00	2		2	\$150.00			
KILL OLD MAIN		EA.	\$1,175.00	\$0.00			0	\$0.00			
72141121 Pipe Install Labor				\$21,873.75	7			\$14,135.00			
GRANULAR BACKFILL	15	TON	\$30.00	\$ 450.00			0	\$0.00			
FLOWABLE BACKFILL	103	C.Y.	\$210.00	\$ 21,630.00	8.3	41.7	50	\$10,500.00			
MILL & PAVE ASPHALT	2040	L.F.	\$8.75	\$ 17,850.00			0	\$0.00			
LANE PAVING	515	L.F.	\$45.50	\$ 23,432.50			0	\$0.00			
ASPHALT ON FLOWABLE		L.F.	\$19.00	\$ -			0	\$0.00			
REPLACE CONCRET SIDEWALK		S.F.	\$10.00	\$ -			0	\$0.00			
REPLACE 8" DRIVES		S.F.	\$13.50	\$ -			0	\$0.00			
72141105 Pipe Restor.Paving				\$63,362.50				\$10,500.00			
SEEDING, STRAW, MULCHING		L.F.	\$5.25	\$ -			0	\$0.00			
EROSION CONTROL		EA.	\$1.00	\$ -			0	\$0.00			
72141102 LANDSCAPE REST.				\$ -				\$0.00			
MATERIAL		EA.	\$1.00	\$ -			0	\$0.00			
MATERIAL		EA.	\$1.00	\$ -			0	\$0.00			
MATERIAL		EA.	\$1.00	\$ -			0	\$0.00			
30191801 PIPE MATERIAL				\$ -				\$0.00			
		TOTAL		\$85,236.25				\$24,635.00			

*varies per project (ft/developed)

ESTIMATE SUBMITTED

ESTIMATE CHECKED. .INSPECTOR

ESTIMATE APPROVED...

ONTRACTOR

.....ENGINEER

TOTAL TO DATE LESS PREVIOUS PAYMENTS

2) 3)

ESTIMATE NO.

1)

19,922.00

4,713.00

AMT. OF ESTIMATE

4) 5)

24,635.00 \$4,713.00

Partial Invoice

PAY THIS AMOUNT

\$ 19,922.00

Eslinger Contracting Company, Inc Stone Ticket Tonnage for TAWC Projects

Date: 3/15/2018

Job: Hanover Street

WBS #: R26-02B1.18-P-0002

ECC Inv. #: 15372

Vulcan Ticket #'s	Tons		
4263532	0.00	Dust w/ Flowable	
4263632	0.00	Dust w/ Flowable	
4263712	0.00	Dust w/ Flowable	

Line Total Tons =

0

0

Reference Only

Flowable Backfill Tickets

TNT # 9486	6.1 CY
TNT # 9488	12.1 CY
TNT # 9495	10.4 CY
TNT # 9053	13.1 CY
TNT#	CY

Total =

41.7 CY

WE 1006261273
WE 1006261274
PO 5000097612

TNT Concrete LLC

996 County Road 20 Calhoun, TN 37309

09486

	(423) 648-2813		
Date: 3/05	18		
Sold to: Es/1	uger Const.		
Address: Ho	1/8 WOVEr		
METER READING	G-END		
METER READING	G-START		
UNITS DELIVERE	D		
QUANTITY	DESCRIPTION	PRICE	AMOUNT
6.1485.	Flowaple Fil	//	
		TAX	

Purchaser assumes full responsibility for strength, sump, and quality of concrete when additional water or other material is requested on job.

I, the undersigned, will assume all responsibility for any damages where delivery is made inside of the curb.

Signature: ///

f Haron

TOTAL



TNT Concrete LLC

996 County Road 20 Calhoun, TN 37309 (423) 648-2813 09488

2/11	10		
Date: 2/06	18 Leger Const. Jover St.	. ,	
Sold to: \[\sum_S \]	Mger CONSI		
Address: Ha	vover St.		
METER READING	-END		
METER READING	-START		
UNITS DELIVERE	D		
QUANTITY	DESCRIPTION	PRICE	AMOUNT
12.1vds.	Flowable F.	//	
		,	
	~	TAX	
		TOTAL	

Purchaser assumes full responsibility for strength, slump, and quality of concrete when additional water or other material is requested on job.

I, the undersigned, will assume all responsibility for any damages where delivery is made inside of the curbs //

Signature:



TNT Concrete LLC

996 County Road 20 Calhoun, TN 37309 (423) 648-2813 09495

Date: 3/09/	18		
Sold to: Eslin	18 ger Consti Nover St-		
Address: Ha	wover St-		
METER READING	-END		
METER READING	-START		
UNITS DELIVERE	D		
QUANTITY	DESCRIPTION	PRICE	AMOUNT
10.44ds.	Flowable F.	'//	
			AND DESCRIPTION OF THE PARTY OF
		TAX	
		TAX	

Purchaser assumes full responsibility for strength, slump, and quality of concrete when additional water or other material is requested on job.

I, the undersigned, will assume all re	esponsibility f	or any damage	es where delivery i
made inside of the earth/			
8 111			

Signature:	m	



TNT Concrete LLC

996 County Road 20 Calhoun, TN 37309 (423) 648-2813 09053

Odiloi	(423) 646-2815	
Date: B ~	15-18	
Sold to:	15-18 Slinger Hanover	
Address:	Hanover	
METER READING	G-END	
	G-START	
	D	
QUANTITY	DESCRIPTION PRICE	AMOUNT
13.1405	Flow Fill	
	TAX	
V	TOTAL	
Purchaser assumowhen additional v	es full responsibility for strength, slump, and ovater or other material is requested on job.	quality of concrete
I, the undersigned made inside of the	d, will assume all responsibility for any damage	es where delivery is
Signature:	\sqrt{V}	

Eslinger Contracting Company - Reference Sheeet REFERENCE BACKUP INFO

Price

-		
/ E		

Tennessee American Water Company

Qty. Unit

1500 Riverside Drive

Chattanooga, TN 37406

ECC Job #:

10810

Date of Billing:

3/15/2018

ECC Reference Inv. #:

Description

15372

Total

Work to Make Special Box Culvert Crossing
On Hanover Street Using Casing in Roof of Concrete.

			LABOR	
1.5	Hour	\$50.00	Supervisor w/ Truck	\$75.00
22	Hour	\$38.00	Forman and/or Operator	\$836.00
20	Hour	\$26.50	Truck Driver	\$530.00
41.5	Hour	\$23.50	Labor	\$975.25
			EQUIPMENT	
22	Hour	\$16.00	Job Trucks w/ Small Tools	\$352.00
9	Hour	\$43.50	Single-Axle Dump Truck & Trailer	\$391.50
4.5	Hour	\$45.00	Rubber Tired Backhoe	\$202.50
13	Hour	\$68.50	Track- Hoe, 80 Class	\$890.50
			NA A TOTAL DA A A	
	mt t	Φ20000	MATERIAL	#200
1	Ticket	\$300.00	Williams # 6182	\$300.00
1	Ticket	\$300.00	Consolidated Pipe # 2981529-000-000	\$300.00
1	Ticket	\$38.63	Lowe's # 32463313	\$38.63
1	Ticket	\$285.88	Sequatchie Concrete # 789044-IN	\$285.88
				\$0.00
				\$0.00
1	Material	Sub Total:	\$924.51	
1	LS	\$92.45	10% on Above Material	\$92.45
1	LS	\$85.52	9.25% TN Sales Tax on Above Material	\$85.52
1	LS	(\$27.75)	Tax Credit on Williams Saw Cutting	(\$27.75)

Total Amount:

\$5,327.48

TOTAL DUE (Rounded):

\$5,325.00

Eslinger Contracting Company, Inc.

Labor & Equipment Hourly Breakdown

Date: 3

3/15/2018

Job: Hanover - Box Culvert

WBS #: R26-02B1.18-P-0002

ECC Inv. #: 15372

	Superv.	Operator	T. Driver	Labor		2-Ton	Skid		S/A Dump	T/A Dump	80 Class	200 Class	
Date	w/Truck	Regular	Regular	Regular	Job Truck	Job Truck	Steer	RTBH	Truck		Track Hoe		
UCC							AND REAL PROPERTY OF THE PERSON NAMED IN COLUMN 1		AND THE CONTRACTOR OF THE CASE	THE RESERVE THE PROPERTY OF TH	AND CONTRACTOR ASSESSMENT OF THE PARTY OF TH		
3/7		10	10	19.5	10			4.5	5		5		
3/8		8	8	16	8				2		4		
3/9		2		2	2						2		
3/13		2	2	4	2				2		2		
ECC													
All	1.5												
Totals:	1.5	22	20	41.5	22	0	0	4.5	9	0	13	0	0
ECC	1.5												
UCC	0	22	20	41.5	22	0	0	4.5	9	0	13	0	0



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DAILY TIME SHEET

			DÀY 2	Director	
			DATE	Tuesday	3-12-18
				/	
LAE	BOR				
START	TIME PM	QUIT AM	TIME	TOTAL HOURS	REMARKS
	,			2	
			7	2	
				2	
				1/2	TOTAL
EQUIP	MENT				TOTAL DIME
		EQUIP.	# # H(OURS	REMARKS
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	EQUIPI ERK ACOM	LABOR START TIME PM BOTH PM	LABOR START TIME QUIT AM PM AM EQUIPMENT EQUIPMENT EQUIP ERK ACOMPLISHED	LABOR START TIME QUIT TIME AM PM EQUIPMENT EQUIPMENT EQUIP. # #HO	DAY Decodary DATE The Day LABOR START TIME QUIT TIME TOTAL HOURS AM PM AM PM HOURS 2 2 2 2 4 2 4 2 4 2 4 4 4 4 6 7 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8

Williams Concrete Cutting Services, LLC PO Box 8858 Chattanooga, TN 37414 423-954-2787 williamscutting@gmail.com



Invoice

Eslinger Contracting 4849 Cloud Springs Road Ringgold, GA 30736

AVCIGE#	DATE		DUEUATE	TEF5/IS ENOLOSED
6182	03/12/2018	\$300.00	04/11/2018	Net 30

V.V.				i
P.O. NUMBER Vault Cut	TECHNICIAN Troy		LOCATION Riverview, N. Chat	t Hanover
AGTIVITY		OTY	RATE	TINUOMA
05 Slabsaw- Concrete: A total feet of 15" thick concrete 42" thick blade.		40	0.00	0.00
10 Note two technicians furni	shed	1	0.00	0.00
12 TOTAL:		1	300.00	300.00
14:14 A Job ordered and approved by: Travis and Ray	d at completion	1	0.00	0.00
Thank you for your business!		BALA	NCE DUE	\$300.00

WE 1006261273 WE 1006261274 PO 5000097612 Consolidated Pipe & Supply Co., Inc.

SOLD TO:

INVOICE DATE

3/05/2018

INVOICE NUMBER 2981529-000-000

> PAGE 1 of 1

1332 STUART ST. CHATTANOOGA

TN 37406

Fax / Email Copy

Account No. 295317

ESLINGER CONTRACTING 4849 CLOUD SPRINGS R

ESLINGER CONTRACTING

RINGGOLD

GA 30736

4849 CLOUD SPRINGS R

SHIP TO:

JOB:

STOCK

RINGGOLD	GA 30736	JOB. DIOCIC		
Customer Order No. HANDOVER		Terms of Sale Ship Via NET 30 WILL CALL		
PREPAID	F.O.B. SHIPPING POINT	Ship Date Ship From 3/02/2018 CPS-CHATTANOOGA		
Line No. Ordered Shipped Back Ordered			Unit Price Per	
1 20.0 Shipped Back Ordered 1 20.0	635055 10-3/ CASIN	4 OD .250 STRUCTURAL G 20NM BXS SALES TAX - GEORGIA Y SALES TAX- CATOOSA LSE	Unit Price Per 1500.00 CFT	300.00 12.00 9.00
This Sale is Governed by Consolidated Pipe & Supply's terms &	conditions of sale found at www.Cor	nsolidatedpipe.com	Invoice Amount	321.00



LOWE'S HOME CENTERS, LLC 2180 GUNBARREL RD. CHATTANOOGA, TN 37421 (423) 954-2400

- SALE -

SALES#: S0425LE1 1868828 TRANS#: 32463313 03-07-18

13617	GREAT	STUFF 12-FL	OZ GAP/	12.09
	4.25	DISCOUNT	EACH	-0.22
		3 @		
468972	5/4-6-	8 PREMIUM DI	ECKING	6.34
		DISCOUNT		-0.33
468930	2-4-8	TOP CHOICE	TREATED	17.96
	4.73	DISCOUNT	EACH	-0.24
		4 @	4.49	
635539	5/8-5-	1/2-8 DE PT	PICKET	2.24
	2.32	DISCOUNT	EACH	-0.08

SUBTOTAL: 38.63 TAX: 3.57

INVOICE 24674 TOTAL: 42.20 LCC: 42.20

TOTAL DISCOUNT: 2.03

LCC:XXXXXXXXXXXX2924 AMOUNF:42.20 AUTHCD:000400 SWIPED REFID:803338 03/07/18 17:54:37

LBA/PO: NO

STORE: 0425 | TERMINAL: 24 | 03/07/18 17:55:42 | # OF ITEMS PURCHASED:

EXCLUDES FEES, SERVICES AND SPECIAL ORDER ITEMS



THANK YOU FOR SHOPPING LOWE'S.
SEE REVERSE SIDE FOR RETURN POLICY.
STORE MANAGER: DUSTY MULLINS

LOWE'S PRICE MATCH GUARANTEE
FOR MORE DETAILS, VISIT LOWES.COM/PRICEMATCH



Sequatchie Concrete Service, Inc. P.O. Box 129 South Pittsburg, TN 37380 (423) 837-7913

Plant: 214

Sold To:

ESLINGER CONTRACTING CO INC 4849 CLOUD SPRINGS RD RINGGOLD, GA 30736

Invoice

CUSTOMER NO.	DATE	INVOICE NO.	PAGE
00-0001844	03/13/2018	0789044-IN	i

TERMS: 1% 10th of the Month

DUE: 04/10/2018

A discount will be applied in the amount of \$2.86if the invoice is paid on or before 04/10/2018

Ship To:

ESLINGER CONTRACTING CO INC 1301 HANOVER ST

JOB: 8	JOB	NAME: 13	01 HAN	OVER ST	PO:	1	
DATE	TICKET NO.	QUANTITY	UNIT	ITEM CODE	DESCRIPTION	PRICE	AMOUNT
03/13/2018	123303	1.25	CY	EXC50	5000 PSI CONCRETE EXT	128.00	160.00
03/13/2018	123303	1.25	PY	RS-FIBERMICROBU(MICROFIBER BUCKEYE MONOFILAMEN	5.50	6.88
03/13/2018	123303	1.00	EA	SC-ENVIRONMENTA	ENVIRONMENTAL FEE READY MIX	4.00	4.00
03/13/2018	123303	1.00	EA	SC-FUELSURCHARG	FUEL SURCHARGE RMX	15.00	15.00
03/13/2018	123303	1.00	EA	SC-LESSTHAN5YD	LESS THAN MINIMUM QTY RMX	100.00	100.00

\		
<u>Item Recap:</u>		
1.25	EXC50	5000 PSI CONCRETE EXT
1.25	RS-FIBERMICROBL	MICROFIBER BUCKEYE MONOFILAM
1.00	SC-ENVIRONMENT	ENVIRONMENTAL FEE READY MIX
1.00	SC-FUELSURCHAR	FUEL SURCHARGE RMX
1.00	SC-LESSTHAN5YD	LESS THAN MINIMUM QTY RMX

Net Invoice:	285.88
Less Discount:	0.00
Freight:	0.00
Sales Tax:	26.44
Invoice Total	312.32





WATER . SEWER . TELEPHONE . GAS

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DAILY TIME CHEET

	DAILY III		IEEI			
EMAN Trais Anderson	***************************************			DÀY _	werdan	/
ATION Handrer St					3-1-18	
3#						
	LAE	BOR				
NAME	START	TIME PM	QUIT AM	TIME	TOTAL	
Travis					10	
Matt					8	*
Michael F				,	2	
Alvin					10	
					10	
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	EQUIP	MENT				
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WATER . SEWER

• TELEPHONE •

GAS

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START	BOR		DATE _	3-8-18	
LAE	BOR TIME	QUIT	DATE _	3-8-18	
LAE	BOR TIME	QUIT	TIME		
LAE	TIME	1	1	·	
LAE	TIME	1	1		
START	TIME	1	1		
1		1	1	TO	
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4849 CLOUD SPRINGS RD. • RINGGOLD, GA. 30736 • 891-0001

DAILY TIME SHEET

OCATION Honover St.						
ATION Herover St.				DATE _	Friday	
#						
		BOR				
NAME	START	TIME PM	QUIT	TIME PM	TOTAL HOURS	REMARKS
Travis					3	
Alura					2	
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						William Commission of the Comm
	EQUIP	MENT				
TYPE			EQUIP.	# # H	OURS	REMARKS
TH					7	
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	ORK ACO					
Formed & Found around	Casing	12	olver	1		

INVOICE FROM:

ESLINGER CONTRACTING CO., INC.

- 7

4849 Cloud Springs Rd.

Ringgold, Ga. 30736

(706) 891-0001

Vendor

102423

Invoice number

15399 Date

4/15/2018

Purchase Order

Job Description

5000097612

PROJECT: Hanover Street - Install 615'-6" Main & 1 Fire

Hydrant from Hixson Pike to Barton Ave

E-mail

GRADY.STOUT@AMWATER.COM

10 20	5000097612 Pipe Install Labor 5000097612 Paving	\$ \$	- 26,227.25
30	5000097612 Landscaping	\$	_
40	5000097612 Materials	\$	-

Total \$ 26,227.25

WE 1006261276

INVOIGE 9080097512

ESLINGER CONTRACTING CO., INC.

4849 Cloud Springs Rd.

Ringgold, Ga. 30736

(706) 891-0001

ACCOUNTING INFURING HON

WBS# R26-02B1.18-P-0002		
PO #	5000097612	

PROJECT:	Hanover Street	- Install 615'-6"	Main & 1 F	Fire Hydrant f	from Hixson	Pike to	Barton Ave
----------	-----------------------	-------------------	------------	----------------	-------------	---------	-------------------

TO: Tennessee American Water

P.O. Box 5608

Cherry Hill, NJ 08034

For Period From:

4/1/2018

TO 4/15/2018

ECC Inv. #: Invoice Date:

15399 4/15/2018

GRADY.STOUT@AMWATER.COM

CONTRACT ESTIMATE					PAY QUANTITIES			
ITEM	QUANTITY	UNIT	UNIT	AMOUNT	PREVIOUS	THIS	TOTAL	AMOUNT
			PRICE		ESTIMATE	ESTIMATE	TO DATE	DOLLARS / CENTS
TRENCH IN SERVICE LINE		L.F.	\$12.75	\$ -	7		7	\$89.25
EXCAVATE & LAYING 6" DI*	615	L.F.	\$18.25	\$ 11,223.75	516		516	\$9,417.00
EXCAVATE & LAYING 8" DI*		L.F.	\$17.50	\$ -			0	\$0.00
SPECIAL BOX CULVERT X-ING		L.S	\$5,325.00	\$ -	1		1	\$5,325.00
FH INSTALLATION AS MAIN LAID	1	EA.	\$825.00	\$ 825.00	1		1	\$825.00
WET TAP	2	EA.	\$900.00	\$ 1,800.00	1		1	\$900.00
ROCK EXCAVATION		C.Y.	\$185.00	\$ -			0	\$0.00
EXTRA DEPTH	75	FT./FT.	\$3.00	\$ 225.00			0	\$0.00
SERVICE TRANSFERS(3' PAVE)	9	EA.	\$675.00	\$ 6,075.00	9		9	\$6,075.00
SERVICE TRANSFERS-2"	1	EA.	\$750.00	\$ 750.00	1		1	\$750.00
CROSS TIE TO SMALL MAIN		EA.	\$1,325.00	\$ -	1		1	\$1,325.00
TRAFFIC/PEDESTRIAN CONTROL	4	EA.	\$150.00	\$ 600.00	4		4	\$600.00
INS 4" OR LARGER TEE & VLV		EA.	\$150.00	\$ -	1		1	\$150.00
BLOW OFF INSTALLATION		EA.	\$145.00	\$ -	1	V	1	\$145.00
PIPE CUTTING	5	EA.	\$75.00	\$ 375.00	9		9	\$675.00
UNCOVER AND CLEAN OUT VB		EA.	\$150.00	\$ -	1		1	\$150.00
KILL OLD MAIN		EA.	\$1,175.00	\$0.00			0	\$0.00
72141121 Pipe Install Labor				\$21,873.75				\$26,426.25
GRANULAR BACKFILL	15	TON	\$30.00	\$ 450.00			0	\$0.00
FLOWABLE BACKFILL	103	C.Y.	\$210.00	\$ 21,630.00	89.5		89.5	\$18,795.00
MILL & PAVE ASPHALT	2040	L.F.	\$8.75	\$ 17,850.00		127	127	\$1,111.25
LANE PAVING	515	L.F.	\$45.50	\$ 23,432.50		552	552	\$25,116.00
ASPHALT ON FLOWABLE		L.F.	\$19.00	\$ -			0	\$0.00
REPLACE CONCRET SIDEWALK		S.F.	\$10.00	\$ -			0	\$0.00
REPLACE 8" DRIVES		S.F.	\$13.50	\$ -			0	\$0.00
72141105 Pipe Restor.Paving				\$63,362.50				\$45,022.25
SEEDING, STRAW, MULCHING		L.F.	\$5.25	\$ -			0	\$0.00
EROSION CONTROL		EA.	\$1.00	\$ -			0	\$0.00
72141102 LANDSCAPE REST.				\$ -				\$0.00
MATERIAL		EA.	\$122.16	\$ -	1		1	\$122.16
MATERIAL		EA.	\$0.00	\$ -			0	\$0.00
MATERIAL		EA.	\$0.00	\$ -			0	\$0.00
30191801 PIPE MATERIAL				\$ -				\$122.16
		TOTAL		\$85,236.25				\$71,570.66

*varies per project (ft/developed)

ESTIMATE SUBMITTED

ESTIMATE CHECKED...

ESTIMATE APPROVED......ENGINEER

NTRACTOR

...INSPECTOR

ESTIMATE NO. 4,713.00 1) \$ 2) 19,922.00 \$ \$ 20,708.41 3) 4) \$ 26,227.25 71,570.66 \$45,343.41 TOTAL TO DATE \$

PAY THIS AMOUNT

LESS PREVIOUS PAYMENTS

\$ 26,227.25

AMT. OF ESTIMATE

Final Invoice

WE 1006261276 PO 5000097612

Eslinger Contracting Company, Inc - Phaltless Paving

Job: Hanover

Date: 4/15/2018

ECC Inv. # 15399

Mill & Pave	Lane Pave	Driveways
1		

Width	<u>Length</u>	<u>SF</u>		<u>Units</u>	Length	<u>LF</u>	<u>Units</u>	Length	<u>LF</u>
			L = 17 -						
3.5	13	45.50		1	319	319.00			0.00
2	5.5	11.00		1	155	155.00			
4	6.5	26.00		2	39	78.00			0.00
2	3	6.00			- 55				0.00
2	5.5					0.00			0.00
		11.00				0.00			0.00
2.5	3	7.50				0.00			0.00
4	5	20.00				0.00			0.00
		0.00	7			0.00			0.00
	0.00					 			
M&P TOTAL SF = 127.00				IPTO	TAL 1 E -	EE2.00			0.00
				LP TOTAL LF = 552.00				0.00	
							DW TO	TAL LF=	0.00

WE 1006278310 WE 1006278311 WE 1006278312 PO 5000097612

INVOICE FROM:

ESLINGER CONTRACTING CO., INC.

4849 Cloud Springs Rd.

Ringgold, Ga. 30736

(706) 891-0001

Vendor

102423

Invoice number

15384 Date

3/31/2018

Purchase Order

5000097612

PROJECT: Hanover Street - Install 615'-6" Main & 1 Fire

Job Description

Hydrant from Hixson Pike to Barton Ave

E-mail

GRADY.STOUT@AMWATER.COM

10 20	5000097612 Pipe Install Labor 5000097612 Paving	\$ \$	12,291.25 8,295.00
30 40	5000097612 Landscaping 5000097612 Materials	\$	122.16
	Total	\$	20,708.41

WE 1006278310 WE 1006278311 INVOICWE1006278312

ESLINGERO 50000087612ING CO., INC.

4849 Cloud Springs Rd.

Ringgold, Ga. 30736

(706) 891-0001

)2	
5000097612	

	PROJECT:	Hanover Street	- Install 615'-6'	' Main &	1 Fire Hydrant from	Hixson Pike to Barton Ave
--	----------	----------------	-------------------	----------	---------------------	---------------------------

TO: Tennessee American Water

P.O. Box 5608

Cherry Hill, NJ 08034

For Period From:

3/16/2018 TO 3/31/2018

ECC Inv. #:

15384

Invoice Date:

3/31/2018

GRADY.STOUT@AMWATER.COM CONTRACT ESTIMATE					PAY QU	IANTITIES		
	QUANTITY	UNIT	UNIT	AMOUNT	PREVIOUS	THIS	TOTAL	AMOUNT
			PRICE		ESTIMATE	ESTIMATE	TO DATE	DOLLARS / CENTS
FRENCH IN SERVICE LINE		L.F.	\$12.75	\$ -		7	7	\$89.2
EXCAVATE & LAYING 6" DI*	615	L.F.	\$18.25	\$ 11,223.75	380	136	516	\$9,417.0
EXCAVATE & LAYING 8" DI*		L.F.	\$17.50	\$ -			0	\$0.0
SPECIAL BOX CULVERT X-ING		L.S	\$5,325.00	\$ -	1		1	\$5,325.0
FH INSTALLATION AS MAIN LAID	1	EA.	\$825.00	\$ 825.00	1		1	\$825.0
WET TAP	2	EA.	\$900.00	\$ 1,800.00	1		1	\$900.0
ROCK EXCAVATION		C.Y.	\$185.00	\$ -			0	\$0.0
EXTRA DEPTH	75	FT./FT.	\$3.00	\$ 225.00			0	\$0.0
SERVICE TRANSFERS(3' PAVE)	9	EA.	\$675.00	\$ 6,075.00		9	9	\$6,075.0
SERVICE TRANSFERS-2"	1	EA.	\$750.00	\$ 750.00		1	1	\$750.0
CROSS TIE TO SMALL MAIN		EA.	\$1,325.00	\$ -		1	1	\$1,325.0
TRAFFIC/PEDESTRIAN CONTROL	4	EA.	\$150.00	\$ 600.00		4	4	\$600.0
INS 4" OR LARGER TEE & VLV		EA.	\$150.00	\$ -		1	1	\$150.0
BLOW OFF INSTALLATION		EA.	\$145.00	\$ -		1	1	\$145.0
PIPE CUTTING	5	EA.	\$75.00	\$ 375.00	2	7 .	9	\$675.0
UNCOVER AND CLEAN OUT VB		EA.	\$150.00	\$ -		1	1	\$150.0
KILL OLD MAIN		EA.	\$1,175.00	\$0.00			0	\$0.0
72141121 Pipe Install Labor				\$21,873.75				\$26,426.2
GRANULAR BACKFILL	15	TON	\$30.00	\$ 450.00			0	\$0.0
FLOWABLE BACKFILL	103	C.Y.	\$210.00	\$ 21,630.00	50	39.5	89.5	\$18,795.0
MILL & PAVE ASPHALT	2040	L.F.	\$8.75	\$ 17,850.00			0	\$0.0
LANE PAVING	515	L.F.	\$45.50	\$ 23,432.50			0	\$0.0
ASPHALT ON FLOWABLE		L.F.	\$19.00	\$ -			0	\$0.0
REPLACE CONCRET SIDEWALK		S.F.	\$10.00	\$ -			0	\$0.0
REPLACE 8" DRIVES		S.F.	\$13.50				0	\$0.0
72141105 Pipe Restor.Paving				\$63,362.50				\$18,795.0
SEEDING, STRAW, MULCHING		L.F.	\$5.25	\$ -			0	\$0.0
EROSION CONTROL		EA.	\$1.00	\$ -			0	\$0.0
72141102 LANDSCAPE REST.				\$ -				\$0.0
MATERIAL		EA.	\$122.16	\$ -		1	1	\$122.1
MATERIAL		EA.	\$0.00	\$ -			0	\$0.0
MATERIAL		EA.	\$0.00	\$ -			0	\$0.0
30191801 PIPE MATERIAL				\$ -				\$122.
		TOTAL		\$85,236.25	CONTRACTOR			\$45,343.4

ESTIMATE SUBMITTED ONTRACTOR

....INSPECTOR

ESTIMATE CHECKED.

ESTIMATE APPROVED......ENGINEER

ESTIMATE NO. 4,713.00 1) \$ 2) 19,922.00 20,708.41 \$ 4) 45,343.41 \$ TOTAL TO DATE \$24,635.00 LESS PREVIOUS PAYMENTS \$ 20,708.41 PAY THIS AMOUNT

Partial Invoice

WE 1006278310 WE 1006278311 WE 1006278312 PO 5000097612

Eslinger Contracting Company, Inc Stone Ticket Tonnage for TAWC Projects

Date: 3/31/2018

Job: Hanover Street

WBS #: R26-02B1.18-P-0002

ECC Inv. #: 15384

Vulcan Ticket #'s	<u>Tons</u>	
4264880	0.00	Dust w/ Flowable
4265188	0.00	Dust w/ Flowable

Line Total Tons =

 \cap

0

Reference Only

Flowable Backfill Tickets

TNT # 9507	12.1 CY
TNT # 9511	7.8 CY
TNT # 9524	11.9 CY
TNT # 9531	7.7 CY
TNT #	CY

Total =

39.5 CY

WE 1006278310

WE 1006278311

WE 1006278312 PO \$000097612

Concrete

TNT Concrete LLC

996 County Road 20 Calhoun, TN 37309 (423) 648-2813

09507

Date: 3/19/	18		3 .
Sold to: $Es/$	18 Enger Const. Fon Ave. @ Ha		
Address: Bar	For Ave @ Ha	vover	SK
METER READING	-END		
METER READING	-START		
UNITS DELIVERE	D		
QUANTITY	DESCRIPTION	PRICE	AMOUNT
12./4/5.	Flowable Fi	//	
		TAX	
		TOTAL	
	· .		
Purchaser assun when additional	nes full responsibility for strength, water or other material is requeste	slump, and que do n job.	uality of concrete

I, the undersigned, will assume all responsibility for any damages where delivery is made inside of the curb

Signature: _

TNT Concrete LLC

996 County Road 20 Calhoun, TN 37309

09524

	(423) 648-2813		
Date: 3/28/	18 Nger Const Barton Av		
Sold to: <u><i>E</i>5/1</u>	Nger ConsT	4	
Address: 92	Barton Av	e	
METER READING	-END		
METER READING	-START		
UNITS DELIVERE	D		
QUANTITY	DESCRIPTION	PRICE	AMOUNT
11. 9vds	Flowable F		
		TAX	
		TOTAL	
when additional I, the undersign	nes full responsibility for strewater or other material is reed, will assume all responsibility of the curb of	quested on job. ility for any damages	

rete LLC Road 20 N 37309 1813		09511
		· .
57,		
Ave		
	PRICE	AMOUNT
o Fil	//	
/		
	TAX	
	TOTAL	
		uality of concrete
onsibility fo	r any damages	where delivery is
	Road 20 N 37309 1813 For strength, all is request	PRICE PRICE

WE 1006278310

MIXING CO.	
Salle Mixing Co.	
111	
7	
Concrete	

TNT Concrete LLC

996 County Road 20 Calhoun, TN 37309 (423) 648-2813 09531

Date: 3/30	118 uger Const. Barton Ava		
Sold to: Es/	vger Const.		
Address: 92	Barton Ava	0	
METER READING	-END		
METER READING	-START		
UNITS DELIVERE	D		
QUANTITY	DESCRIPTION	PRICE	AMOUNT
7,7vds	Flowable F	-;1/	

Purchaser assumes full responsibility for strength, slump, and quality of concrete when additional water or other material is requested on job.

TAX

TOTAL

I, the undersigned, will assume all responsibility for any damages where delivery	1
made inside of the curb.	

Signature:

WE 1006278310 WE 1006278311 WE 1006278312 PO 5000097612

Eslinger Contracting Company, Inc

Material Charges for TAWC Projects

Date: 3/31/2018 Job: Hanover Street

WBS #: R26-02B1.18-P-0002

ECC Inv. #: 15384

Company	Description	Qty.	<u>Unit</u>	<u>Unit Total</u>	<u>Total</u>
Walter A. Woods					
2127150-01	2" Hymax Couplings	1	Each	\$102.44	\$102.44
		,			
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00

Unit Total: \$102.44

10% OH Charges =

\$10.24

TN Tax 9.25%:

\$9.48

Invoice Total: \$122.16

WE 1006278310 WE 1006278311 WE 1006278312 Remip 6 3000097612 P.O. Box 100

Rossville, GA 30741 Phone: 423-867-1033 Fax: 423-308-1054



Corporate Info:

4509 Rossville Boulevard Chattanooga, Tennessee 37407 Toll Free: 800-476-1415 WebSite: www.walterwood.com

SHIP/TR/INVOICE NUMBER 2127150-01

E00239

SHIP/TR/INVOICE NUMBER 2127150-01

ESLINGER CONTRACTING COMPANY

4849 CLOUD SPRINGS ROAD RINGGOLD GA 30736

CUSTOMER PICKED UP

TN 9999999999

CUSTOMER P.O.NO. HANOVER

CUSTOMER P.O.NO. HANOVER

SHIP/TE	R/INVOICE NUMBER	R S	LSMN	ORDER DATE	TAKER	CUSTOMER P.O	. NUMBER			DATE	
212	7150-01	01 778 03/29/18 104 HANOVER			03/30/18		18				
				INSTRUCTIONS					FRT.	PAGE	NO
W/C									D	1	140.
	QUANTITY		100 M				1 1				
ORDERED	B.O./RET.	SHIPPED	DISP.	ITEM	CODE AND DESCR	RIPTION	U/M	UN	NIT PRICE		AM
1		1	-1-				2007 200200-4 200				

DDDEDED T	QUANTITY D.O. (DET.	CLUBBER	DISP.	ITEM CODE AND DESCRIPTION			THE PROPERTY AND ADDRESS OF THE PARTY OF THE
RDERED	B.O./RET.	SHIPPED	0.000	ITEM CODE AND DESCRIPTION	U/M	UNIT PRICE	AMOUNT
1		1	*	TPS860-56-0054-16	EA	102.4400	102.4
				2" HYMAX COUPLING			
-							
	- 1						
						fis.	
						6	
	CODE EXPLA		4	*** THIS IS YOUR INVOICE ***			102.44

FREIGHT IN FREIGHT OUT 0.00 0.00

NET TERMS: INV

DUE: 04/29/18

SURC.

TELE. CHARGE FREIGHT TOTAL 0.00 FED./OTHER TAX STATE TAX 9.48 PAYMENT REC'D. 0.00

NET T

YOU MAY DEDUCT A CASH DISCOUNT 1.02 IF PAID BY 04/09/18

TOTAL AMT DUE 111.92

XLOPTB 8/88

CUSTOMER COPY

INVOICE FROM:

ESLINGER CONTRACTING CO., INC.

4849 Cloud Springs Rd.

Ringgold, Ga. 30736

(706) 891-0001

Vendor

102423

Invoice number

15410 Date

4/30/2018

Purchase Order

Job Description

5000097612

PROJECT: Hanover Street - Install 615'-6" Main & 1 Fire

Hydrant from Hixson Pike to Barton Ave

6,893.25

E-mail

GRADY.STOUT@AMWATER.COM

10 20 30 40	5000097612 Pipe Install Labor 5000097612 Paving 5000097612 Landscaping 5000097612 Materials	\$ \$ \$	- 6,893.25 - -
	Total	\$	6 893 25

INVOICE FOR GSM 206 ESLINGER 500NTRIACTING CO., INC. 4849 Cloud Springs Rd. (706) 891-0001 Ringgold, Ga. 30736

ACCOUNTING	INFORMATION
ACCOUNTING	HAL CIVINIA LICIA

20 #	5000097612
JU #	5000097612

PRO IFCT	Hanover Street -	Inetall 615'-6"	Main & 1	Fire Hydrant	from Hixson	Pike to	Barton .	AVA
ROJECI.	Hallovel Street	· 1115tall 015 -0	IVIAIII & I	riie riyuranı	HOHH HIMSOH	I INC LO	Darton	-AAC

TO: Tennessee American Water

P.O. Box 5608

Cherry Hill, NJ 08034 GRADY.STOUT@AMWATER.COM For Period From:

4/16/2018 TO 4/30/2018

ECC Inv. #:

15410

Invoice Date: ___

4/30/2018

CONT	TRACT ES	TIMATE	<u> </u>		PAY QUANTITIES			
ITEM	QUANTITY	UNIT	UNIT	AMOUNT	PREVIOUS	THIS	TOTAL	AMOUNT
and the contract of the second			PRICE		ESTIMATE	ESTIMATE	TO DATE	DOLLARS / CENTS
TRENCH IN SERVICE LINE		L.F.	\$12.75	\$ -	7		7	\$89.25
EXCAVATE & LAYING 6" DI*	615	L.F.	\$18.25	\$ 11,223.75	516		516	\$9,417.00
EXCAVATE & LAYING 8" DI*		L.F.	\$17.50	\$ -			0	\$0.00
SPECIAL BOX CULVERT X-ING		L.S	\$5,325.00	\$ -	1		1	\$5,325.00
FH INSTALLATION AS MAIN LAID	1	EA.	\$825.00	\$ 825.00	1		1	\$825.00
WET TAP	2	EA.	\$900.00	\$ 1,800.00	1		1	\$900.00
ROCK EXCAVATION		C.Y.	\$185.00	\$ -			0	\$0.00
EXTRA DEPTH	75	FT./FT.	\$3.00	\$ 225.00			0	\$0.00
SERVICE TRANSFERS(3' PAVE)	9	EA.	\$675.00	\$ 6,075.00	9		9	\$6,075.00
SERVICE TRANSFERS-2"	1	EA.	\$750.00	\$ 750.00	1		1	\$750.00
CROSS TIE TO SMALL MAIN		EA.	\$1,325.00	\$ -	1		1	\$1,325.00
TRAFFIC/PEDESTRIAN CONTROL	4	EA.	\$150.00	\$ 600.00	4		4	\$600.00
INS 4" OR LARGER TEE & VLV		EA.	\$150.00	\$ -	1		1	\$150.00
BLOW OFF INSTALLATION		EA.	\$145.00	\$ -	1		1	\$145.00
PIPE CUTTING	5	EA.	\$75.00	\$ 375.00	9		9	\$675.00
UNCOVER AND CLEAN OUT VB		EA.	\$150.00	\$ -	1		1	\$150.00
KILL OLD MAIN		EA.	\$1,175.00	\$0.00			0	\$0.00
72141121 Pipe Install Labor				\$21,873.75				\$26,426.2
GRANULAR BACKFILL	15	TON	\$30.00	\$ 450.00		_	0	\$0.00
FLOWABLE BACKFILL	103	C.Y.	\$210.00	\$ 21,630.00	89.5		89.5	\$18,795.00
MILL & PAVE ASPHALT	2040	L.F.	\$8.75	\$ 17,850.00	127		127	\$1,111.2
LANE PAVING	515	L.F.	\$45.50	\$ 23,432.50	552		552	\$25,116.00
SPECIAL PAVING REQUIRED BY CITY	·	L.S.	\$6,893.25	\$ -		1	1	\$6,893.2
REPLACE CONCRET SIDEWALK		S.F.	\$10.00	\$ -			0	\$0.00
REPLACE 8" DRIVES		S.F.	\$13.50	\$ -			0	\$0.00
72141105 Pipe Restor.Paving				\$63,362.50				\$51,915.50
SEEDING, STRAW, MULCHING		L.F.	\$5.25	\$ -			0	\$0.00
EROSION CONTROL		EA.	\$1.00	\$ -			0	\$0.00
72141102 LANDSCAPE REST.				\$ -				\$0.00
MATERIAL		EA.	\$122.16	\$ -	1		1	\$122.16
MATERIAL		EA.	\$0.00	\$ -			0	\$0.00
MATERIAL		EA.	\$0.00	\$ -			0	\$0.00
30191801 PIPE MATERIAL				\$ -				\$122.10
		TOTAL		\$85,236.25				\$78,463.9

*varies per project (ft/developed)

ESTIMATE SUBMITTE

ESTIMATE CHECKED

ESTIMATE APPROVED......ENGINEER

Saling ONTRACTOR

INSPECTOR

AMT. OF ESTIMATE ESTIMATE NO. 1) 4,713.00 \$ 19,922.00 2) 3) \$ 20,708.41 4) \$ 26,227.25 \$ 6,893.25 78,463.91 TOTAL TO DATE LESS PREVIOUS PAYMENTS \$71,570.66

6,893.25

PAY THIS AMOUNT

Final Invoice (2nd)

WE 1006356206 PO 5000097612

Phaltless,Inc.

2611 Riverside Drive Chattanooga, 37406 (423)622-1037 1(888)622-1037 Fax (423)622-9823

			•		
n	V	n	1	C	Ω
	▼	v	ı	·	J

DATE	INVOICE N
4/30/18	10780

BILL TO	
Eslinger Contracting Company 4849 Cloud Spring Rd. Ringgold, GA 30736	

hank you for your business.	Total	\$6,565.00
	, , , , , , , , , , , , , , , , , , , ,	
		6,565.0
ob: Hanober St Mill & Pave -		AMOUNT
DECOMPTION		Due on receipt
	P.O. NO.	TERMS

58 SPECIAL \$32825 TUTAL 6,89325





Tennessee American Water Company

PO Box 5608

Cherry Hill NJ 08034

Attention: Grady.Stout@amwater.com

Invoice #: 18042664

Project: 1811090001
Project Name: TAW - 2018 Chattanooga Inspectic

Invoice Group: 03 Invoice Date: 5/9/2018

P.M.: RANDY FRANKLIN BROWN

For Professional Services Rendered through: 4/27/2018

PO #5000097615; R26-02B1.18-P-0002 - Hanover Inspections

Salaries

Rate Schedule Labor

2,000.00

Total Salaries

2,000.00

Expenses

Unit Pricing - Rate

98.80

Total Expenses

98.80

Amount Due This Invoice **

2,098.80

Please reference invoice number 18042664 when remitting payment.

All charges are due and payable thirty (30) days from the date of this invoice. If the invoice is not paid within 30 days, contractual interest (or, if not specified in the contract, the maximum interest rate allowed by law) will be charged. In addition to interest, the payor will be responsible for payment of all collection expenses, including court costs and attorney fees for collection of any past

2970 Cottage Hill Road, Suite 190 Mobile, AL 36606 251.666.2443 ph / 251.666.6422 fax www.thompsonengineering.com

Total Phase: 03 -- Hanover Inspections

Total Project: 1811090001 -- TAW - 2018 Chattanooga Inspections

Dt							
Phase: 03 Hanover In	nspections		79	u3 - ver in .	10		
Rate Schedule Labor		Commence of the	~	~ ne i,			
Class / Employee Name		eate	Hours	Rate	Amount		
Level II Inspector							
LARRY STANLEY		2/2018	2.00	80.00	160.00		
		3/2018	1.00	80.00	80.00		
		9/2018	1.00	80.00	80.00		
		0/2018	1.00	80.00	80.00		
		1/2018	1.00	80.00	80.00		
	4/2	5/2018	3.00	80.00	240.00		
			9.00		720.00		
STEVEN BETTY		5/2018	4.00	80.00	320.00		
		1/2018	2.00	80.00	160.00		
		2/2018	2.00	80.00	160.00		
		8/2018	2.00	80.00	160.00		
		0/2018	2.00 80.00 2.00 80.00		160.00		
		3/2018			160.0		
	4/2!	5/2018	2.00	80.00	160.00		
			16.00		1,280.00		
Total: Level II Inspector			25.00		2,000.00		
		Rate Sch	edule Labor		2,000.00		
Init Pricing Expenses Yendor / Employee Name	Doc Nbr	Date	11-4-	Dete			
	_ DOC NOT	Date	<u>Units</u>	Rate	Amount		
nit Pricing - Mileage							
ederal Rate Mileage							
LARRY STANLEY	102470	4/2/2018	3.00	0.6500	1.95		
	102470	4/3/2018	3.00	0.6500	1.95		
	102634	4/9/2018	3.00	0.6500	1.95		
	102634	4/10/2018	3.00	0.6500	1.95		
	102634	4/11/2018	3.00	0.6500	1.95		
	102943	4/25/2018	14.00	0.6500	9.10		
CTEVEN DETTY	400400	41510010	29.00		18.85		
STEVEN BETTY	102469	4/5/2018	24.00	0.6500	15.60		
	102633	4/11/2018	27.00	0.6500	17.55		
	102633	4/12/2018	22.00	0.6500	14.30		
	102782	4/20/2018	12.00	0.6500	7.80		
	102945	4/23/2018	21.00	0.6500	13.65		
	102945	4/25/2018	17.00	0.6500	11.05		
			123.00		79.95		
Total: Unit Pricing - Mile	eage				98.80		

2,000.00

2,098.80

98.80

Labor : Expense:

ployee #089269 Larry K. Stanley		Week Ending: 04/06/18		Page 1 of								
		A CONTRACTOR OF THE PARTY OF TH										
Work Order #'s	PO Number	TE Phase		Work Order Description	SAT	SUN	MON	TUE	WED	THU	FRI	
R26-02B1.17-P-0004	5000069451	06	Cain Av	e 8", 6", 4" & FHs	3/31	4/1	4/2	4/3	414	4/5	4/6	TOTAL
R26F02B1.16-P-0006	5000087581	34		rcle - 8", 6", 4" & FHs				1.00				0.00
R26-02B1.17-P-0016	5000084649	30		ane - 6", 4" & FH			3.00	1.00		2.00		1.00
R26-02B1.17-P-0015	5000088705	35		in Forrest Lane - 6" & 4" Mains & FHs			3.00			2.00	0.00	5.00
R26-02D1.17-P-0009	5000092370			Blvd Relocate 12" Main							3.00	3.00
D26-0201-P-0534	5000092694	43	Elam/Publix - 8" Main & FH					100				0.00
R26-02B1.18-P-0002	5000097615	03	Hanover St 6" Main & Fh				2.00	1.00				0.00
R26-02D1.18-P-0008	5000090435	39		ordan Parkway - Relocate 12"			2.00	1.00				3.00
R26-02D1.17-P-0006	5000100116	04		t Reinstall 8" Main					2.00			0.00
D26-0201-P-0537	5000101005	06		orge Rd. Phase 7 - 12" Main & FHs			2.00	2.00	3.00	0.00		3.00
D26-0201-P-0539	5000100123	05		Hill - 6" Main & FHs			3.00	2.00	4.00	3.00	3.00	15.00
R26-02D1.18-P-0005	0000100120	07		oad - Relocate 8" Main				2.00	1.00			2.00
	5000093510	***	Non-Work Order Related				2 000 000	2.00	1.00	3.00		6.00
And Marine Assessment		יין דיין דיין			I STATE OF THE PARTY OF THE PAR	Carlon Valley	No. of Contract Posts	CHARLES WA			2.00	2.00
		TE		ADDMINGTER COMPANY ASSET	The state of the s		2 211121			医加加	ELLIP	多洲面面
Work Order #'s	PO Number	Phase	Mileage Description Cain Ave 8", 6", 4" & FHs		SAT	SUN	MON	TUE	WED	THU	FRI	
R26-02B1,17-P-0004	5000069451	06			3/31	4/1	4/2	4/3	4/4	4/5	4/6	TOTAL
R26-02B1.16-P-0006	5000087581	34		rcle - 8", 6", 4" & FHs								0.00
R26-02B1.17-P-0016	5000087581	30		ane - 6", 4" & FH				10.00				10.00
R26-02B1.17-P-0015	5000088705	35	Edgeme	on Forrest Lane - 6" & 4" Mains & FHs			26.00	0.000		16.00		42.00
R26-02D1.17-P-0009	5000092370	42	MI King	Blvd Relocate 12" Main							6.00	6.00
D26-0201-P-0534	5000092694	43		ıblix - 8" Main & FH								0.00
R26-02B1.18-P-0002	5000097615	03		r St 6" Main & Fh								0.00
R26-02D1.18-P-0008	5000090435	39		ordan Parkway - Relocate 12"			3.00	3.00				6.00
R26-02D1.17-P-0006	5000100116	04		St Reinstall 8" Main								0.00
D26-0201-P-0537	5000100110	06		orge Rd. Phase 7 - 12" Main & FHs	-				9.00	v		9.00
D26-0201-P-0539	5000100123	05		Hill - 6" Main & FHs		1,000,000	3.00	3.00	29.00	15.00	7.00	57.00
R26-02D1.18-P-0005	0	07		oad - Relocate 8" Main				12.00				12.00
	5000093510	****		ork Order Related				12.00	3.00	16.00		31.00
MANAGE AND A STATE OF THE STATE	The Section of the Se		ALC: VIC		-						3.00	3.00
and a state of the		and the Ma	All the section	A. MISSION COMASSINCEME			POTENTIAL CONTRACTOR OF THE SECOND		A CONTRACTOR OF THE PARTY OF TH			STEER
TO THE PARTY OF TH			A SHAREST	THOMPSON DIRECTIS INDIR	CT LABO	REE	O SECURIOR SE	de de de de la constante de la	以 於國際於		C-Sailling to	HALL NO
					SAT	SUN	MON	TUE	WED	THU	FRI	第四个图画的
PROJECT NAME		PHASE	CLASS	DESCRIPTION	3/31	4/1	4/2	4/3	4/4	4/5	4/6	TOTAL
nnessee American Water	18-1109-0001	1			0.00	0.00		8.00	8.00	-	8.00	
nold AFB Water Main	15-1109-0018	****	003					0.00	0.00	0.00	0.00	0.00
nickamauga Creek Growy	10-4030-0002		AND THE AREA									0.00
IOMPSON DIRECT LABOR				A STREET, AND THE STREET, AND	0.00	0.00	8.00	8.00	8.00	8.00	8.00	
				restauras i dentalas elebrocas espec		day an	(Parameter)	Red Server	With the last the las	WENTER		
Yar versioned and			Land to be	The contribution of the co			at a comment of a set of a selection of high	CHARLES TO SECURE	SENT TO PROPERTY.	The state of the s	is bitomining	0.00
nold AFB Water Main	15-1109-0018		003	Control of the contro								
nold AFB Water Main nickamauga Creek Growy												0.00
nold AFB Water Main nickamauga Creek Grnwy	15-1109-0018 10-4030-0002		003		20000	State (a)	1.000	the Grand	esterno e	PARTEST LOS	06778757494	0.00
nold AFB Water Main nickamauga Creek Growy	15-1109-0018 10-4030-0002		003		20000	0.000	ൃഷ്ട					0.00
nold AFB Water Main nickamauga Creek Grnwy	15-1109-0018 10-4030-0002		003	Cor	20000	//0:00	8.00	3 (O) 3 (8) (O)	300 A	8.00	8/00/2	0.00 0.00 40:00
nold AFB Water Main nickamauga Creek Griwy	15-1109-0018 10-4030-0002	ONAL DI	003	BoR Attended a meeting with Chad Brown	20000	0.000	(3(00)	8 8 00 @	8.00	8.00	8:00	0.00 0.00 40:00 0.00
nold AFB Water Main nickamauga Creek Grmyy direct Labor	15-1109-0018 10-4030-0002 (SUB)(18-9999-0000	999	003	BoR Attended a meeting with Chad Brown Floating Holiday	20000	0.00	3:00	3000 S	8:00	800	8:00	0.00 40:00 0.00 0.00
nold AFB Water Main nickamauga Creek Grmyy direct Labor direct Labor	15-1109-0018 10-4030-0002 SUE) 18-9999-0000 18-9999-0004	999 999	003	EOR Attended a meeting with Chad Brown Floating Holiday Vacation	20000	0.00	3:00	8.000	8:00 A	800	8:00	0.00 40.00 0.00 0.00
nold AFB Water Main nickamauga Creek Griwy direct Labor direct Labor nnual Leave oliday Leave	15-1109-0018 10-4030-0002 SUE) 18-9999-0000 18-9999-0004 18-9999-0001 18-9999-0003	999 999 999 999 999	003 0	Attended a meeting with Chad Brown Floating Holiday Vacation New Years Day	0.00	##0100#	8:00	8 7002	器(00点)	(楼8:00%	0.00 40:00 0.00 0.00 0.00
nold AFB Water Main nickamauga Creek Griwy direct Labor direct Labor nnual Leave oliday Leave	15-1109-0018 10-4030-0002 SUE); 18-9999-0000 18-9999-0004 18-9999-0001	999 999 999 999 999	003 0 3≅⊘∏/,	Attended a meeting with Chad Brown Floating Holiday Vacation New Years Day	(A.O.O.O.	第60:00周	#8:00 #0:00	報8:00億 報0:00線	数8:00数	\$0.00 \$8.00 \$8.00 \$8.00 \$8.00	楼8:00%	0.00 0.00 40:00 0.00
nold AFB Water Main nickamauga Creek Grmyy direct Labor direct Labor nnual Leave oliday Leave	15-1109-0018 10-4030-0002 (SUE))(18-9999-0000 18-9999-0004 18-9999-0001 18-9999-0003	999 999 999 999 999 Allsind	003 0 3≅⊘∏/,	Attended a meeting with Chad Brown Floating Holiday Vacation New Years Day	(A.O.O.O.	第60:00周	#8:00 #0:00	報8:00億 報0:00線	数8:00数	8.00	機8:00%	0.00 40.00 0.00 0.00 0.00
nold AFB Water Main nickamauga Creek Grmyy direct Labor direct Labor nnual Leave oliday Leave	15-1109-0018 10-4030-0002 (SUE))(18-9999-0000 18-9999-0004 18-9999-0001 18-9999-0003	999 999 999 999 999 Allsind	003 0 3≅⊘∏/,	Attended a meeting with Chad Brown Floating Holiday Vacation New Years Day	(A.O.O.O.	第60:00周	#8:00 #0:00	報8:00億 報0:00線	数8:00数	\$8:00 \$20:00 \$20:00	8:00 ×	0.00 40.00 0.00 0.00 0.00 0.00
nold AFB Water Main nickamauga Creek Grmyy direct Labor direct Labor nnual Leave oliday Leave	15-1109-0018 10-4030-0002 SUE) 18-9999-0000 18-9999-0004 18-9999-0001 18-9999-0003	999 999 999 999 999 Allsind	003 0 3≅⊘∏/,	Attended a meeting with Chad Brown Floating Holiday Vacation New Years Day	(A.O.O.O.	第60:00周	#8:00 #0:00	報8:00億 報0:00線	#8:00 # #0:00 #	\$8:00 \$20:00 \$20:00	8:00 %	0.00 0.00 0.00 0.00 0.00 0.00

nployee #089269	Larry K.	Stanle	Name of Street, or other Designation of Street, or other Desig		Week En	ding:	04/13/18			National paid	Page 1 of 3		
w 7, av (3)			133.63										
Work Order #'s	PO Number	TE Phase		Work Order Description	SAT	SUN	MON	TUE	WED	THU	FRI		
R26-02B1 17-P-0004	5000069451	06	Cain Av	e 8", 6", 4" & FHs	4/7	4/8	4/9	4/10	4/11	4/12	4/13	TOTALS	
R26-02B1.16-P-0006	5000087581	34		rcle - 8", 6", 4" & FHs								0.00	
R26-02B1.17-P-0016	5000084649	30		ane - 6", 4" & FH			100	4.00		1.00		1.00	
R26-02B1.17-P-0015	5000088705	35		on Forrest Lane - 6" & 4" Mains & FHs	++		1.00	1.00				2.00	
R26-02D1.17-P-0009	5000092370	42	MI King	Blvd Relocate 12" Main	-		2.00	1.00	1.00	1.00		5.00	
D26-0201-P-0534	5000092694	43	Flam/P	iblix - 8" Main & FH	1					3.00		0.00	
R26-02B1 18-P-0002	5000097615	03		St 6" Main & Fh	-							0.00	
R26-0201-18-P-0008	5000090435	39		ordan Parkway - Relocate 12"			1.00	1.00	1.00			3.00	
R26-0201.17-P-0006	5000100116	04			+							0.00	
D26-0201-P-0537	5000100116	06		t Reinstall 8" Main			3.00	1.00				4.00	
D26-0201-P-0539	5000101003		Combo	orge Rd. Phase 7 - 12" Main & FHs				2.00	2.00	4.00		8.00	
		05		Hill - 6" Main & FHs			1.00	2.00	2.00	2.00		7.00	
R26-02D1.18-P-0005	5000101091	07	Swan R	oad - Relocate 8" Main							8.00	8.00	
ADDRESS OF A PARTY OF A PARTY AND A STATE OF A PARTY OF	5000093510	****		Non-Work Order Related					2.00			2.00	
		Va. 16	or the franch	<u> </u>	15.11.11.71				ring and	NA. 34 (194)	2000		
Work Order #'s	PO Number	TE		Mileage Description	SAT	SUN	MON	TUE	WED	THU	FRI		
	Market State of the State of th	Phase			4/7	4/8	4/9	4/10	4/11	4/12	4/13	TOTALS	
R26-02B1.17-P-0004	5000069451	06		e 8", 6", 4" & FHs								0.00	
R26-02B1.16-P-0006	5000087581	34	Semi Ci	rcle - 8", 6", 4" & FHs						7.00		7.00	
R26-02B1.17-P-0016	5000084649	30	Paden L	ane - 6", 4" & FH			3.00	3.00		7.00		6.00	
R26-02B1.17-P-0015	5000088705	35	Edgemo	on Forrest Lane - 6" & 4" Mains & FHs			3.00	3.00	3.00	3.00		12.00	
R26-02D1.17-P-0009	5000092370	42		Blvd Relocate 12" Main				5.00	3.00	3.00		0.00	
D26-0201-P-0534	5000092694	43	Elam/Pu	ıblix - 8" Main & FH								0.00	
R26-02B1,18-P-0002	5000097615	03	Hanove	St 6" Main & Fh			3.00	3.00	3.00				
R26-02D1.18-P-0008	5000090435	39	Camp J	ordan Parkway - Relocate 12"			9.00	0.00	3.00			9.00	
R26-02D1.17-P-0006	5000100116	04	Fulton S	t Reinstall 8" Main			13.00	10.00	13.00				
D26-0201-P-0537	5000101005	06	River G	orge Rd. Phase 7 - 12" Main & FHs			13.00	10.00	3.00	34.00		36.00	
D26-0201-P-0539	5000100123	05	Camber	Hill - 6" Main & FHs			3.00	12.00	15.00	34.00		47.00	
R26-02D1.18-P-0005	5000101091	07		oad - Relocate 8" Main			3.00	12.00	15.00	3.00	40.00	33.00	
	5000093510	****	Non-Wo	rk Order Related			PARTY 100000000000000000000000000000000000		3.00		18.00	18.00	
				THE REPORT OF A STATE OF THE PARTY.					3.00	-		3.00	
Waller and the	ONE CONTROL OF THE CO	9 32 32 425	TO SECTION							10.14		and the lite	
THE CALL	AND THE RESERVE THE PARTY OF TH	Gert Grander	SE PARTIE AND A SERVICE AND A	THOMASON DIA SON A INDIA	-							Nation (1)	
PROJECT NAME	PROJECT#	DUACE	CLASS	DECOMP	SAT	SUN	MON	TUE	WED	THU	FRI		
ennessee American Water	18-1109-0001	THASE	CLASS	DESCRIPTION	4/7	4/8	4/9	4/10	4/11	4/12	4/13	TOTALS	
rnold AFB Water Main	15-1109-0018	****	000		0.00	0.00	8.00	8.00	8.00	8.00	8.00	40.00	
			003	Billion Parished and the control of								0.00	
Chickamauga Creek Growy HOMPSON DIRECT LABOR	10-4030-0002			PARTIES AND EAST PROGRAMMED AND ADDRESS OF THE PARTIES AND ADDRESS OF THE P								0.00	
HOMINSON BIREC! LABOR	TOTAL				0.00	0.00	8.00	8.00	8.00	8.00	8.00	40.00	
	45 4400 0040	9.6 (a. 3 a.)			Lineau			32 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 2 12 5 2 5	SAVE STATE	11 - 10 - 14 (9)	- 100	
mold AFB Water Main hickamauga Creek Grnwy	15-1109-0018	3	003								A CONTRACTOR STATE	0.00	
Michaniauga Creek Griwy	10-4030-0002		0									0.00	
	THE COURT OF	· ·						1. 10 E 10 E 11 E	3-13-3	W.W.EE	THE	0.00	
	CECTATION SUBJECT	MALIDI	KESIE	Attended a meeting with Charl B	MO:008	株0:00	第8:00 属	8.00	800	n name su	നസ	40:00	
	10 0000 0000	000		Attenued a meeting with Chad Brown			40	a a a a a a a a a a a a a a a a a a a	THE REAL PROPERTY.	元のこのの	REED I TO SEE	0.00	
ndirect Labor	18-9999-0004	999		Floating Holiday					19.00			0.00	
nnual Leave	18-9999-0001	999		Vacation									
Icliday Leave	18-9999-0003	999		New Years Day								0.00	
in term which is another	SUBTO	ASSINE] र च्लाहा	ABOR:	ENECTION OF THE	经租口其口证	ESSOUND NESS	開催し至りい 製料		SERVACIONES!	200 BA	0.00	
										Name and Address of the Owner, where the Owner, which is the Owner, which is the Owner, where the Owner, which is th		海温0.00	
1	11 1.			TOTAL HOURS	W 0.00	0.00	8000	8.00	8.00	FERTINE S	*BMO	40.00	
X arry	K. Alan	en										The state of the s	
47.		~									R HOURS:	40.00	
Larry K Stant	ey (Employee)								0'	VERTIME O	T HOURS:	0.00	
Larry IV. Gian	-, (cbio/00)			Randy Brown - Superviso	r				HOI	JDAY/LEAV	E HOURS:	0.00	
					The state of the s		The second liverage of the second	THE PERSON NAMED IN COLUMN TWO					

mployee #089269		. Stanle	A STATE OF THE STA	N. A. V.	NEW YORK OF THE PERSON OF THE	nding:	04/27/1	8			Page	e 1 of 3
			A Committee		沙路主					211/2/14/20	THE STATE OF	1
Work Order #'s	PO Number	Phase		Work Order Description	SAT	SUN	MON	TUE	WED	THU	FRI	
R26-02B1.17-P-0004	5000069451	06	Cain Av	re 8", 6", 4" & FHs	4/21	4/22	4/23	4/24	4/25	4/26	4/27	TOTAL
R26-02B1.16-P-0006	5000087581	34		rcle - 8", 6", 4" & FHs	+					1.00	1000	1.00
R26-02B1.17-P-0016	5000084649	30		ane - 6". 4" & FH	+					1.00	2.00	3.00
R26-02B1.17-P-0015	5000088705	35		on Forrest Lane - 6" & 4" Mains & FHs		(\$40 - 50 mg)	0.00		3.00			3.00
R26-02D1.17-P-0009	5000092370	42	MI Kind	Blvd Relocate 12" Main			2.00	2.00				4.00
D26-0201-P-0534	5000092694	43		ublix - 8" Main & FH								0.00
R26-02B1.18-P-0002	5000097615	03		r St 6" Main & Fh	+					1.00	3.00	4.00
R26-02D1.18-P-0008	5000090435	39		ordan Parkway - Relocate 12"					3.00			3.00
R26-02D1.17-P-0006	5000100116	04		St Reinstall 8" Main			3.00	3.00		2.00		8.00
D26-0201-P-0537	5000101005	06	River G	orge Rd. Phase 7 - 12" Main & FHs				10 to		1.00	2.00	3.00
D26-0201-P-0539	5000100123	05	Camber	Hill - 6" Main & FHs	0.00							0.00
R26-02D1.18-P-0005	5000101091	07	Swan R	oad - Relocate 8" Main	+							0.00
	5000093510	****	- CHILLING	Non-Work Order Related			0.00			2.00		2.00
ALCOHOLD STATE		(*) (\$1.5° \$2.	2000	DOLONIA ORGANIZATIONI DELLA S	HAN FOR YOUR		3.00	3.00	2.00		1.00	9.00
		TE	THE REAL PROPERTY.	Local Mariemarkalis Callyrain					MALL	M. Lallan	P. 1116	EFFE
Work Order #'s	PO Number	Phase		Mileage Description	SAT	SUN	MON	TUE	WED	THU	FRI	
R26-02B1.17-P-0004	5000069451	06	Cain Av	e 8", 6", 4" & FHs	4/21	4/22	4/23	4/24	4/25	4/26	4/27	TOTAL
R26-02B1.16-P-0006	5000087581	34								5.00		5.00
R26-02B1.17-P-0016	5000084649	30		rcle - 8", 6", 4" & FHs						3.00	13.00	16.00
R26-02B1.17-P-0015	5000088705	35		ane - 6", 4" & FH				26,30 (30)	14.00			14.00
R26-02D1.17-P-0009	5000092370	42	Lagemo	on Forrest Lane - 6" & 4" Mains & FHs			3.00	18.00				21.00
D26-0201-P-0534	5000092694	43	Flore/D	Blvd Relocate 12" Main						anni A		0.00
R26-02B1.18-P-0002	5000092694	-	Elam/Pt	ublix - 8" Main & FH						3.00	28.00	31.00
R26-02D1.18-P-0008	5000097615	03	Hanove	r St 6" Main & Fh					14.00		20.00	14.00
R26-02D1.17-P-0006	5000090435	39	Camp J	ordan Parkway - Relocate 12"			3.00	16.00		3.00		22.00
D26-0201-P-0537	5000100116	04	Fulton S	st Reinstall 6" Main	June 1					3.00	8.00	11.00
D26-0201-P-0539	5000101005	06	River G	orge Rd. Phase 7 - 12" Main & FHs	Kin the			Selection of			0.00	0.00
R26-02D1.18-P-0005	5000100123	05		Hill - 6" Main & FHs								0.00
	5000093510	***	Non Ma	oad - Relocate 8" Main ork Order Related						3.00		3.00
Delica Control	3000033310		NON-VVC		7.50	The warmer of the con-	32.00	16.00	26.00		3.00	77.00
The state of the s	SALES OF THE PARTY		Mark							1. (1.00)	Section 1	THE STATE OF
				MAN ATHOMPSONDIRECT/&INDIR	ECTILABO	R/W	WILDING!	STATE OF THE STATE	No Program	NEW THE PARTY NAMED IN	CHARLEST COLUMN	TOWN SHIP COME
7 - 1			SECTION SECTION		SAT	SUN	MON	TUE	WED	THU	FRI	
PROJECT NAME	PROJECT#	PHASE	CLASS	DESCRIPTION	4/21	4/22	4/23	4/24	4/25	4/26	4/27	TOTAL
old AFB Water Main	18-1109-0001	****			0.00	0.00	8.00	-	8.00	-		40.00
	15-1109-0018	****	003							0.00	0.00	CONTRACTOR OF THE PARTY OF THE
ckamauga Creek Griwy OMPSON DIRECT LABOR	10-4030-0002						Market St.					0.00
				Street Control of the	0.00	0.00	8.00	8.00	8.00	8.00	8.00	40.00
	t that all the state of the			TAMERA, TANÀNA ANTANA ANTANA		15 W. J. D. D	44 118 118		STATE OF THE PERSON.	6-00	0.00	
old AFB Water Main	15-1109-0018		003	The second secon				A STATE OF S	COMPANIE STATE		SERVICE SERVIC	
ckaniauga Creek Grnwy	10-4030-0002		0									0.00
WANTED STATE	$H_{2}(\Omega,\Omega,\Omega) \subseteq \Omega$	May 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		TO SELECT BE RECORDED AND A SERVICE	Sales Sugar	e hilberta	200.2.152	4.00	Softe and Commen	11 El 18 18 18	4 33000000	0.00
	AND MAKSUBIT	OTALEDIF	RECTIVA	POR Volunteered at Autier Conference	1 000	രണ	200	P COMP	erona e		REPORTED IN	
	THE REAL PROPERTY AND ADDRESS OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN T			Volunteered at Autism Conference			Prilita I of to HAPE	\$550.0034%	ero:UUm	現代のいりが発	经8:00%	
	18-9999-0004	999		Floating Holiday								0.00
lirect Labor		1 000		Vacation								0.00
lirect Labor nual Leave	18-9999-0001	999										0.00
lirect Labor nual Leave liday Leave	18-9999-0001 18-9999-0003	999		New Years Day	CONTROL CONTROL OF THE PARTY OF							
firect Labor nual Leave liday Leave	18-9999-0001 18-9999-0003	999	RECTAL	New Years Day ABOR:	0.00	MO 00	0.00	0.00	0.00	with O. C. C.		0.00
ilrect Labor nual Leave liday Leave	18-9999-0001 18-9999-0003	999 ALSIND	Test Test Ext	ABOR:	1.00.00.00.00.00.00.00.00.00.00.00.00.00	0.00	STATE OF THE PARTY	₩ 0.00 m	0.00	0.00	×0:00	0.00
irect Labor nual Leave liday Leave	18-9999-0001 18-9999-0003	999 ALSIND	Test Test Ext	ABOR:	STREET, STREET		STATE OF THE PARTY	THE RESERVE THE PERSON NAMED IN	CARL TRACE			0.00
ilrect Labor nual Leave liday Leave	18-9999-0001 18-9999-0003	999 ALSIND	Test Test Ext	ABOR:	STREET, STREET		STATE OF THE PARTY	THE RESERVE THE PERSON NAMED IN	CARL TRACE	8.00	8.00	40:00
irect Labor nual Leave liday Leave	18-9999-0001 18-9999-0003	999 ALSIND	Test Test Ext	ABOR: A STATE OF THE STATE OF T	STREET, STREET		STATE OF THE PARTY	THE RESERVE THE PERSON NAMED IN	8.00	8:00 REGULA	8:00 K	0.00
irect Labor hual Leave liday Leave Larry	18-9999-0001 18-9999-0003	999 ALSIND	Test Test Ext	ABOR:	0.00		STATE OF THE PARTY	THE RESERVE THE PERSON NAMED IN	8.00	8.00	8:00 K	40:00

Employee #090299		n W Bett	y Herman	B) (0.00 to 1.00 to 1.	Week E	inding:	04/06/1	В			Pag	e 1 of 3
		TE							176.65		district.	
Work Order #'s	PO Number	Phase		Work Order Description	SAT	SUN	MON	TUE	WED	THU	FRI	
R26-02B1.17-P-0004	5000069451	06		8", 6", 4" & FHs	3/31	4/1	4/2	4/3	4/4	4/5	4/6	TOTAL
R26+02B1.16-P-0006	5000087581	34		de - 8", 6", 4" & FHs	+	For Carlo Security						0.00
R23-02B1.17-P-0016	5000084649	30	Paden La	ane - 6" 4" & FH	+		200-200-20					0.00
D26-0201-P-0532	5000090356	38	Camp Joi	rdan Parkway - 12" Main & Stub-out							1.00	1.00
R26-02B1,17-P-0015	5000088705	35	Edgemon	Forrest Lane - 6" & 4" Mains & FHs								0.00
D26-0201-P-0537	5000101005	06	River Gor	rge 7	+							0.00
R26-02D1.18-P-0005	5000101092	07	Swan RD						-	2.00	3.00	5.00
D26-0201-P-0534	5000092694	43	Elam/Pub	olix - 8" Main & FH						2.00	2.00	4.00
D26-0201-P-0529	5000087236	32	Carnell C	ourt - 8" & 6" Main & FH			-					0.00
R20-02D1.18-P-0004	5000101162	80	Somervill	e St			-					0.00
R20-02B1.18-P-0002	5000097615	-03	Hanover .	St 6" Main & Fh						1000		0.00
R26-02D1.18-P-0008	5000090435	39	Camp Jor	rdan Parkway - Relocate 12"						4.00		4.00
	5000093510	****		Non-Work Order Related								0.00
	2020	er de seus de la company			16/5/6/58	EYO(TIO	Serion -	800 PAR	PACE STORY		2.00	2.00
Work Order #'s	PO Number	TE Phase		Mileage Description	SAT	SUN	MON	TUE	WED	THU	FRI	
R26-02B1.17-P-0004	5000069451	06	Cain Ave	9" 6" 4" 9 FIL-	3/31	4/1	4/2	4/3	4/4	4/5	4/6	TOTAL
R26-02B1.16-P-0006	5000087581	34	Cami Circ	8", 6", 4" & FHs de - 8", 6", 4" & FHs								0.00
R26-02B1.17-P-0016	5000084649	30	Dedon La	ne - 6", 4" & FH								0.00
D26-0201-P-0532	5000090356	38	Comp los	me - 6", 4" & FH							13.00	13.00
R26-02B1.17-P-0015	5000088705	35	Edgemon	rdan Parkway - 12" Main & Stub-out Forrest Lane - 6" & 4" Mains & FHs							13.00	0.00
D26-0201-P-0537	5000101005	06	River Gor	To 7								0.00
R26-02D1.18-P-0005	5000101092	07	Swan RD		Control of					26.00	23.00	49.00
D26-0201-P-0534	5000092694	43		lix - 8" Main & FH						24.00	26.00	50.00
D26-0201-P-0529	5000087236	32	Carnell Co	ourt - 8" & 6" Main & FH					200000000000000000000000000000000000000	A. C.	20.00	0.00
R26-02D1.18-P-0004	5000101162	08	Somerville	St St		45.70						0.00
R26-02B1.18-P-0002	5000097615	03		St 6" Main & Fh								0.00
R26-02D1.18-P-0008	5000090435	39	Camp Jor	dan Parkway - Relocate 12"		100 m 100 m				24.00		24.00
	5000093510	***		Non-Work Order Related								0.00
ura zatera de la compania de la comp	AMOUNT OF		W. T.	THE FARMANCE OF THE PARTY OF THE		NAME OF	AA GARY		* III * 1 * 1 * 1 * 1		22.00	22.00
trebuild to		1000		UTOMISON DIRECTANDIR	=GRUV:YG	To be the same	ord Cymhelen		and the second second			
PROJECT NAME	PROJECT#	PHASE			SAT	SUN	MON	TUE	WED	THU	FRI	ue e e
nnessee American Water	18-1109-0001	1	CLASS	DESCRIPTION	3/31	4/1	4/2	4/3	4/4	4/5	4/6	TOTAL
		-			0.00	0.00	0.00	0.00	0.00	8.00	8.00	16.00
											0.00	0.00
IOMPSON DIRECT LABOR	TOTAL											0.00
AND AND DOOR OF THE	55 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	da seguero.	Sen option w	STANDON WALLSON FOR LIBERTO	0.00	0.00	0.00	0.00	0.00	8.00	8.00	16.00
			and sometimes and	Marganthala or de la companya da La Calaba La Calaba da	es trake n La	a day take		MINE.	20100	Production	No Paris	Children
			0									0.00
		1.504	780 500 90	ATTICLE AND THE PROPERTY OF THE PARTY OF							Allegania nareza	0.00
	THE STEEL	ार्भा ।	IACTIUNET		in open					1000000	\$ 550,000	8210000
direct Labor	18-9999-0000	999		TOWN STREET, S	多水0:00 種	20100額	量0:00票	是0:00萬	0.00	8400	8.00	946.00
direct Labor	18-9999-0004	999		Floating Holiday								0.00
nual Leave	18-9999-0001	999		Vacation								0.00
liday Leave	18-9999-0003	999		New Years Day		7.00	8.00	8.00	8.00			24.00
NAME OF TAXABLE PARTY.	ENAMESUBITION	ALSIND	RECIPILA	(C) The state of t	WYO CONTEN	****						0.00
OPTO I					至0:00	國000國	[編00部]	圖8:00圖	8 00 8	0:00	# 0.00 M	24:00
kii '			0	TOTAL HOURS	0.00	0.000	3.00	8.00	*800°	8,00	8.00	
				64364								
Steven	W. Betty	-	Zi	and Brown	2.6					The state of the s		40.00
The same of the sa	w. Betty		Z"	and Grown TOTAL HOURS	28					REGULA	R HOURS:	16.00
The same of the sa	ty (Employee)		20	Randy Brown - Supervisor	28				ov	The state of the s	R HOURS: T HOURS:	

PROPERTY OF THE PARTY OF THE PA		W Betty		We	ek Endir	ng:	04/13/18				Page	e 1 of 3
AND		2.77	W. 143			470	harvey).	######################################	(W/ 10	W. T. W.		Significan
Work Order #'s	PO Number	TE		Work Order Description	SAT	SUN	MON	TUE	WED	THU	FRI	The state of the s
R26-02B1 17-P-0004	5000069451	Phase	Onia 6		417	4/8	4/9	4/10	4/11	4/12	4/13	TOTALS
R26-02B1 17-P-0004	5000087581	06 34		- 8' 6" 4" & FHs								0.00
R26-02B1.17-P-0016	5000087581	30		cle - 8", 6" 4" & FHs								0.00
D26-0201-P-0532	5000084649	38		ane - 6", 4" & FH								0.00
R26-02B1.17-P-0015	5000088705	35		rdan Parkway - 12" Main & Stub-out								0.00
D26-0201-P-0537	5000101005	06		Forrest Lane - 6" & 4" Mains & FHs				2.00				2.00
R26-d2D1.18-P-0005	5000101003	07	River Go Swan RD				4.00			3.00		7.00
R26-02D1.17-P-0006	5000100116	04					2.00	3.00		2.00	2.00	9.00
D26-0201-P-0539	5000100116	05	-	reet Main Relocation			2.00	2.00	2.00		2.00	8.00
D26-0201-P-0538	3000100123	-	Camberi						2.00		2.00	4.00
R26-02B1.18-P-0002	50000C7045	09	One Rive							Barrie Barrie		0.00
A26-02B1 18-P-0002	5000097615	03		St 6" Main & Fh					2.00	2.00		4.00
828675D1 10-1-0008	5000090435	39	Camp Jo	rdan Parkway - Relocate 12"								0.00
ADDIOS CONTRACTOR DE CONTRACTO	5000093510	*****	THE RESERVE OF THE PERSON NAMED IN COLUMN 1	Non-Work Order Related				1.00	2.00	1.00	2.00	6.00
				ULDOWN A COMMENCE OF A COMMENT	16/100	110 TO 10	PACIFICAL SERVICES	BECKTON!	STANCE STREET, STREET, SQUARE, SALVER, SA	國門可語	THE PERSON NAMED IN	10000
Work Order #'s	PO Number	TE		Mileage Description	SAT	SUN	MON	TUE	WED	THU	FRI	ESSAU-OURS
		Phase			4/7	4/8	4/9	4/10	4/11	4/12	4/13	TOTALO
R26-02B1.17-P-0004	5000069451	06		8", 6", 4" & FHs						4112	4/13	0.00
R26-02B1.16-P-0006	5000087581	34		cle - 8", 6", 4" & FHs								0.00
R26-02B1.17-P-0016	5000084649	30		nne - 6", 4" & FH								
D26-0201-P-0532	5000090356	38	Camp Jo	rdan Parkway - 12" Main & Stub-out		N-2 - 20 - 10 - 10						0.00
R26-02B1.17-P-0015	5000088705	35		Forrest Lane - 6" & 4" Mains & FHs			A control of	14.00				14.00
D26-0201-P-0537	5000101005	06	River Go				28.00			26.00		54.00
R26-02D1.18-P-0005	5000101092	07	Swan RD				24.00	17.00	19:00	23.00	16.00	99:00
R26-02D1.17-P-0006	5000100116	04		reet Main Relocation			22.00	21.00	21.00	20.00	17.00	81.00
D26-0201-P-0539	5000100123	05	Cambert								15.00	15.00
D26-0201-P-0538	500000000	09	One Rive				Ka ka ka ka				10.00	0.00
R26-02B1.18-P-0002 R26-02D1.18-P-0008	5000097615	03		St 6" Main & Fh					27.00	22.00		49.00
720-02D1.10-P-0006	5000090435	39	Camp Jo	rdan Parkway - Relocate 12"						20.00		0.00
True State Distance of the second	5000093510	****		Non-Work Order Related				12.00	17.00	15.00	13.00	57.00
Por Charles				C. Part & March 1991 (1992)				75 dil.		E CHAPE		07.00
THE RESERVE OF THE PARTY OF THE	AND RESIDENCE		TENNON TO	THOMPSON DIRECT & INDIRE	CTUADO	Y-Y0980 1/2-100	BANGEROF SERVE		to According to the service of			
	111111111111111111111111111111111111111		WASHING WASHINGTON	THE MINISON DIRECT, A INDIRE	SAT			以	1 特别教皇皇	SHOW THE PROPERTY OF	William !	经 国际基础的
PROJECT NAME	PROJECT#	PHASE	CLASS	DESCRIPTION	4/7	SUN	MON	TUE	WED	THU	FRI	
	18-1109-0001	1	0.00	DESCRIPTION	0.00	4/8	4/9	4/10	4/11	4/12	4/13	TOTALS
nnessee American Water					1 0.00	0.00	8.00	8.00	8.00	8.00	8.00	40.00
THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE OW	10 1100 0001		District Control		THE RESERVE OF THE PERSON NAMED IN							
THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE OW	10 1100 0001											0.00
nnessee American Water					0.00	0.00						0.00
nnessee American Water	TOTAL	State State	637 SE 1748	USERSA CONTRACTOR CONTRACTOR	0.00	0.00	8.00	8.00	8.00	8.00	8.00	0.00 40.00
nnessee American Water OMPSON DIRECT LABOR	TOTAL	State Me	AST 30 P (8)	MEN LELIS MESTER LET SEL	-	0.00	8.00	THE RESERVE OF THE PARTY OF THE	0700	8.00		0.00 40.00
nnessee American Water OMPSON DIRECT LABOR	TOTAL	and the second		March 2014 and annear and shift	-		With the same of t	THE RESERVE OF THE PARTY OF THE	0700			0.00 40.00
nnessee American Water OMPSON DIRECT LABOR	TOTAL		0		eda Nega			THE RESERVE OF THE PARTY OF THE	Bayan,			0.00 40.00
Innessee American Water	TOTAL		0		(ALGASON)							0.00 40.00 0.00
nnessee American Water	TOTAL	OTALEDI	0		eda Nega			THE RESERVE OF THE PARTY OF THE	Bayan,			0.00 40.00 0.00 0.00
OMPSON DIRECT LABOR	SUBTC 18-9999-0000	OVALEDII 999	0	IOR .	(ALGASON)					2. W		0.00 40.00 0.00 0.00
IOMPSON DIRECT LABOR direct Labor direct Labor	SUBT(18-9999-0000 18-9999-0004	999 999	0	IOR Floating Holiday	(ALGASON)					2. W		0.00 40.00 0.00 0.00 0.00 40.00
IOMPSON DIRECT LABOR Idirect Labor Idirect Labor Innual Leave	SUBT(18-999-0000 18-999-0004 18-999-0001	999 999 999	0	Floating Holiday Vacation	(ALGASON)					2. W		0.00 40.00 0.00 0.00 40.00 0.00
IOMPSON DIRECT LABOR Idirect Labor Idirect Labor Innual Leave	SUBT(18-999-0000 18-999-0004 18-999-0001 18-9999-0003	999 999 999 999 999	O ZEGNILAE	Floating Holiday Vacation New Years Day	0.00	0.00				2. W		0.00 40.00 0.00 0.00 40.00 40.00 0.00 0
IOMPSON DIRECT LABOR Idirect Labor Idirect Labor Innual Leave	SUBT(18-999-0000 18-999-0004 18-999-0001 18-9999-0003	999 999 999 999 999	0	Floating Holiday Vacation New Years Day	(ALGASON)					2. W	8.00	0.00 40.00 0.00 0.00 40.00 0.00 0.00 0.
OMPSON DIRECT LABOR OMPSON DIRECT LABOR direct Labor direct Labor nual Leave	SUBT(18-999-0000 18-999-0004 18-999-0001 18-9999-0003	999 999 999 999 999	RECTLA	Floating Holiday Vacation New Years Day	0.00	0.00	0.00	8.00	8.00	8.00	8.00	0.00 40.00 0.00 0.00 40.00 0.00 0.00 0.
OMPSON DIRECT LABOR OMPSON DIRECT LABOR direct Labor direct Labor mual Leave biday Leave	SUBTOTAL SUBTOT 18-9999-0000 18-9999-0001 18-9999-0003 SUBTOT	999 999 999 999 999 ALSIND	RECTLA	Floating Holiday Vacation New Years Day	0.00	0.00	8.00	8.00	8.00	8.00	8.00	0.00 40.00 0.00 0.00 40.00 0.00 0.00 0.
OMPSON DIRECT LABOR Office Labor direct Labor inual Leave	SUBTOTAL SUBTOT 18-9999-0000 18-9999-0001 18-9999-0003 SUBTOT	999 999 999 999 999 ALSIND	RECTLA	Floating Holiday Vacation New Years Day	0.00	0.00	0.00	8.00	8.00	8.00 0.00	8.00	0.00 40.00 0.00 0.00 40.00 0.00 0.00 0.
IOMPSON DIRECT LABOR Odirect Labor direct Labor nual Leave Diday Leave	SUBTO 18-9999-0000 18-9999-0004 18-9999-0003 SUBTOT	999 999 999 999 999 ALSIND	RECTLA	Floating Holiday Vacation New Years Day	0.00	0.00	0.00	8.00	8.00 0.00 8.00	8.00 0.00	0.00 8.00 8.00 8.00 R HOURS:	0.00 40.00 0.00 0.00 40.00 0.00 0.00 0.

Employee #090299	Steve	W Bett	W	eek Endi	ing:	04/20/18				Pan	e 1 of 3	٦
Telephone and the second	AND SHEE				gingle.	2 11/4	US ALL		SIE OF STREET	ray	M S SHEATEN	
Work Order #'s	PO Number	TE	Work Order Description	SAT	SUN	MON	TUE	WED	TANA			8
R26-02B1.17-P-0004	5000000454	Phase		4/14	4/15	4/16	4/17	4/18	THU	FRI		
R26-02B1.16-P-0006	5000069451	06	Cain Ave 8", 6", 4" & FHs					4/10	4/19	4/20	TOTALS	4
R26-02B1.17-P-0016	5000087581	34	Semi Circle - 8", 6", 4" & FHs								0.00	
D26-0201-P-0532	5000084649	30	Paden Lane - 6" 4" & FH					 	The sales in the		0.00	_
R26-02B1.17-P-0015	5000090356	38	Camp Jordan Parkway - 12" Main & Stub-out								0.00	
D26-0201-P-0537	5000088705	35	Edgemon Forrest Lane - 6" & 4" Mains & FHs								0.00	
R25,02D1 18-P-0005	5000101005	06	River Gorge 7			4.00					0.00	
R26-02D1 17-P-0006	5000101092	07	Swan RD			2.00			3.00		7.00	
D26-0201-P-0539	5000100116	04	Fulton Street Main Relocation			2.00		-	2.00	2.00	6.00	1
D26-0201-P-0538	5000100123	05	CamberHill		1	2.00	3.00	5.00			2.00	
	500000000	09	One Riverside				2.00	2.00	1.00	2.00	8.00	
R26-02B1.18-P-0002	5000097615	03	Hanover St 6" Main & Fh				2.00	THE OWNER OF THE OWNER, WHEN			4.00	
RAC-0011/18-P-0008	5000090435	39	Camp Jordan Parkway - Relocate 12"					2.00		2.00	4.00	
Cipped Apt	5000093510	2222	Non-Work Order Related				0.00				0.00	
	JANAS LA		The same of the sa			71.55	3.00	2.00	2.00	2.00	9.00	
Work Order #'s	PO Number	TE		-	STATISTICS OF THE PARTY OF			Marie L		del de la	12.00	
	- C Humber	Phase	Mileage Description	SAT	SUN	MON	TUE	WED	THU	FRI		1
R26-02B1.17-P-0004	5000069451	06	Cain Ave 8", 6", 4" & FHs	4/14	4/15	4/16	4/17	4/18	4/19	4/20	TOTALS	
R26-02B1.16-P-0006	5000087581	34	Semi Circle - 8", 6", 4" & FHs								0.00	1
R26-02B1.17-P-0016	5000084649	30	Paden Lane - 6", 4" & FH								0.00	1
D26-0201-P-0532	5000090356	38	Camp Jordan Parkway - 12" Main & Stub-out						1		0.00	1
R26-02B1.17-P-0015	5000088705	35	Edgemon Forrest Lane - 6" & 4" Mains & FHs								0.00	1
*D26-0201-P-0537	5000101005	06	River Gorge 7	R							0.00	
R26-02D1.18-P-0005	5000101092	07	Swan RD '			28.00			12.00		40.00	
R26-02D1.17-P-0006	5000100116		Fulton Street Main Relocation			24.00		19:00	23.00	16.00	82.00	63-0
D26-0201-P-0539	5000100123	05	CamberHill			22.00		10.00			32.00	22.
D26-0201-P-0538		09	One Riverside				24.00	15.00	13.00	15.00	67.00	100
R26-02B1.18-P-0002	5000097615	03	Hanover St 6" Main & Fh				21.00				21.00	
R26-02D1.18-P-0008	5000090435	39	Camp Jordan Parkway - Relocate 12"			demonstrates				12.00	12.00	
	5000093510	****	Non-Work Order Related								0.00	
en temperature	William .		The state of the s			100000000000000000000000000000000000000	12.00	17.00	15.00	13.00	57.00	
MANAGER PROPERTY.	VECTOR STATE OF THE PARTY OF TH				b Y Leake a saca d						- 12 W 207	200
STATE OF THE PROPERTY OF THE P			TE OMESON DIRECT CHAPTER	CINLABO	RESERVE	NAVON SEE	RECEIVANT .	\$4500\$FFFFFFF	Address of the Assess		a da Mil Auski	282
PRO IFOT MANE				SAT	SUN	MON	OPERSON OF THE PERSON OF THE P	HER PARKET	WATER ST.		新州外	
PROJECTRAME	PROJECT#	PHASE	CLASS DESCRIPTION	4/14	4/15	4/16	IUE	MED	THU	FRI		
ennessee American Water	18-1109-0001	1	Control of the contro	0.00	0.00	-	4/17	4/18	4/19	4/20	TOTALS	
			Guidelle Control of the Control of t	0.00	0.00	8.00	8.00	8.00	8.00	8.00	40.00	
IOMBOOK PIERRE											0.00	
HOMPSON DIRECT LABOR	TOTAL			0.00	0.00	9.00	0.00				0.00	
MARKET EXECUTE	ANALY (Con			100	0.00	8.00	8.00	8.00	8.00	8.00	40.00	
111									1.2.12.2		1177	
TS-MICELLAND			0							79, 77, 201	0.00	
All April 19 Control of the Control			STATE OF STREET AND ADDRESS TO A PART OF A	40 a 10 a	7 74			AMERICA SER			0.00	
Manager Committee of the Committee of th	SUBING	MACIOIL	EGUL/EOR	0000	ത്ത	Tom vie	000	-			11/1/19	
direct Fabol	18-9999-0000	999		- Section 20	MAY COLUMN	mmQ:UUX集	86:UU	器8:00]	数8:00萬	1800湯	40:00	
JINGUL EADOI	18-9999-0004	999	Floating Holiday								0.00	
	18-9999-0001	999	Vacation								0.00	
liday Leave	18-9999-0003	999	New Years Day								0.00	
	SUBTOT	ALSINDI		(((((((((((((((((((25010017	***************************************					0.00	
				画品の:00報	器0:00题	#0:00W	(0:00 國	第0:00	墨0.00毫	0:00	0:00 M	
2.4				Book Person			Park Service Control	10000			- Admidi	
min/			(7) TOTAL HOURS	1380100831	SECONO SE		0.00		The state of the s			The state of the s
E5 9	1.2 R -10		Souch Grace TOTAL HOURS	第0:00器	第0.00萬	800	8.00	8.00	300	800	40:00	
Stewer	w Betty	-	Jana Gram TOTAL HOURS	(0.000 <u>%)</u>	0000	800	000/	: 600] [Name and Address of the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner, whic		
			Linear O.		30100	3.00	8.00		REGULA	R HOURS:	40.00	
E5 9			Planch, Shawe TOTAL HOURS Randy Brown - Supervisor		0.00	8.00	3.00	ov		R HOURS: T HOURS:		

Employee #090299		W Bett	No.	Website Committee Committe	eek Endi	ng:	04/27/1	18			Pag	e 1 of 3
	tar Starle Edit School Car St.	TE				Law. A.	2 3183	10777	Y		3 1 1 1 1 W	(to 1/8 W
Work Order #'s	PO Number	Phase		Work Order Description	SAT	SUN	MON	TUE	WED	THU	FRI	SECTION SCHOOL
R26-02B1.17-P-0004	5000069451	06	Cain A	ve 8", 6", 4" & FHs	4/21	4/22	4/23	4/24	4/25	4/26	4/27	TOTAL
R34-02B1.16-P-0006	5000087581	34		arcie - 8", 6", 4" & FHs								0.00
R2Gi02B1.17-P-0016	5000084649	30	Paden	Lane - 6" 4" & FH	-							0.00
D26-0201-P-0532	5000090356	38	Camp .	Jordan Parkway - 12" Main & Stub-out					2.00	2.00		4.00
R26-02D1.18-P-0008	5000090435	39	Camp .	Jordan Parkway - Relocate 12"								0.00
D26-0201-P-0537	5000101005	06	River G	Forge 7								0.00
826-02D/ 18-P-0005	5000101092	07	Swan F				4.00				2.00	6.00
改6-02D1.17-P-0006	5000100116	04	Fulton :	Street Main Relocation	+	100000	0.00			3.00	2.00	5.00
D26-0201-P-0539	5000100123	05	Cambe				2.00			3.00	2.00	7.00
026-0201-P-0538	5000101538	09	One Ri	verside				3,00	2.00			5.00
R26-02B1.16-P-0002	5000097615	03	Hanove	er St 6" Main & Fh			2.00	2.00				2.00
4				Make a property of the party of			2.00		2.00			4.00
neitra /	5000093510	***		Non-Work Order Related				2.00				0.00
	William I.			The state of the s	Sacriff Co.	A CHARLE		3.00	2.00		2.00	7.00
Work Order #'s	PO Number	TE			SAT	SUN		a della	The second second second	littini.		22100
		Phase		Mileage Description	4/14	4/22	MON 4/23	TUE	WED	THU	FRI	
R26-02B1.17-P-0004	5000069451	06	Cain A	/e 8", 6", 4" & FHs	- "'-	7122	4/23	4/24	4/25	4/26	4/27	TOTAL
R26-02B1.16-P-0006	5000087581	34	Semi C	ircle - 8", 6", 4" & FHs					-			0.00
R26-02B1.17-P-0016	5000084649	30	Paden I	Lane - 6", 4" & FH					-			0.00
D26-0201-P-0532	5000090356	38	Camp J	ordan Parkway - 12" Main & Stub-out					21.00	24.00		45.00
R26-02D1.18-P-0008	5000090435	39	Camp J	ordan Parkway - Relocate 12"					-			0.00
D26-0201-P-0537 R26-02D1.18-P-0005	5000101005	06	River G				28.00					0.00
R26-02D1.17-P-0006	5000101092	07	Swan R				20.00			10.00	26.00	54.00
D26-0201-P-0539	5000100116	04		Street Main Relocation			22.00			19.00	18.00	37.00
D26-0201-P-0538	5000100123 5000101538		Camber	The state of the s				29.00	19.00	24.00	22.00	68.00
R26-02B1.18-P-0002	5000101538	09	One Riv					26.00	13.00			48.00
1120 02.01.10-1-0002	3000097615	03	Hanove	r St 6" Main & Fh			21.00	20.00	17.00			26.00
1	5000093510	****							17.00	-		38.00
and the later of t	30000093310			Non-Work Order Related				22.00	20.00		10.00	0.00
The state of the s							S. Albaria		7 4 7 7		12.00	54.00
ATTALANTATION OF BUILDING	的是一种人的	APPLICATION OF	Ad an Ca	THOMPSON DIRECT & INDIRE	CTUARC	To make the same	CONTRACTOR OF THE PARTY OF THE		alternation to			
				The state of the s	SAT	SUN		18 miles 198	Valenti de es	4810,11070		
PROJECT NAME	PROJECT#	PHASE	CLASS	DESCRIPTION	4/14	4/22	MON	TUE	WED	THU	FRI	
ennessee American Water	18-1109-0001	1			0.00	0.00	4/23	4/24	4/25	4/26	4/27	TOTAL
1					0.00	0.00	8.00	8.00	8.00	8.00	8.00	40.00
IOMBOOM BIDE OF THE												0.00
IOMPSON DIRECT LABOR	TOTAL				0.00	0.00	8.00	0.00				0.00
all the season and th	是100万亿亿元。	VIII N		MOWO COLLEGE OF THE COLLEGE OF THE	To the second second	10 9 15 15 (3)	0.00	8.00	8.00		8.00	40.00
Wat 2 / GT					er inn et dans in the					ALC: MEET		1.14.70
And The state of t	Contract of the Contract of th		0								200 200 200	0.00
a ellerian A L		A. S. F.		0. D. A. D. S.	1000		2					0.00
direct Lobor	SUBIRG	MALIDIR	EGULA	BOR (18 19 19 19 19 19 19 19 19 19 19 19 19 19	mon	നന്ന പ		F CONTRACTOR				1. 60
direct Edboi	10-9999-0000	999		1), 40,45%	2.40-62	THO DURE	MEDU. OF	8.00	38,00%	隊8:00隊	瓣8:00商	40.00
	18-9999-0004	999		Floating Holiday								0.00
	18-9999-0001	999		Vacation								0.00
aludy Leave	18-9999-0003	999										0.00
The second secon	SUBTOIR	ALS INDI	RECIAL	New Years Day	\$0.00s	10000 PM	500 00 at	PMAICA				0.00
								20.00總	經0:00部	磁0:00線	凝0:00 %	0:00
						10.00 個	C/ STANSON AND AND		8:00		8:00	
					The second liverage of the second		TAKE .	The second second	STEEL OF BUILDINGS	TATALOG BAR - W. P. L. P. S. S. S. S. S.	THE PARTY OF THE PARTY OF THE	
	W. Betty	-		Hand Moure						The second contract of the second	THE RESERVE OF THE PARTY OF THE	\$140.00°
Stewn			2	Pauch Brown						The second contract of the second	R HOURS:	40.00
			2	Randy Brown - Supervisor					0\	The second contract of the second	R HOURS:	



Tennessee American Water Company

PO Box 5608

Cherry Hill NJ 08034

Attention: Grady.Stout@amwater.com

Invoice #: 18052665

Project: 1811090001

Project Name: TAW - 2018 Chattanooga Inspectic

Invoice Group: 03

Invoice Date: 6/14/2018

P.M.: RANDY FRANKLIN BROWN

For Professional Services Rendered through: 6/1/2018

PO #5000097615; R26-02B1.18-P-0002 - Hanover Inspections

Salaries

Rate Schedule Labor

160.00

Total Salaries

160.00

Expenses

Unit Pricing - Rate

7.80

Total Expenses

7.80

Amount Due This Invoice **

167.80

Please reference invoice number 18052665 when remitting payment.

All charges are due and payable thirty (30) days from the date of this invoice. If the invoice is not paid within 30 days, contractual interest (or, if not specified in the contract, payor will be responsible for payment of all collection expenses, including court costs and attorney fees for collection of any past

2970 Cottage Hill Road, Suite 190 Mobile, AL 36606 251 666.2443 ph / 251.666.6422 fax www.thompsonengineering.com WE 1006470412 PO 5000097615

Project : 1811090001 -- TAW - 2018 Chattanooga Inspections

Invoice #: 18052665

Phase: 03 Hanover In	spections				
Rate Schedule Labor Class / Employee Name	_ Da	ate	Hours	Rate	
evel II Inspector				Nate	Amour
LARRY STANLEY	5/9/	/2018	2.00	80.00	160.00
		Rate Sch	nedule Labor		160.00
Jnit Pricing Expenses /endor / Employee Name	Doc Nbr	Date	Units	Rate	Amoun
Jnit Pricing - Mileage					Amoun
ederal Rate Mileage					
LARRY STANLEY	103327	5/9/2018	12.00	0.6500	7.80
		Unit Price	ing		7.80
otal Phase : 03 Hanover	Inspections			Labor :	160.00
				Expense :	7.80

3.7	Larry K. Stanley	
	Week Ending: 05/11/18	NEEKLY TIME LOG
)5/11/18	

			9							(Emplace)	arry K Stanley (Emplace)
40.00	HOURS:	REGULAR HOURS:						<i>لا.</i>	1		
40.00	表 (1)	8.00	8.00	8.00	8.00	0.00	0.00	March Stours TOTAL HOURS	1,	Attend	Lavy K.
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				,
0.00	-	1						SUBTOTAL'S INDIRECT LABOR New Years Day	SINDIRE	SUBTOTAL	
0.00	-	-		1		1		Vacation	999	18-9999-0001	Holiday Leave
	Н	-			-	-	-	Floating Holiday	999	18-9999-0004	-
40.00	8.00	8.00	8.00	8.00	8.00	0.00	0.00	Lunch & Learn - Kodi Klin	999	18-9999-0000	
0.00					1998				SUBTOTAL DIRECT LABOR	SUBTO	Marin Walkerson or Ber
0.00	1	1	-								
200	THE STATE OF THE	The state of the s	N. S.	W. STEWNSON OF STREET	OVAL PARTICIPATION OF THE PART	A Designation of the last of t			-	10-4030-0002	Chickamauga Creek Grnwy
40.00	0.00	0.00						William Control of the Control of th	THE PERSON NAMED IN	0018	mold AFB Water Main
0.00	Т	800	8 00	8.00	8.00	0.00	0.00		The second second		
0.00				-						10-4030-0002	OMESON DIBECT LABOR TOTAL
40.00	8.00	8.00	8.00	8.00	8.00	0.00	0.00	003	*****	15-1109-0018	mold AFB Water Main
TOTALS		5/10	5/9	H	5/7	5/6	5/5	DESCRIPTION	1 OL		ennessee American Water
	n D		WED	TUE	MON	NUS	SAT		DHACE C	PROJECT #	PROJECT NAME
STATE OF STREET	STATE OF THE PARTY	200000000000000000000000000000000000000					TLABOR	THOMPSON DIRECT & INDIRECT LABOR			
9.00	3.00						V		No. of Concession, Name of Street, or other Persons and Street, or other P		
0.00		1						Non-work Order Related	JAI NAMES	000000000000000000000000000000000000000	
0.00			1						**	5000093510	
0.00	-							Carnell Court - 8" & 6" Mains & FH	Ľ	5000087236	0 6750-4-1020-6278
31.00		8.00		23.00				One Riverside - 8" Main & FHs	L	5000101538	D26-0201-P-0538
0.00								Swan Road - Relocate 8" Main		5000101091	K26-02D1.18-P-0005
24.00				24.00				Camber Hill - 6" Main & FHs		5000100123	D26-0201-P-0539
53.00		10.00	12.00	24.00	7.00			River Gorge Rd. Phase 7 - 12" Main & EUs		5000101005	D26-0201-P-0537
1200			12.00					Camp Jordan Parloway - Bologgia 40"		5000090435	R26-02D1.18-P-0008
29 00	10.00	10.00			9.00			Hanover St - 6" Main & FH		5000097615	R26-02B1.18-P-0002
30.00	1	10 00	13 00		7.00			raden Lane - 6', 4" & FH	43	5000000000	D26-0201-P-0534
0.00	-							Semi Circle - 8", 6", 4" & FHs	\perp	5000084649	R26-02B1.17-P-0016
TOTALS	5/11	5/10	9/9	9/0	9	9.0		Cain Ave 8", 6", 4" & FHs	_	1	R26-02B1 16-D-0006
	FR	H	WED	TUE	MON	5/8	5/5	willeage Description	Phase	_	D36 0304 47 D 0004
45 (16)		國江國				TO ALL DE LA COLOR	The state of the s	The state of the s	TE.	1	Work Order #'s
5.50	4.00	1.50				The state of the s	New Action	Since Notice			
0.00								Non-Work Order Related	****	5000093510	
0.0								Carrier Court - 8" & 6" Mains & FH		0000001200	
4.00		1.00		0.00				One Riverside - 8" Main & FHs	200	500001010336	D26-0201-P-0529
0.00		3		3 00				Swan Road - Relocate 8" Main	L	5000101091	D26-0201, 10-F-0005
2.00				2.00				Camber Hill - 6" Main & FHs	05 C	5000100123	R26-02D1 18 B 0005
11.00		2.00	4.00	3.00	2.00			River Gorge Rd. Phase 7 - 12" Main & FHs	06 R	5000101005	D26-0201-P-053/
2.00			2.00		3			Camp Jordan Parkway - Relocate 12"	Ц	5000090435	R26-02D1.18-P-0008
10.00	4.00	2.00			4.00			Hanover St 6" Main & Fh		5000097615	R26-02B1.18-P-0002
5.50		1.50	2.00		2.00			Elam/Publix - 8" Main & FH	\perp	5000092694	D26-0201-P-0534
0.00								Paden Lane - 6" 4" & FH		5000084649	R26-02B1.17-P-0016
0.00								Semi Circle - 8" 6" 4" 8 FHS	\perp	5000087581	R26-02B1.16-P-0006
TOTALS	5/11	5/10	5/9	5/8	5/7	5/6	5/5	ain Ave - 8" 6" 4" 8 EU2	-	5000069451	R26-02B1.17-P-0004
J. Harris	FRI	THU	WED	TUE	MOM	SUN	SAT	Work Order Description	Phase	PO Number	Work Order #'s
90.00			O. T. S.				10 10 10 10 10 10 10 10 10 10 10 10 10 1		No. of Concession, Name of Street, or other Persons, or other Pers	SATURDAY STATE OF THE PARTY OF	A STATE OF THE STA
						-		The state of the s	电影图像图像图像	大学とは一般の大学となってはない。	日日の人には、日本の一日の一日の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本

Tennessee-American Water Company Response to TAW_R_CADDR1_017 Cost Summary Related to Work Order R26-02M1.18-P-8001

Work Order	G/L Account	G/L Account Name	Utility Account	Utility Account Name	Amount
R26-02M1.18-P-8001	10630430	CCNC - Struct & Imp-Treatment	304300	Struct & Imp-Treatment	\$42,810.05
					0.00
					0.00
	25710000	Reg Liab - Cost of Removal RWIP			(0.00)
					\$42,810.05

Work Order	General Cost Type	General Cost Description	Amount
R26-02M1.18-P-8001	Labor	Labor & Related Costs	\$0.00
	Inventory	Materials Issued from Inventory	0.00
	Invoices	Contracted Services & Non-Inventory Materials	37,801.20
	AFUDC	Allowance for Funds Used During Construction	1,480.65
	Capital Accrual	Cost Accuals Related to Construction	0.00
	Overhead	Indirect Overhead	3,528.20
			\$42.810.05

From recon file "TAW_2018_Capital_Rider_Recon_Revised 5_16_19.xlsx" and tab "WKP_2018_Actuals". Source: Powerplant

Туре	Period	WBS	Description	In-Service Date		Profit center	Project #	Utility account	UA Naruc	Amount	Eligibility	Portion %	Adjusted Amount	Comments on Adjustments
ADDITION	12	R26-02M1.18-P-8001	ExacQ - TN		12/17/2018	2602	M	304300	Struct & Imp-Treatment	42,810.05	SEC	100%	42,810.05	

\$42,810.05 \$42,810.05

Tennessee-American Water Company Response to TAW_R_CADDR1_017 Invoices Related to Work Order R26-02M1.18-P-8001

Source: SAP

mpany Code	Object	Document	Document Number	Cost Element	Cost element descr.	Val/COArea Crcy	Sales/Use Tax	Other Amounts	Actual Invoice	Posting Date O	Offsetting	Name of offsetting account
		type								a	icct no.	
26	R26-02M1.18-P-8001	WE	1006262699	52000000	M & S (O&M) - Natural Account	2,744.00	253.82		2,997.82	5/9/2018 2	3436000	A/P-GRIR CapSvc
6	R26-02M1.18-P-8001	WE	1006311736	53150000	Contract Svc-Other - Natural Account	3,557.00	329.02		3,886.02	5/29/2018 2	3436000	A/P-GRIR CapSvc
6	R26-02M1.18-P-8001	WE	1006349012	53150000	Contract Svc-Other - Natural Account	1,001.00	92.59		1,093.59	6/4/2018 2	3436000	A/P-GRIR CapSvc
26	R26-02M1.18-P-8001	KP	1006357354	52000000	M & S (O&M) - Natural Account	253.82	-253.82		0.00	6/8/2018 2	3436000	A/P-GRIR CapSvc
26	R26-02M1.18-P-8001	KP	1006357354	53150000	Contract Svc-Other - Natural Account	329.02	-329.02		0.00	6/8/2018 2	3436000	A/P-GRIR CapSvc
26	R26-02M1.18-P-8001	KP	1006357356	53150000	Contract Svc-Other - Natural Account	92.59	-92.59		0.00	6/8/2018 2	3436000	A/P-GRIR CapSvc
26	R26-02M1.18-P-8001	WE	1006362081	52000000	M & S (O&M) - Natural Account	23,588.00	2,181.89		25,769.89	6/11/2018 2	3436000	A/P-GRIR CapSvc
26	R26-02M1.18-P-8001	WE	1006410436	52000000	M & S (O&M) - Natural Account	3,802.00	251.88		4,053.88	7/2/2018 2	3436000	A/P-GRIR CapSvc
26	R26-02M1.18-P-8001	KP	1006712159	52000000	M & S (O&M) - Natural Account	2,181.89	-2,181.89		0.00	9/10/2018 2	3436000	A/P-GRIR CapSvc
26	R26-02M1.18-P-8001	KP	1007079154	52000000	M & S (O&M) - Natural Account	251.88	-251.88		0.00	12/29/2018 2	3436000	A/P-GRIR CapSvc

Tennessee-American Water Company Response to TAW_R_CADDR1_017 Invoices Related to Work Order R26-02M1.18-P-8001

Period	Fiscal Year	Document Header Text	Name	Purchasing Document	Item	Purchase order text
5	2018		ExacQ - TN - Update Licenses, 2017-743	5000094176	10	ExacQ - TN - Update Licenses, 2017-743
5	2018		ExacQ - Suck Creek, 2018-290	5000098424	10	ExacQ - Suck Creek, 2018-290
6	2018		ExacQ - CITICO & Wiehl St. Add-On, 2018-	5000101431	10	ExacQ - CITICO & Wiehl St. Add-On, 2018-
6	2018			5000094176	10	ExacQ - TN - Update Licenses, 2017-743
6	2018			5000098424	10	ExacQ - Suck Creek, 2018-290
6	2018			5000101431	10	ExacQ - CITICO & Wiehl St. Add-On, 2018-
6	2018		ExacQ - CITICO & Wiehl St. 2018-292	5000098427	10	ExacQ - CITICO & Weihl St. 2018-292
7	2018		ExacQ - TN-Staging, 2018-296	5000098421	10	ExacQ - TN-Staging, 2018-296
9	2018			5000098427	10	ExacQ - CITICO & Weihl St. 2018-292
12	2018			5000098421	10	ExacQ - TN-Staging, 2018-296

Invoice Number30426201Invoice DateMay 8, 2018Supply DateMay 7, 2018CurrencyUSD (US Dollar)Purchase Order5000094176Payment Terms45 days net

10405 Crosspoint Blvd Indianapolis, IN 46256-3323 US (United States)

Tyco Integrated Security LLC

Supplier

Customer
Tennessee American Water
Company
131 Woodcrest Road
Cherry Hill, NJ 08003
US (United States)

Ship To Chattanooga Prod 1003 Riverside Dr Chattanooga, TN 37406-4304 US (United States)

#	PO item	Description	Unit	aty	Unit Price	Line Total
1	10	ExacQ - TN - Update Licenses, 2017-743	AU	1	\$2,744.00	\$2,744.00
					Subtotal	\$2,744.00
				Total Tax	Amount	\$253.82
				Invoice	Amount	\$2,997.82





RIDER For Additional Service

RIDER #2017-743

Title

THIS RIDER made this	18THday of	Dece	ember, 2017				, is part of and
is to be attached to Agreement made the $\underline{\mathbf{24t}}$	<u>h</u> da	ay of	November	, 2014	by and betw		
<u>TYCO INTEGRAT</u>	ED SECURITY LLC.						
Hereinafter called "T.I.S.", and	AME	ERICAN	WATER				
Hereinafter called "Customer", for Service in the premises of the Customer at	EXACQ UPDATE 7 WHIEL ST						_
CHATTANOOGA	State	of,	TENNESSE	E			
EXACQ UPDATE BLOCK OF LI	CENSES			D O		AA	_D_QM1
				Ka	6-0a	MI.10	
					PO	5000	-P-8001 094176
he Customer hereby agrees to pay Ty		Assigr	ns, the sum	of			
Twenty Seven Hundred Forty Four D							(plus tax) (\$2744.00
ayable upon signing of this agreement the additional sum of Dollars			•	•			and to pay in addit plus tax) (.00)
er annum payable in advance.							(pius tax) (.ot
The parties hereto mutually agree the	at the aforesaid Aç	greem	ent, of whic	h this F	Rider is ma	de a part, i	is ad shall be and
emain in full							
orce and effect in accordance with all it is further agreed to that the originaYears.	I the terms and co Il expiration date o	nditio of the i	ns thereof, i referenced <i>i</i>	modifie Agreem	ed only as I lent shall b	n this Ride e extended	er specifically provided for a period of
Tyco Integrated Security, LLC.			<u>Americ</u>	an Water	,		- <i>- 121</i>
By Bill Glover			Ву		della	100/1	andle Custom
ADDDOVED	Age	nt	, _	leff	rev Mo	ncielli	JAN 0 9 20

Authorized Representative

 Invoice Number
 30554343

 Invoice Date
 May 29, 2018

 Supply Date
 May 25, 2018

 Currency
 USD (US Dollar)

 Purchase Order
 5000098424

 Payment Terms
 45 days net

Ship To Chattanooga Prod 1003 Riverside Dr Chattanooga, TN 37406-4304 US (United States) Supplier

Tyco Integrated Security LLC 10405 Crosspoint Blvd Indianapolis, IN 46256-3323 US (United States) Customer

Tennessee American Water

Company

131 Woodcrest Road Cherry Hill, NJ 08003 US (United States)

ı	#	PO Item	Description	Unit	aty	Unit Price	Line Total
	1	10	ExacQ - Suck Creek, 2018-290	AU	1	\$3,557.00	\$3,557.00

 Subtotal
 \$3,557.00

 Total Tax Amount
 \$329.02

 Invoice Amount
 \$3,886.02





RIDER For Additional Service

RIDER #2018-290

	THIS RIDER made this	17TH day of Februa	ry, 2018		, is part of and
is t	to be attached to Agreement made the 24tl	1day of			•
	TYCO INTEGRATE	ED SECURITY LLC.			
He	reinafter called "T.I.S.", and	AMERICAN	WATER		
	reinafter called "Customer", for rvice in the premises of the Customer at	EXACQ UPDATE 167 DIXIE LANE			
	CHATTANOOGA	State of,	TENNESSEE		
EX.	ACQ UPDATE		(C)	R26-02M1.18 Po 50000	-P-8001 98424
	Customer hereby agrees to pay Ty		s, the sum of		_
	<u>irty Five Hundred Fifty Seven Dolla</u> able upon signing of this agreemer		la unon complet		tax) (\$3557.00)
	additional sum of <u>Two Hundred</u>		ne apon complet		tax) (\$285.00)
er 'er	annum payable in advance.			·•	
Th	e parties hereto mutually agree tha ain in full	nt the aforesaid Agreeme	ent, of which this	Rider is made a part, is a	d shall be and
	am mun ce and effect in accordance with all	the terms and condition	s thereof modif	ied only as in this Rider s	necifically provided
	s further agreed to that the original				
_	5Years.	-	•		•
_ <u>Ty</u>	co Integrated Security, LLC.		American Wat	er	<u> </u>
Ву	Bill Glover		Ву	delheur Th	null Systemer
•	_	Agent		rey Mondelli	FEB 2 1 2018
APF	PROVED	Authorized Representative	00 11	i dy moridolli	Title
		•			

Invoice Number30558983Invoice DateJun 4, 2018Supply DateMay 31, 2018CurrencyUSD (US Dollar)Purchase Order5000101431Payment Terms45 days net

Ship To Chattanooga Prod 1003 Riverside Dr Chattanooga, TN 37406-4304 US (United States)

Supplier

Tyco Integrated Security LLC 10405 Crosspoint Blvd Indianapolis, IN 46256-3323 US (United States)

Customer

Tennessee American Water Company 131 Woodcrest Road

131 Woodcrest Road						
Cherry Hill, NJ 08003						
US (United States)						

π	1 O Item	Description	OIII	aty	OTHER FICE	Line rotai
1	10	ExacQ - CITICO & Wiehl St. Add-On, 2018-	AU	1	\$1,001.00	\$1,001.00
				s	ubtotal	\$1,001.00
				Total Tax	Amount	\$92.59
				Invoice A	Amount	\$1.093.59





RIDER For Additional Service

RIDER #2018-341

Title

THIS RIDER made this	23RD_day of _	March,	2018		, is part of and is to
be attached to Agreement made the	24th	_day of	November, 2014	_by and between	
_TYCO INTEGR	ATED SECURITY LLC.				
Hereinafter called "T.I.S.", and	A	MERICAN	WATER		
Hereinafter called "Customer", for Service in the premises of the Customer	EXACQ UPDATE at 1003 RIVERS	IDE			
CHATTANOOGA	Sta	te of,	TENNESSEE		
EXACQ UPDATE					
			18		
	, 2				
	5 /				
	A.	10)/1	001 -01	
	<i>!</i>	V/		K36-091	11.18-4-8001
				Pn 50	11.18-P-8001 000101431
				10	
he Customer hereby agrees to pay	Typo its Agents o	r Aesian	e the cum of		
One Thousand One Dollars	Tyco, its Agents of	nooiyii	is, the sum oi	(plus t	ax) (\$1001.00)
Payable upon signing of this agreen	nent and the baland	ce payal	ble upon complet		
he additional sum of <u>Dollars</u>					(plus tax) (\$00)
Per annum payable in advance. The parties berete mutually agree	that the aforesaid	\ aroom	ant of which this	Didor is made a part	is ad shall be and
The parties hereto mutually agree emain in full	that the albresaid i	Agreem	ent, or which this	Rider is made a part	, is au stiail de aflu
orce and effect in accordance with	all the terms and o	onditio	ns thereof. modifi	ed only as in this Ric	der specifically provided
It is further agreed to that the orig					
<u>5</u> Years.					
Tyco Integrated Security, LLC.			American Wate	er	
By Bill Glover			By		Mullimer
	A	gent		frey Mon delli	MAR 2 9 201
APPROVED	_		J61	mey woneom	\$11/11\ L J LU10

Authorized Representative

US (United States)

 Invoice Number
 30558982

 Invoice Date
 Jun 11, 2018

 Supply Date
 May 31, 2018

 Currency
 USD (US Dollar)

 Purchase Order
 5000098427

 Payment Terms
 45 days net

Ship To
Chattanooga Prod
1003 Riverside Dr
Chattanooga, TN 37406-4304

Supplier

Tyco Integrated Security LLC 10405 Crosspoint Blvd Indianapolis, IN 46256-3323 US (United States) Customer

Tennessee American Water

Company

131 Woodcrest Road Cherry Hill, NJ 08003 US (United States)

#	PO Item	Description	Unit	Qty	Unit Price	Line I otal
1	10	ExacQ - CITICO & Weihl St. 2018-292	AU	1	\$23,588.00	\$23,588.00

 Subtotal
 \$23,588.00

 Total Tax Amount
 \$2,181.89

 Invoice Amount
 \$25,769.89





R I D E R For Additional Service

RIDER #2018-292

THIS	RIDER made this	17THday ofFebrua	ary, 2018		, is part of and
is to be attache	ed to Agreement made the 24th	day of	November, 2014	_by and between	
	TYCO INTEGRATE	D SECURITY LLC.			
Hereinafter cal	led "T.I.S.", and	AMERICAN	WATER		
	led "Customer", for premises of the Customer at	EXACQ UPDATE 1003 RIVERSIDE DRIVE			
	CHATTANOOGA	State of,	TENNESSEE		
	r hereby agrees to pay Tyc		2		7.648POO
Pavable upon	<u>e Thousand Five Hundred</u> signing of this agreemen	t and the halance naval	ole upon completi	ions of the installation, a	tax) (\$23,588.00)
	sum of <u>Eighteen Hund</u>				tax) (\$1890.00)
The parties emain in full orce and effects the left orce and effects the left orce and effects or the left or the	yable in advance. hereto mutually agree that ect in accordance with all agreed to that the original	the terms and condition	ns thereof, modifi	ed only as in this Rider s	pecifically provided
5Yea	ors. ed Security, LLC.		American Wate	er .	
· -	-			111.111.	Customer
By Bill Glov	er	Agent	Ву	syguest (a)	were _
APPROVED _		Authorized Representative	Je	ffrey Mondelli	FEB 2 1 2018.

Invoice Number30738065Invoice DateJul 2, 2018Supply DateJun 30, 2018CurrencyUSD (US Dollar)Purchase Order5000098421Payment Terms45 days net

Supplier
Tyco Integrated Security LLC
10405 Crosspoint Blvd
Indianapolis, IN 46256-3323
US (United States)
317-913-5438
317-913-7726

Customer
Tennessee American Water
Company
131 Woodcrest Road
Cherry Hill, NJ 08003
US (United States)
8667778426
8566722876

Ship To Chattanooga Prod 1003 Riverside Dr Chattanooga, TN 37406-4304 US (United States)

#	PO Item	Description	Unit	Qty	Unit Price	Line Total
1	10	ExacQ - TN-Staging, 2018-296	AU	1	\$3,802.00	\$3,802.00
					Subtotal	\$3,802.00
				Total Ta	c Amount	\$251.88
				Invoice	e Amount	\$4,053.88





RIDER For Additional Service

RIDER #2018-296

		i di Additio	nai Service	
	THIS RIDER made this		ery, 2018	, is part of and
is t	o be attached to Agreement made the	day of	November, 2014 by and between	-
	TYCO INTEGRATED	SECURITY LLC.		
Hei	reinafter called "T.I.S.", and	AMERICAN	WATER	_
	reinafter called "Customer", for	EXACQ UPDATE STAG	ING TENNESSEE	
Ser	vice in the premises of the Customer at	131 WOODCREST		
	CHERRY HILL	State of,	NEW JERSEY	
EX	ACQ UPDATE STAGING TENNE	ESSEE		
		7	(36)	
		/*		
		(/		
		, (
			R-26-02MI	.18-P-8001
			PD 50000	
			(8	
The	Customer hereby agrees to pay Tyce	o, its Agents or Assign	s, the sum of	
	irty Eight Hundred Two Dollars	1.1 1 1		(Plus tax) (\$3802.00)
	able upon signing of this agreement additional sum of <u>Eighteen Hundr</u>		ole upon completions of the installation	on, and to pay in addition (plus tax) (\$.00)
	annum payable in advance.	ca minety Donars		<u>(μιας τακή (φ.σσή</u>
		the aforesaid Agreeme	ent, of which this Rider is made a part	, is ad shall be and
	ain in full	ha taama and aanditia.	and the second s	d
			ns thereof, modified only as in this Ric eferenced Agreement shall be extend	
	5Years.	onpiration date of the f	oloronoda Agraomoni onan bo oxiona	od for a portod of
_Ty	co Integrated Security, LLC.		American Water	
Ву	Bill Glover		By dehun!	Moulton Statemen
•		Agent		FED 2 1 2010
APF	PROVED	uthorized Representative	Jeffrey Mondelli	FEB 2 1 2018
	T.	anionzou i toprodontativo		THE

Tennessee-American Water Company Response to TAW. R_CADDR1_018 Cost Summary Related to Work Order R26-02Q1.18-P-0005

Work Order	G/L Account	G/L Account Name	Utility Account	Utility Account Name	Amount
R26-02Q1.18-P-0005	10131152	UPIS - Pumping Equipment-Source of Supply	311520	Pumping Equipment-Source of S	\$12,848.46
					0.00
					0.00
	25700000	Reg Liab - Cost of Removal	311520	Pumping Equipment-Source of S	7,193.72

\$20,042.18

Work Order	General Cost Type	General Cost Description	Amount
R26-02Q1.18-P-0005	Labor	Labor & Related Costs	\$1,167.62
	Inventory	Materials Issued from Inventory	0.00
	Invoices	Contracted Services & Non-Inventory Materials	17,152.75
	AFUDC	Allowance for Funds Used During Construction	19.86
	Capital Accrual	Cost Accuals Related to Construction	0.00
	Overhead	Indirect Overhead	1,701.95
			\$20.042.18

From recon file "TAW_2018_Capital_Rider_Recon_Revised 5_16_19.xlsx" and tab "WKP_2018_Actuals". Source: Powerplant

														Comments on
Туре	Period	WBS	Description	In-Service Date		Profit center	Project #	Utility account	UA Naruc	Amount	Eligibility	Portion %	Adjusted Amount	Adjustments
ADDITION	8	R26-02Q1.18-P-0005	Repl. 10" Intake Flush Line Gate	l .	8/21/2018	2602	Q	311520	Pumping Equipment-Source of S	959.89	SEC	100%	959.89	
ADDITION	9	R26-02Q1.18-P-0005	Repl. 10" Intake Flush Line Gate		8/21/2018	2602	Q	311520	Pumping Equipment-Source of S	(319.99)	SEC	100%	(319.99)	
ADDITION	8	R26-02Q1.18-P-0005	Repl. 10" Intake Flush Line Gate		8/21/2018	2602	Q	311520	Pumping Equipment-Source of S	1,140.06	SEC	100%	1,140.06	
ADDITION	8	R26-02Q1.18-P-0005	Repl. 10" Intake Flush Line Gate		8/21/2018	2602	Q	311520	Pumping Equipment-Source of S	11,098.23	SEC	100%	11,098.23	
ADDITION	9	R26-02Q1.18-P-0005	Repl. 10" Intake Flush Line Gate		8/21/2018	2602	Q	311520	Pumping Equipment-Source of S	(29.73)	SEC	100%	(29.73)	
ADDITION	12	R26-02Q1.18-P-0005	Repl. 10" Intake Flush Line Gate		8/21/2018	2602	Q	311520	Pumping Equipment-Source of S	12,848.46	SEC	100%	12,848.46	
ADDITION	12	R26-02Q1.18-P-0005	Repl. 10" Intake Flush Line Gate		8/21/2018	2602	Q	311520	Pumping Equipment-Source of S	(12,848.46)	SEC	100%	(12,848.46)	
ADDITION	12	R26-02Q1.18-P-0005	Repl. 10" Intake Flush Line Gate		8/21/2018	2602	Q	311520	Pumping Equipment-Source of S	0.00	SEC	100%	-	
cost_of_removal	12	R26-02Q1.18-P-0005	Repl. 10" Intake Flush Line Gate		8/21/2018	2602	Q	311520	Pumping Equipment-Source of S	7,193.72	SEC	100%	7,193.72	
									•		•			
										\$20,042.18			\$20,042.18	

Tennessee-American Water Company Response to TAW_R_CADDR1_018 Invoices Related to Work Order R26-02Q1.18-P-0005

Source: SAP

Jource. JAI												
Company Code	Object	Document	Document Number	Cost Element	Cost element descr.	Val/COArea Crcy	Sales/Use Tax	Other Amounts	Actual Invoice	Posting Date	Offsetting	Name of offsetting account
		type									acct no.	
1026	R26-02Q1.18-P-0005	WE	1006525974	52500000	Misc Exp (O&M) - Natural Acct	4,224.00			4,224.00	8/1/2018	24164000	GRIR-Non-inventory
1026	R26-02Q1.18-P-0005	WE	1006612621	52000000	M & S (O&M) - Natural Account	2,603.75			2,603.75		23436000	A/P-GRIR CapSvc
1026	R26-02Q1.18-P-0005	WE	1006612621	53150000	Contract Svc-Other - Natural Account	10,325.00			10,325.00	8/23/2018	23436000	A/P-GRIR CapSvc

\$17,152.75 \$17,152.75

Docket # 19-00031 3 of 3

Tennessee-American Water Company Response to TAW_R_CADDR1_018 Invoices Related to Work Order R26-02Q1.18-P-0005

P	eriod	Fiscal Year	Document Header Text	Name	Purchasing Document	Item	Purchase order text
_							
8		2018			3000257264	1	#263617 10 MUL R2365-6 FLG OS&Y GV OLUL
8		2018		Change out 2 10" Gate Vives	5000112004	10	Change out 2 10" Gate Valves
8		2018		Labor	5000112004	20	Labor

 Invoice Number
 2984111000000

 Invoice Date
 Aug 22, 2018

 Supply Date
 Jun 20, 2018

 Currency
 USD (US Dollar)

 Purchase Order
 3000257264

 Payment Terms
 45 days net

Supplier
CONSOLIDATED PIPE & SUPPLY
CO
Birmingham, AL
US (United States)
PO Box 2153

Birmingham 35287-0002 205-323-7261 205-458-3907 Customer
Tennessee American Water
Company
131 Woodcrest Road
Cherry Hill, NJ 08003
US (United States)
8667778426

8566722876

Ship To Tennessee American Water 1003 Riverside Chattanooga, TN 37406 US (United States)

#	PO Item	Description	Unit	Qty	Unit Price	Line Total
1	1	#263617 10 MUL R2365-6 FLG OS&Y GV OLUL	Ea (Each)	2	\$2,112.00	\$4,224.00

 Subtotal
 \$4,224.00

 Total Tax Amount
 \$0.00

 Invoice Amount
 \$4,224.00



WE 1006612621 PO 5000112004

SOUTHEAST COMPANY INC PO BOX 2316

CHATTANOOGA, TN 37409

Voice: 423-867-2290 Fax: 423-867-4669

INVOICE

Invoice Number: 020182

Invoice Date: Aug 16, 2018

Page:

1

Bill To:

AM. WATER SHARED SERVICES C/O ACCOUNTS PAYABLE P.O. BOX 5608

CHERRY HILL, NJ 08034

Ship to:

AM. WATER SHARED SERVICES C/O ACCOUNTS PAYABLE P.O. BOX 5608 CHERRY HILL, NJ 08034

Customer ID	Customer PO	constance.	
TNAMER	5000112004	Net 45	Days
Sales Rep ID	Shipping Method	Ship Date	Due Date
	Airborne		9/30/18

	Airborne			9/30/18
Description		Unit Price	Amount	Job ID
CHANGE OUT (2) 10" GATE VALVES				S5472
LABOR			10,325.00	S5472
MATERIAL			2,603.75	S5472
	Subtotal			12,928.75
	Sales Tax			
	Total Invoice Amou	ınt		12,928.75
heck/Credit Memo No:	Payment/Credit Ap	plied		
	TOTAL			12,928.75

Tennessee-American Water Company Response to TAW_R_CADDR1_019 Cost Summary Related to Work Order R26-02M1.18-P-8006

Work Order	G/L Account	G/L Account Name	Utility Account	Utility Account Name	Amount
R26-02M1.18-P-8006	10630440	UPIS - Pumping Equipment-Source of Supply	304400	Struct & Imp-T&D	\$5,080.85
					0.00
					0.00
	25710000	Reg Liab - Cost of Removal RWIP			256.39
					\$5,337.24

Work Order	General Cost Type	General Cost Description	Amount
R26-02M1.18-P-8006	Labor	Labor & Related Costs	\$0.00
	Inventory	Materials Issued from Inventory	0.00
	Invoices	Contracted Services & Non-Inventory Materials	4,692.00
	AFUDC	Allowance for Funds Used During Construction	209.36
	Capital Accrual	Cost Accuals Related to Construction	0.00
	Overhead	Indirect Overhead	435.88
			\$5,337.24

From recon file "TAW_2018_Capital_Rider_Recon_Revised 5_16_19.xlsx" and tab "WKP_2018_Actuals". Source: Powerplant

Туре	Period	WBS	Description	In-Service Date	F	Profit center	Project #	Utility account	UA Naruc	Amount	Eligibility	Portion %	Adjusted Amount	Comments on Adjustments
ADDITION	12	R26-02M1.18-P-8006	CITICO Cabling		12/17/2018 2	1602	M	304400	Struct & Imp-T&D	15.27	SEC	100%	15.27	
ADDITION	12	R26-02M1.18-P-8006	CITICO Cabling		12/17/2018 2	1602	M	304400	Struct & Imp-T&D	5,065.58	SEC	100%	5,065.58	

\$5,080.85 \$5,080.85

Docket # 19-00031 2 of 3

Invoices Related to Work Order R26-02M1.18-P-8006

Source: SAP

Company Code	Object	Document	Document Number	Cost Element	Cost element descr.	Val/COArea Crcy	Sales/Use Tax	Other Amounts	Actual Invoice	Posting Date	Offsetting	Name of offsetting account
		type									acct no.	
1026	R26-02M1.18-P-8006	WE	1006262701	53150000	Contract Svc-Other - Natural Account	4,692.00)		4,692.00	5/9/2018	23436000	A/P-GRIR CapSvc

\$4,692.00 \$4,692.00

Docket # 19-00031 3 of 3

Tennessee-American Water Company Response to TAW_R_CADDR1_019 Invoices Related to Work Order R26-02M1.18-P-8006

Period	Fiscal Year	Document Header Text	Name	Purchasing Document	Item	Purchase order text
5	2018		CITICO Vendor meet\cabling replacement,	5000103974	10	CITICO Vendor meet\cabling replacement,

Invoice Number 4347

Invoice Date May 8, 2018

Currency USD (US Dollar)

Purchase Order 5000103974

Payment Terms 30 days net

Supplier

Microe Enterprises Inc

8 Heather Ct

Upper Saddle River, NJ 07458-1721

US (United States)

Customer

Tennessee American Water

Company

131 Woodcrest Road Cherry Hill, NJ 08003 US (United States)

Ship To

Chattanooga Prod 1003 Riverside Dr Chattanooga, TN 37406-4304

US (United States)

#	PO Item	Description	Unit	Qty	Unit Price	Line Total
1	10	CITICO Vendor meet\cabling replacement,	AU	1	\$4,692.00	\$4,692.00

 Subtotal
 \$4,692.00

 Total Tax Amount
 \$200.73

 Invoice Amount
 \$4,892.73



WE 1006262701 PO 5000103974

Microe Enterprises

8 Heather Court Upper Saddle River

Invoice

Date	Invoice #
5/8/2018	4347

Bill To	
AMERICAN WATER P.O. BOX 5606	
Cherry Hill, New Jersey 08034	

Ship To

CHATTANOOGA,TN (CITICO WTP)

VENDOR MEET & CABLING REPLACEMENT

PHIL LANDRETH

PO 5000103974

Balance Due

\$4,892.73

P.O. Number	Terms	Rep Ship Via F.		F.O.B.	Project	
MB2018-106	Net 30	KC	5/8/2018			
Quantity	Item Code		Descriptio	Price Each	Amount	
	Contract/Material Contract/Labor Travel	JOB MB2018- (CITICO WTP REPLACEME LANDRETH.	nt-Labor DE ENTERPRISES 106 FOR THE CH) VENDOR MEET NT. REQUESTED VATER PURCHAS	BY PHIL		2,170.00T 2,234.00
					Total	\$4,892.73
					Payments/Credits	\$0.00

Tennessee American Water Company Qualified Infrastructure Improvement Program Rider (QIIP) Economic Development Investment Rider (EDI) Safety and Environmental Compliance Rider (SEC) Reduction for Capitalized Performance Compensation

Year 2016 2015 2014 2013	Annual Performance Plan \$464,044 267,852 147,822 143,533 \$1,023,251	Long Term Performance Plan \$57,709 38,811 30,535 34,638 \$161,693	Total \$521,753 306,663 178,357 178,171 \$1,184,944	Actual Amount of Performance Compensation Capitalized \$60,844 46,737 38,826 67,630							
Year 2016 2015 2014 2013	50% of Annual Performance Plan \$232,022 133,926 73,911 71,767	Percentage of Capitalized Wages 29.33% 30.08% 29.03% 21.63%	50% of APP multiplied by Labor Capitalization Rate \$68,052 40,285 21,456 15,523	Actual Amount of Performance Compensation Capitalized \$60,844 46,737 38,826 67,630	Adjustment to Capital for Performance Compensation \$0 6,452 17,370 52,107	Revenue Reduction Calculation for 2013	Revenue Reduction Calculation for 2014 17,370 52,107	Revenue Reduction Calculation for 2015 6,452 17,370 52,107	Revenue Reduction Calculation for 2016 \$0 6,452 17,370 52,107	Revenue Reduction Calculation for 2017 \$0 6,452 17,370 52,107	Revenue Reduction Calculation for 2018 \$0 6,452 17,370 52,107
Total	\$511,626		\$145,316	\$214,037	\$75,929	\$52,107	\$69,477	\$75,929	\$75,929	\$75,929	\$75,929
		Pre-Tax Authorized Rate of Return: Pre-Tax Reduction on Capitalized AIP:			9.454% 4,926.38	9.454% 6,568.57	9.454% 7,178.58	9.454% 7,178.58	9.454% 7,178.58	9.454% 7,178.58	
		Depreciation Expens	se Reduction:	2.22%		1,154.17	1,538.91	1,681.83	1,681.83	1,681.83	composite rate based on 2016 actual depr 1,681.83 expense over actual additions
		Property and Franch	nise Taxes Reduction:			704.34	939.13	1,026.34	1,026.34	1,026.34	1,026.34 same as 2016 recon filing
		Revenue Reduction:				6,784.89	9,046.61	9,886.74	9,886.74	9,886.74	9,886.74
		Revenue Taxes Total Revenues with	Revenue Taxes Reduction		\$57,203.87	3.191% \$7,008.54	3.191% \$9,344.81	3.191% \$10,212.63	3.191% \$10,212.63	3.191% \$10,212.63	3.191% \$10,212.63
			QIIP	48.36%	\$9,877.26	\$0.00	\$0.00	\$0.00	\$0.00	\$4,938.63	% from total actual revenue requirement \$4,938.63 filed for 2016 reconciliation
			EDI	1.78%	364.54	0.00	0.00	0.00	0.00	182.27	% from total actual revenue requirement 182.27 filed for 2016 reconciliation % from total actual revenue requirement
			SEC	49.86%	10,183.46	0.00	0.00	0.00	0.00	5,091.73	5,091.73 filed for 2016 reconciliation
		Total Revenues with Revenue Taxes Reduction in this Filing				\$0.00 (1)	\$0.00 (1)	\$0.00 (1)	\$0.00 (1)	\$10,212.63	\$10,212.63

⁽¹⁾ These amounts from 2014-2016 have been zeroed out to reflect the revenue reduction being included in the 2016 reconciliation rate from docket #17-00020.

Tennessee-Amercian Water Docket # 19-00031 CADDR1_NUM025_081619

Gross Temporary Difference - NOL

	12/31/2017	2017 Return	TBBS	2017 Final		TBBS	12/31/2018
	Balance	true up	Adjustment	Balance	2018 Activity	Adjustment	Balance
NOL Federal	4,938,171	228,599	558,939	5,725,709	(2,450,927)	842,765	4,117,547