

November 7, 2017

VIA ELECTRONIC FILING

Hon. David Jones, Chairman
c/o Sharla Dillon
Tennessee Public Utility Commission
502 Deaderick Street, 4th Floor
Nashville, TN 37243

RE: Petition of Tennessee-American Water Company Regarding the 2018 Investment and Related Expenses Under the Qualified Infrastructure Investment Program Rider, the Economic Development Investment Rider and the Safety and Environmental Compliance Rider, TPUC Docket No. 17-00124

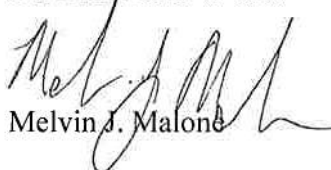
Dear Chairman Jones:

Pursuant to Tenn. Code Ann. § 65-5-103, *et seq.*, and the approved tariffs, as revised, in Tennessee Public Utility Commission Docket No. 13-00130, enclosed please find an electronic version of the *Petition of Tennessee-American Water Company Regarding the 2018 Investment and Related Expenses Under the Qualified Infrastructure Investment Program Rider, the Economic Development Investment Rider and the Safety and Environmental Compliance Rider* (the "*Petition*"), along with sworn testimony, exhibits and proposed tariffs. Set forth within the *Petition* is a request for the entry of a protective order in the same form applied in TPUC Docket No. 13-00130. Accompanying the electronic version are an original and four (4) hard copies of the *Petition* and supporting documentation.

We have also enclosed a check in the amount of \$25.00 for the required filing fee. An extra copy of this cover letter is also enclosed to be file-stamped for our records. Should you have any questions concerning this filing, or require additional information, please do not hesitate to let me know.

Very truly yours,

BUTLER SNOW LLP


Melvin J. Malone

clw

Enclosures

cc: Valoria Armstrong, President, Tennessee-American Water Company
Vance Broemel, Assistant Attorney General, Consumer Protection and Advocate Division
Daniel Whitaker, Assistant Attorney General, Consumer Protection and Advocate Division

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**BEFORE THE TENNESSEE PUBLIC UTILITY COMMISSION
NASHVILLE, TENNESSEE**

**PETITION OF TENNESSEE-
AMERICAN WATER COMPANY
REGARDING THE 2018 INVESTMENT
AND RELATED EXPENSES UNDER
THE QUALIFIED INFRASTRUCTURE
INVESTMENT PROGRAM RIDER,
THE ECONOMIC DEVELOPMENT
INVESTMENT RIDER AND THE
SAFETY AND ENVIRONMENTAL
COMPLIANCE RIDER**

DOCKET NO. _____

PETITION

Pursuant to Tennessee Code Annotated § 65-5-103 *et seq.*, and the Tennessee Public Utility Commission’s (“Commission” or “TPUC”) approval of the Amended Petition in TPUC Docket No. 13-00130 on April 14, 2014, Tennessee-American Water Company (“Tennessee American,” “TAWC” or “Company”) submits this Petition regarding its qualifiable 2018 investment and related expenses. Consistent with the action of the Commission in TPUC Docket No. 13-00130, and the approved tariffs submitted therein, and consistent with the decisions of the Commission in TPUC Docket Nos. 14-00121, 15-00029, 15-00111, 16-00022, 16-00126 and 17-00020,¹ Tennessee American states as follows in support of this Petition:

¹ TPUC Docket No. 14-00121 is the matter in which TAWC submitted its first annual petition subsequent to the approval of the Capital Recovery Rider tariffs in TPUC Docket No. 13-00130. The Commission deliberated on the merits of the Company’s petition in Docket No. 14-00121 on June 29, 2015, and TAWC submitted tariff filings compliant therewith on June 30, 2015 and August 28, 2015. *In Re: Petition of Tennessee-American Water Company for the Reconciliation of the 2015 Capital Riders*, TPUC Docket No. 15-00029, is the matter in which TAWC submitted its first petition in support of the reconciliation calculations for the Capital Recovery Riders subsequent to the approval of the Capital Recovery Rider tariffs in TPUC Docket No. 13-00130. The Commission deliberated on the merits of the Company’s petition in Docket No. 15-00029 on October 19, 2015, and TAWC submitted a tariff filing compliant therewith on October 28, 2015.

TPUC Docket No. 15-00111 is the matter in which TAWC submitted its second annual petition subsequent to the approval of the Capital Recovery Rider tariffs in TPUC Docket No. 13-00130. The Commission deliberated on the

I.

DESCRIPTION OF TENNESSEE AMERICAN

1. Tennessee American, a Tennessee corporation authorized to conduct a public utility business in the State of Tennessee, is a public utility as defined in Tenn. Code Ann. § 65-4-101, and provides residential, commercial, industrial and municipal water service, including public and private fire protection service, to Chattanooga and surrounding areas, including approximately 78,000 customers, that are subject to the jurisdiction of the Commission pursuant to Chapter 4 and Chapter 5 of Title 65 of the T.C.A. Tennessee American also serves customers in North Georgia. The rates for those customers are not regulated by the Public Service Commission of the State of Georgia, but are instead regulated by this Commission.

2. Tennessee American is a wholly-owned subsidiary of American Water Works Company, Inc., which is the largest water holding company in the United States, providing water and wastewater services to sixteen (16) million people in thirty-five (35) states and two (2) Canadian Provinces.

merits of the Company's petition in Docket No. 15-00111 on March 14, 2016, and TAWC submitted a tariff filing compliant therewith on March 21, 2016. *In Re: Petition of Tennessee-American Water Company for the Reconciliation of the 2015 Capital Riders*, TPUC Docket No. 16-00022, is the matter in which TAWC submitted its second petition in support of the reconciliation calculations for the Capital Recovery Riders subsequent to the approval of the Capital Recovery Rider tariffs in TPUC Docket No. 13-00130. The Commission deliberated on the merits of the Company's petition in Docket No. 16-00022 on October 10, 2016, and TAWC submitted a tariff filing compliant therewith on October 14, 2016.

TPUC Docket No. 16-00126 is the matter in which TAWC submitted its third annual petition subsequent to the approval of the Capital Recovery Rider tariffs in TPUC Docket No. 13-00130. The Commission deliberated on the merits of the Company's petition in Docket No. 16-000126 on March 13, 2017, and TAWC submitted a tariff filing compliant therewith on March 17, 2017. *In Re: Petition of Tennessee-American Water Company for the Reconciliation of the 2016 Capital Riders*, TPUC Docket No. 17-00020, is the matter in which TAWC submitted its third petition in support of the reconciliation calculations for the Capital Recovery Riders subsequent to the approval of the Capital Recovery Rider tariffs in TPUC Docket No. 13-00130. The Commission deliberated on the merits of the Company's petition in Docket No. 17-00020 on August 15, 2017, and TAWC submitted a tariff filing compliant therewith on August 29, 2017.

3. Tennessee American's principal place of business is located at 109 Wiehl Street, Chattanooga, Tennessee 37406.

4. All correspondence and communication with respect to this Petition should be sent to the following:

Linda Bridwell
Manager of Rates and Regulation – Tennessee and Kentucky
Kentucky American Water Company
2300 Richmond Road
Lexington, KY 40502
Linda.Bridwell@amwater.com
(859) 268-6373 (office)
(859) 268-6374 (fax)

Melvin J. Malone
Butler Snow LLP
The Pinnacle at Symphony Place
150 3rd Avenue South, Suite 1600
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(615) 651-6701 (fax)

II.

BACKGROUND

5. In 2013, the Tennessee General Assembly passed House Bill 191, which revised Tenn. Code Ann. § 65-5-103 to allow alternative regulatory methods and mechanisms that recover certain costs without convening a general rate case, as long as specific criteria are satisfied, including, but not limited to, the Commission making a finding, prior to approval, that such alternative methods and mechanisms are in the public interest.

6. On October 4, 2013, Tennessee American submitted a Petition (the "*October 2013 Petition*") seeking approval of four (4) proposed alternative regulatory methods and mechanisms as permitted under Tenn. Code Ann. § 65-5-103 *et seq.* More specifically, the

Company sought approval for a Qualified Infrastructure Investment Program Rider (“QIIP”),² an Economic Development Investment Rider (“EDI”),³ a Safety and Environmental Compliant Rider (“SEC”) ⁴ and a Pass-Throughs mechanism for Fuel, Purchased Power, Chemicals, Purchased Water, Wheeling Water Costs, Waste Disposal and TPUC Inspection Fee (“PCOP”).⁵⁶ One of the primary regulatory concepts underlying the then-proposed Capital Riders and PCOP was to allow, with the requisite safeguards to serve the public interest, smaller, gradual increases in rates and thereby lessen the occurrence of “rate shock.” One of the many benefits of this new, more streamlined recovery approach would be the likelihood of less frequent rate case filings.

7. On January 10, 2014, the Company and the Attorney General and Reporter for the State of Tennessee, through the Consumer Advocate and Protection Division (“CAPD” or “Consumer Advocate”), submitted a Stipulation in TPUC Docket No. 13-00130 (the “*Stipulation*”), resolving the contested issues presented and offering the *Stipulation* to the Commission for its review, consideration and approval. Considering the *Stipulation* and the supporting documentation as an Amended Petition, the Commission approved the Capital Riders and the PCOP on April 14, 2014.⁷

² The QIIP Rider is designed, in part, to mitigate regulatory lag, to accelerate the timeframe of essential infrastructure upgrades and replacements, and to produce a safer and more reliable water distribution and production system for ratepayers. Additionally, this mechanism has many other customer benefits and protections, including the lessening of the occurrence of “rate shock” associated with Base Rate increases.

³ The EDI Rider is designed, in part, to promote the public interest by supporting and enhancing Tennessee American’s ability to serve both growing and new businesses and by permitting the Company to prudently promote economic development, growth and expansion in its service area.

⁴ Generally, the SEC Rider supports the Company’s ability to serve the public interest by providing safe and reliable drinking water. The current regulatory environment, coupled with aging infrastructure, will require a larger investment in safety and environmental compliance not previously recognized in the Company’s rates. Hence, one of the benefits of this rider is avoiding “rate shock” by permitting smaller, more gradual rate increases over time.

⁵ The PCOP is designed to streamline the recovery process by permitting Tennessee American to recover the largest non-labor related component of the Company’s operations and maintenance expenses in a more timely manner, as increases in these essential and non-discretionary expenses (such as chemicals and power) are outside the control of the Company’s management.

⁶ For ease of reference, the QIIP, the EDI and the SEC are referred to collectively herein as the “Capital Recovery Riders.”

⁷ *Transcript of Proceedings, In the Matter of Tennessee Public Utility Commission Conference*, TPUC Docket No. 13-00130, pp. 14-16 (April 14, 2014) (excerpt) (hereinafter “*Hearing Tr.*”).

III.

THE APPROVED CAPITAL RECOVERY RIDERS, PCOP AND THIS PETITION

8. Detailed explanations of the Capital Recovery Riders and the PCOP, along with underlying supporting documentation, are set forth in the Direct, Rebuttal and Supplemental Testimony of Gary M. VerDouw in TPUC Docket No. 13-00130.⁸ Moreover, the Company's revised tariff sheets setting forth the Capital Recovery Riders, the PCOP, and the regulatory safeguards related thereto, were submitted in TPUC Docket No. 13-00130 on March 25, 2014, and approved by the Commission as part of the Amended Petition on April 14, 2014 (hereinafter referred to as the "*Approved Tariffs*").

9. In its April 14, 2014, deliberations in TPUC Docket No. 13-00130, the Commission determined, after a review of the evidentiary record, including the *Stipulation* and the *Approved Tariffs*, that the proposed Capital Recovery Riders and the PCOP were reasonable and that the *Approved Tariffs* met the requirements of Tenn. Code Ann. § 65-5-103 *et seq.*⁹ As set forth in the *Approved Tariffs*, the Commission noted that the Capital Recovery Riders and the PCOP would not only accommodate a more timely recovery process for necessary costs and expenses, but also that these methods and mechanisms would further avoid the delay and expense commonly associated with full blown rate case proceedings.¹⁰ Finally, the Commission found that the Amended Petition to be in the public interest.¹¹

10. As set forth in the *Approved Tariffs*, on or before December 1 of each year, Tennessee American is required to file with the Commission its QIIP Rider projections for the upcoming calendar year in the manner, and with the accompanying support, required by the

⁸ The Testimony of CAPD Witness William H. Novak in TPUC Docket No. 13-00130 likewise aided in shaping the *Stipulation* and the Amended Petition as well.

⁹ *Hearing Tr.* at 14-16.

¹⁰ *Id.* at 15.

¹¹ *Id.*

Approved Tariffs and the Commission. As contemplated in the *Approved Tariffs*, the QIIP Rider projections for the upcoming year will become effective January 1 and will be applied as an adjustment to Customers' bills for the remainder of the calendar year. On or before March 1 of each year, the Company will file with the Commission, in the manner, and with the accompanying support, required by the *Approved Tariffs* and the Commission, an annual reconciliation of the results of the operation of the QIIP Rider for the 12-month period between such annual adjustments. This Petition represents the anticipated "on or before December 1 filing" outlining TAWC's QIIP Rider projections for 2018.

11. As set forth in the *Approved Tariffs*, on or before December 1 of each year, Tennessee American is required to file with the Commission its EDI Rider projections for the upcoming calendar year in the manner, and with the accompanying support, required by the *Approved Tariffs* and the Commission. As contemplated in the *Approved Tariffs*, the EDI Rider projections for the upcoming year will become effective January 1 and will be applied as an adjustment to Customers' bills for the remainder of the calendar year. On or before March 1 of each year, the Company will file with the Commission, in the manner, and with the accompanying support, required by the *Approved Tariffs* and the Commission, an annual reconciliation of the results of the operation of the EDI Rider for the 12-month period between such annual adjustments. This Petition represents the anticipated "on or before December 1 filing" outlining TAWC's EDI Rider projections for 2018.

12. As set forth in the *Approved Tariffs*, on or before December 1 of each year, Tennessee American is required to file with the Commission its SEC Rider projections for the upcoming calendar year in the manner, and with the accompanying support, required by the *Approved Tariffs* and the Commission. As contemplated in the *Approved Tariffs*, the SEC Rider

projections for the upcoming year will become effective January 1 and will be applied as an adjustment to Customers' bills for the remainder of the calendar year. On or before March 1 of each year, the Company will file with the Commission, in the manner, and with the accompanying support, required by the *Approved Tariffs* and the Commission, an annual reconciliation of the results of the operation of the SEC Rider for the 12-month period between such annual adjustments. This Petition represents the anticipated "on or before December 1 filing" outlining TAWC's SEC Rider projections for 2018.¹²

13. In further support of its Petition, Tennessee American has simultaneously filed the following direct testimony, which is incorporated herein by reference:

(a) **Direct Testimony of Linda Bridwell**, which provides the underlying support for the calculation of the Capital Riders for 2018 and related issues and sponsors certain Tennessee American Exhibits;¹³ and

(b) **Direct Testimony of Brent O'Neill**, which outlines the planned investment for the QIIP, the EDI and the SEC Riders for 2018 and sponsors certain Tennessee American Exhibits.

14. Tennessee American has filed simultaneously with this Petition the necessary tariffs.

15. In order to ensure the timely submission of relevant information in this matter, Tennessee American hereby requests the entry of a protective order similar to that approved in

¹² The PCOP differs from the Capital Riders in that it is based upon actual historical expense increases, rather than a forward-looking, projection mechanism. Pursuant to the *Approved Tariffs*, the historical period that will next be reviewed under the PCOP does not end until November 30, 2016. Therefore, the PCOP is not included within this Petition.

¹³ TAWC Witness Linda C. Bridwell's testimony also includes an exhibit (**Petitioner's Exhibit – Annual Approved Tariffs – LCB**) that summarizes and reflects each of the annual approvals under the Capital Recovery Riders and demonstrates the progression of the approved Capital Recovery Riders.

TPUC Docket No. 13-00130. Such a proposed protective order is attached hereto as **EXHIBIT A**.

16. Tennessee American submits that the Petition, and its accompanying support documentation, are consistent with Tenn. Code Ann. § 65-5-103 *et seq.*, consistent with the action of the Commission on the Amended Petition in TPUC Docket No. 13-00130, consistent with the decisions of the Commission in TPUC Docket Nos. 14-00121, 15-00029, 15-00111, 16-00022, 16-00126 and 17-00020, and consistent with and serve the public interest. Therefore, this Petition and Tennessee American's associated tariffs should be approved.

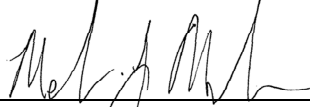
WHEREFORE, Tennessee American respectfully requests:

1. That the Commission approve this Petition and issue an order pursuant to Tenn. Code Ann. § 65-5-103 *et seq.* and consistent with the action of the Commission on the Amended Petition and subsequent related Commission decisions in TPUC Docket Nos. 14-00121, 15-00029, 15-00111, 16-00022, 16-00126 and 17-00020;
2. That the Commission approve the proposed Qualified Infrastructure Investment Program Rider changes as submitted herein;
3. That the Commission approve the proposed Economic Development Investment Rider changes as submitted herein;
4. That the Commission approve the proposed Safety and Environmental Compliance Rider changes as submitted herein;
5. That the Commission approve Tennessee American's tariffs, as submitted herein, as soon as is practicable;
6. That the Commission timely enter a protective order in this matter; and

7. That the Commission grant such other and/or further relief as may be warranted.

This the 7th day of November, 2017.

RESPECTFULLY SUBMITTED,



MELVIN J. MALONE (BPR #013874)

Butler Snow LLP

150 3rd Avenue South, Suite 1600

Nashville, TN 37201

melvin.malone@butlersnow.com

(615) 651-6705

Attorneys for Tennessee-American Water Company

Dated: November 7, 2017

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:

Vance Broemel, Esq.
Assistant Attorney General
Office of the Tennessee Attorney General
Consumer Protection and Advocate Division
P.O. Box 20207
Nashville, TN 37202-0207
Vance.Broemel@ag.tn.gov

Daniel Whitaker, Esq.
Assistant Attorney General
Office of the Tennessee Attorney General
Consumer Protection and Advocate Division
P.O. Box 20207
Nashville, TN 37202-0207
Daniel.Whitaker@ag.tn.gov

This the 7th day of November, 2017.



Melvin J. Malone

EXHIBIT A

**BEFORE THE TENNESSEE PUBLIC UTILITY COMMISSION
NASHVILLE, TENNESSEE**

**PETITION OF TENNESSEE-)
AMERICAN WATER COMPANY)
REGARDING THE 2018 INVESTMENT)
AND RELATED EXPENSES UNDER)
THE QUALIFIED INFRASTRUCTURE)
INVESTMENT PROGRAM RIDER,)
THE ECONOMIC DEVELOPMENT)
INVESTMENT RIDER AND THE)
SAFETY AND ENVIRONMENTAL)
COMPLIANCE RIDER)**

DOCKET NO. _____

PROTECTIVE ORDER

To expedite the flow of filings, discovery, exhibits and other materials, and to facilitate the prompt resolution of disputes regarding confidentiality of the material, adequately protect material entitled to be kept confidential and to ensure that protection is afforded only to material so entitled, the Hearing Officer, as appointed by the Tennessee Public Utility Commission (“TPUC”), hereby orders the following:

1. For the purpose of this Protective Order (the “Order”), proprietary or confidential information, hereinafter referred to as “CONFIDENTIAL INFORMATION” shall mean documents and information in whatever form which the producing party, in good faith, deems to contain or constitute trade secrets, confidential commercial information, confidential research, development, financial statements, confidential data of third parties, or other commercially sensitive information, and which has been specifically designated by the producing party. A “Producing Party” is defined as the party creating the confidential information as well as the party having actual physical possession of information produced pursuant to this Order. All summaries, notes, extracts, compilations or other direct or indirect reproduction from or of any

protected materials shall be entitled to protection under this Order. Documents containing CONFIDENTIAL INFORMATION shall be specifically marked as “CONFIDENTIAL” on the cover and each page of the document. Any document so designated shall be handled in accordance with this Order. The provisions of any document containing CONFIDENTIAL INFORMATION may be challenged under Paragraph 12 of this Order.

2. Any individual or company subject to this Order, including producing parties or persons reviewing CONFIDENTIAL INFORMATION, shall act in good faith in discharging their obligations hereunder. Parties permitted to intervene in this matter after the date of entry of this Protective Order shall be subject to the terms and conditions of this Protective Order and will be allowed access to CONFIDENTIAL INFORMATION under the conditions prescribed herein.

3. CONFIDENTIAL INFORMATION shall be used only for the purposes of this proceeding, and shall be expressly limited and disclosed only to the following persons:

(a) Counsel of record for the parties and other legal counsel for the parties in this case and associates, secretaries and paralegals actively engaged in assisting counsel of record in this proceeding;

(b) TPUC Directors and members of the staff of the TPUC;

(c) Officers, directors, or employees of the parties, including employees of intervenors and the Office of the Tennessee Attorney General; provided, however, that CONFIDENTIAL INFORMATION shall be shown only to those persons having a need to know;

(d) Representatives of the parties who need to know because they are actively engaged in assisting counsel of record in preparing for this proceeding; and

(e) Outside consultants and expert witnesses (and their Staff) employed or retained by the parties or their counsel, who need access to CONFIDENTIAL INFORMATION solely for evaluation, testing, testimony, preparation for trial or other services related to this docket, provided that to the extent that any party seeks to disclose CONFIDENTIAL INFORMATION to any outside consultant or expert witness, the party shall give five (5) days written notice to the Producing Party of intention to disclose CONFIDENTIAL INFORMATION. During such notice period, the Producing Party may move to prevent or limit disclosure for cause, in which case no disclosure shall be made until the TPUC or the Hearing Officer rules on the motion. Any such motion shall be filed within three (3) days after service of the notice. Any response shall be filed within three (3) days after service of the Motion. A Pre-Hearing Conference may be called to confer with the parties on the Motions to Limit Disclosure. All service shall be by hand delivery, facsimile or email. All filings by email in this docket shall be followed up by delivering a hard copy of the filing to the Docket Manager of the TPUC.

4. Notwithstanding the provisions in Paragraph 3 above, under no circumstances shall any CONFIDENTIAL INFORMATION be disclosed to or discussed with anyone associated with the marketing of products, goods, or services that may be in competition with the products, goods or services of the Producing Party. Counsel for the parties are expressly prohibited from disclosing CONFIDENTIAL INFORMATION produced by another party to their respective clients, except for in-house counsel and persons who need to know in order to assist counsel of record with preparation of this case.

5. (a) Prior to disclosure of CONFIDENTIAL INFORMATION to any employee or associate counsel for a party, the counsel representing the party who is to

receive the CONFIDENTIAL INFORMATION shall provide a copy of this Order to the recipient employee or associate counsel, who shall be bound by the terms of this Order. Prior to disclosure of CONFIDENTIAL INFORMATION to any outside consultant or expert witness employed or retained by a party, counsel shall provide a copy of this Order to such outside consultant or expert witness, who shall sign the Nondisclosure Statement in the form of that attached to this Order attesting that he or she has read a copy of this Order, that he or she understands and agrees to be bound by the terms of this Order, and that he or she understands that unauthorized disclosure of documents labeled "CONFIDENTIAL" constitutes a violation of this Order. The Nondisclosure Statement shall be signed in the presence of and be notarized by a notary public. Counsel of record for each party shall provide the Producing Party a copy of each such Nondisclosure Statement and shall keep the Nondisclosure Statements executed by the parties' experts or consultants on file in their respective offices.

(b) Disclosure of CONFIDENTIAL INFORMATION other than as provided for in this Protective Order shall not be made to any person or entity except with the express written consent of the Producing Party or upon further order of the TPUC or of any court of competent jurisdiction.

6. If any party or non-party subject to this Order inadvertently fails to designate documents as CONFIDENTIAL in accordance with the provisions of this Order when producing the documents this failure shall not constitute a waiver of confidentiality, provided the party or non-party who has produced the document shall notify the recipient of the document in writing within five (5) days of discovery of such inadvertent failure to designate the document as CONFIDENTIAL. At that time, the recipients will immediately treat the subject document as

CONFIDENTIAL. In no event shall the TPUC, or any party to this Order, be liable for any claims or damages resulting from the disclosure of a document provided while not so labeled as “CONFIDENTIAL.” An inadvertent failure to designate a document as CONFIDENTIAL, shall not, in any way, affect the TPUC’s determination as to whether the document is entitled to CONFIDENTIAL status.

7. If any party or non-party subject to this Order inadvertently fails to designate documents as CONFIDENTIAL in accordance with the provisions of this Order when producing such documents and the failure is not discovered in time to provide a five (5) day notification to the recipient of the confidential nature of the documents referenced in the paragraph above, the failure shall not constitute a waiver of confidentiality and a party by written motion or by oral motion at a Pre-Hearing Conference or at the Hearing on the Merits may request designation of the documents as CONFIDENTIAL, and if the motion is granted by the Hearing Officer or the Commission, the recipients shall immediately treat the subject documents as CONFIDENTIAL. The Tennessee Public Utility Commission or the Hearing Officer may also, at his or her discretion, either before or during the Pre-Hearing Conference or Hearing on the Merits of the case, allow information to be designated CONFIDENTIAL and treated as such in accordance with the terms of this Order.

8. Any papers filed in this proceeding that contain, quote, paraphrase, compile or otherwise disclose documents covered by the terms of this Order, or any information contained therein, shall be filed and maintained in the TPUC Docket Room in sealed envelopes marked CONFIDENTIAL and labeled to reflect the style of this proceeding, the docket number, the contents of the envelope sufficient to identify its subject matter and this Protective Order. The envelopes shall be maintained in a locked filing cabinet. The envelopes shall not be opened or

their contents reviewed by anyone except upon order of the TPUC or the Hearing Officer after due notice to counsel of record. The filing party shall also include with the filing a public version of the papers with any CONFIDENTIAL INFORMATION redacted. The public version shall reflect the style of the proceeding, the docket number, the contents of the envelope sufficient to identify its subject matter and shall reference this Protective Order. Notwithstanding the foregoing, the Directors and the Staff of the TPUC may review any paper filed as CONFIDENTIAL without obtaining an order of the TPUC or the Hearing Officer provided the Directors and Staff maintain the confidentiality of the paper in accordance with the terms of this Order.

9. Documents, information and testimony designated as CONFIDENTIAL or PROTECTED SECURITY MATERIALS (as defined in Paragraph 20) in accordance with this Order, may be used in testimony at the Hearing of this proceeding and offered into evidence or used in any hearing related to this action in a manner that protects the confidentiality of the information, subject to the Tennessee Rules of Evidence and to such future orders as the TPUC or the Hearing Officer may enter. Any party intending to use documents, information, or testimony designated CONFIDENTIAL or PROTECTED SECURITY MATERIALS shall inform the Producing Party and the TPUC or the Hearing Officer prior to the Hearing on the Merits of the case, of the proposed use; and shall advise the TPUC or the Hearing Officer and the Producing Party before use of the information during witness examinations so that appropriate measures can be taken by the TPUC or the Hearing Officer to protect the confidential nature of the information.

10. Except for documents filed in the TPUC Docket Room, all documents covered by the terms of this Order that are disclosed to the requesting party shall be maintained separately in

files marked CONFIDENTIAL and labeled with reference to this Order at the offices of the requesting party's counsel of record, kept in a secure place and returned to the Producing Party pursuant to Paragraph 17 of this Order.

11. Nothing herein shall be construed as preventing any party from continuing to use and disclose any information (a) that is in the public domain, or (b) that subsequently becomes part of the public domain through no act of the party, or (c) that is disclosed to it by a third party, where said disclosure does not itself violate any contractual or legal obligation, or (d) that is independently developed by a party, or (e) that is known or used by it prior to this proceeding. The burden of establishing the existence of (a) through (e) shall be upon the party attempting to use or disclose the information.

12. Any party may contest the designation of any document or information as CONFIDENTIAL or PROTECTED SECURITY MATERIALS by filing a Motion with the TPUC or Hearing Officer as appropriate, for a ruling that the documents, information or testimony should not be so treated. Upon the filing of such a motion, the designating party shall bear the burden of supporting its designation of the documents or information at issue as CONFIDENTIAL INFORMATION. All documents, information and testimony designated as CONFIDENTIAL or PROTECTED SECURITY MATERIALS, however, shall be maintained as such until the TPUC or the Hearing Officer orders otherwise. A Motion to contest must be filed not later than fifteen (15) days prior to the Hearing on the Merits. Any Reply seeking to protect the status of CONFIDENTIAL INFORMATION or PROTECTED SECURITY MATERIALS must be received not later than ten (10) days prior to the Hearing on the Merits and shall be presented to the Commission at the Hearing on the Merits for a ruling.

13. Nothing in this Order shall prevent any party from asserting any objection to discovery other than an objection based upon grounds of confidentiality.

14. Non-party witnesses shall be entitled to invoke the provisions of this Order by designating information disclosed or documents produced for use in this action as CONFIDENTIAL, in which event the provisions of this Order shall govern the disclosure of information or documents provided by the non-party witness. A designation of information as CONFIDENTIAL by a non-party witness may be challenged under Paragraph 12 of this Order.

15. No person authorized under the terms herein to receive access to documents, information, or testimony designated as CONFIDENTIAL shall be granted access until such person has complied with the requirements set forth in Paragraph 5 of this Order.

16. Any person to whom disclosure or inspection is made in violation of this Order shall be bound by the terms of this Order.

17. Upon entry of a final order in this proceeding, and the conclusion of any appeals resulting therefrom, all the filings, exhibits and other materials and information designated CONFIDENTIAL or PROTECTED SECURITY MATERIALS and all copies thereof shall be returned to counsel for the party who produced (or originally created) the filings, exhibits and other materials, within fifteen (15) days. Notwithstanding any provision herein to the contrary, the requirement of this paragraph shall become operative immediately upon any intervenor who withdraws or otherwise ceases to be a party to the case, even though the case itself may continue to be pending. Subject to the requirements of Paragraph 8 above, the TPUC shall retain copies of information designated as CONFIDENTIAL or PROTECTED SECURITY MATERIALS as may be necessary to maintain the record of this case intact. Counsel who received the filings, exhibits and other materials, designated as CONFIDENTIAL or PROTECTED SECURITY

MATERIALS shall certify to counsel for the Producing Party that all the filings, exhibits and other materials, plus all copies or extracts, notes or memorandums from the filings, exhibits and other materials, and all copies of the extracts from the filings, exhibits and other materials thereof have been delivered to counsel for the Producing Party or destroyed and that with respect to any electronic copies of CONFIDENTIAL INFORMATION or PROTECTED SECURITY MATERIALS received or mentioned by the receiving party, all reasonable efforts have been undertaken to eliminate said information. If any electronic CONFIDENTIAL INFORMATION or PROTECTED SECURITY MATERIALS cannot be eliminated through the use of reasonable efforts, any such remaining materials shall be subject to the continuing restrictions contained in paragraph eighteen (18) of this Order.

18. After termination of this proceeding, the provisions of this Order relating to the confidential nature of CONFIDENTIAL INFORMATION or PROTECTED SECURITY MATERIALS, information and testimony shall continue to be binding upon parties herein and their officers, employers, employees, agents, and/or others unless this Order is vacated or modified or is supplanted by an order of the court or courts before which is pending a challenge to any order entered in this proceeding.

19. Nothing herein shall prevent entry of a subsequent order, upon an appropriate showing, requiring that any documents, information or testimony designated as CONFIDENTIAL shall receive protection other than that provided herein.

20. In addition to the other provisions of this Order, Tennessee American Water Company (“the Company”) may designate and label as “PROTECTED SECURITY MATERIALS” documents and information related to security measures undertaken to protect public health and safety. The Company shall provide access to PROTECTED SECURITY

MATERIALS to TPUC Directors and members of the staff of the TPUC and further only to authorized representatives of the Intervenors in this docket.

21. The Company shall provide access to an authorized representative to PROTECTED SECURITY MATERIALS only after such authorized representative has executed a Nondisclosure Statement in the form of that attached to this Order and provided a copy to the Company. Except, with consent of the Company: (i) access shall be at the offices of the Company or its counsel of record and under supervision of the Company; (ii) PROTECTED SECURITY MATERIALS shall not be removed from the offices of the Company or its counsel; (iii) no copies shall be provided to an authorized representative except as provided herein. Authorized representatives may make notes or memoranda from a review of the PROTECTED SECURITY MATERIALS and may remove such notes and memoranda. In all other respects such notes and memoranda shall remain PROTECTED SECURITY MATERIALS and subject to the provisions hereof. PROTECTED SECURITY MATERIALS shall be used only to assist TPUC staff or any other party to prepare for and to try this proceeding and shall not be used for any other purpose in this or any other jurisdiction.

22. Except as provided in this Order, the contents of PROTECTED SECURITY MATERIALS to which the TPUC staff or other party is given access, and any notes, memoranda, or any form or information or opinions regarding or derived from the PROTECTED SECURITY MATERIALS shall not be disclosed to anyone other than an authorized representative in accordance with the Order, except that an authorized representative may disclose his or her conclusions or findings solely within, and for the purposes of, this proceeding and in accordance with this Order. PROTECTED SECURITY MATERIALS shall not otherwise be published, disclosed or divulged except as expressly provided herein. The TPUC Directors,

TPUC staff and any other party shall treat all notes memoranda or opinions regarding or derived from the PROTECTED SECURITY MATERIALS as confidential and shall keep them in a secure location with access limited to an authorized representative, and the contents of PROTECTED SECURITY MATERIALS and any information derived from them shall be considered highly confidential, and shall not be deemed public records. The TPUC staff, any party, Hearing Officer, or the TPUC Directors may discuss any position or conclusion regarding security expenditures and testimony in briefs, orders, pleadings, or hearings in this proceeding without disclosing protected information to the public in accordance with this Order.

23. The Attorney General and his staff have authority to enter into Nondisclosure Agreements pursuant to Tenn. Code Ann. § 65-4-118 which are consistent with state and federal law, regulations and rules.

24. The Attorney General and his staff agree to keep CONFIDENTIAL INFORMATION in a secure place and will not permit them to be seen by any person who is not an employee of the State of Tennessee, the Office of Attorney General and Reporter, or a person who has not signed a Nondisclosure Agreement.

25. The Attorney General and his staff may make copies of CONFIDENTIAL INFORMATION or any portion thereof. To the extent permitted by state and federal law, regulations and rules, all notes utilizing supporting information shall be subject to the terms of this Order to the extent factual assertions are derived from the supporting information.

26. To the extent permitted by state law, the Attorney General will provide timely notice of filing or disclosure in the discharge of the duties of the Office of the Attorney General and Reporter, pursuant to Tenn. Code Ann. § 10-7-504(a)(5)(C) or any other law, regulation or rule, so that the Company may take action relating to disclosure.

27. CONFIDENTIAL INFORMATION is subject to this Protective Order, which is entered pursuant to the Tennessee Rules of Civil Procedure. If any person or entity subject to this Protective Order receives a request or subpoena seeking the disclosure or production of information labeled as “CONFIDENTIAL INFORMATION” by a party, such person or entity shall give prompt written notice to the TPUC Hearing Officer and the party within not more than five (5) days of receiving such a request, subpoena or order and: (i) shall respond to the request, subpoena or order, in writing, stating that the CONFIDENTIAL INFORMATION is protected pursuant to this Protective Order; and (ii) shall not disclose or produce such CONFIDENTIAL INFORMATION unless and until subsequently ordered to do so by a court of competent jurisdiction. This Protective Order shall operate as an exception to the Tennessee Public Records Act, as set forth in the language of Tenn. Code Ann. § 10-7- 503(a) “. . . unless otherwise provided by state law.” (See, e.g., Ballard v. Herzke, 924 S.W.2d 652 (Tenn. 1996); Arnold v. City of Chattanooga, 19 S.W.3d 779 (Tenn. Ct. App. 1999) (holding that “state law” includes the Tennessee Rules of Civil Procedure)). Because this Protective Order is issued pursuant to the Tennessee Rules of Civil Procedure, this Order creates an exception to any obligations of the Attorney General, including attorneys and members of their staff, as to the Public Records Act and other open records statutes as to CONFIDENTIAL INFORMATION. In the event that any court of competent jurisdiction determines in the course of a lawsuit brought as a result of a person’s or entity’s fulfillment of the obligations contained in this paragraph that information designated as “CONFIDENTIAL INFORMATION” by a party is not CONFIDENTIAL INFORMATION as defined in paragraph 1 of this Protective Order, then the party designating the information as “CONFIDENTIAL INFORMATION” shall be responsible for all costs associated with or assessed in the lawsuit. This Protective Order acknowledges the role and

responsibilities of the Attorney General and the Attorney General's staff, as set forth in Title 8, Chapter 6 of the Tennessee Statutes, beyond the duties associated with the Consumer Advocate and Protection Division, as prescribed in Tenn. Code Ann. § 65-4-118. This Protective Order is not intended to conflict with the Attorney General's role and responsibilities, especially the investigative functions, as set forth in Title 8, Chapter 6. For there to be compliance with this Protective Order, any CONFIDENTIAL INFORMATION shared outside of the Consumer Advocate and Protection Division must be provided the full and complete protection afforded other confidential or protected information in the control and custody of the Attorney General.

28. The designation of any information, documents or things in accordance with this Order as constituting or containing confidential or proprietary information the Attorney General's, or their respective staff's, treatment of such material as confidential or proprietary in compliance with this Order is not an admission or agreement by the Attorney General, or their respective staff, that the material constitutes or contains confidential commercial information or trade secret information and shall not be deemed to be either a waiver of the right to challenge such designation or an acceptance of such designation. The Company agrees to designate information, documents or things provided to the Attorney General as confidential commercial information or trade secret if it has a good faith basis for the claim. The Company will upon request of the Attorney General, or their respective staff, provide a written explanation of the details, including statutory authority, that support its confidential commercial information or trade secret claim within five (5) days of a written request. The Company also specifically agrees that it will not designate any documents as CONFIDENTIAL INFORMATION or label such documents as "CONFIDENTIAL" if the documents:

(a) have been distributed to the public, consumers or others, provided that proprietary customer information provided by the Company to its customers or their marketers may be designated as CONFIDENTIAL INFORMATION; or

(b) are not maintained by the Company as confidential commercial information or trade secrets or are not maintained by the Company as proprietary customer information.

29. Nothing in this Order shall prevent the Attorney General from using the CONFIDENTIAL INFORMATION received for investigative purposes in the discharge of the duties of the Office of the Attorney General and Reporter. Additionally, nothing in this Order shall prevent the Attorney General from informing state officials and third parties of the fact of an investigation, as needed, to conduct the investigation. Without limiting the scope of this paragraph, nothing in this Order shall prevent the Attorney General from contacting consumers whose names were provided by the Company or from discussing with any consumer any materials that he or she allegedly received from the Company or confirming that a consumer actually received the materials, to the extent that the Attorney General or his staff does so in a manner that complies with the provisions of this Order.

30. The terms of the foregoing paragraphs 23 through 29 do not apply to PROTECTED SECURITY MATERIALS as set forth in paragraphs 20-22 of this Order. PROTECTED SECURITY MATERIALS shall be treated in accordance with paragraphs 20-22.

31. All information, documents and things designated as CONFIDENTIAL INFORMATION or PROTECTED SECURITY MATERIALS and produced in accordance with this Order may be disclosed in testimony or offered into evidence at any TPUC or court hearing, trial, motion or proceeding of this matter, subject to the provisions of this Order, including

paragraph 9, and the applicable Rules of Evidence. The party who produced the information, documents and things designated as CONFIDENTIAL INFORMATION or PROTECTED SECURITY MATERIALS agrees to stipulate to the authentication of such information, documents and things in any such proceeding.

32. Nothing in this Order is intended to restrict or alter federal or state laws, regulations or rules.

33. Any person who has signed a Nondisclosure Statement or is otherwise bound by the terms of this Order shall continue to be bound by this Order and/or Nondisclosure Statement even if no longer employed or engaged by the TPUC or Intervenors.

**BEFORE THE TENNESSEE PUBLIC UTILITY COMMISSION
NASHVILLE, TENNESSEE**

**PETITION OF TENNESSEE-)
AMERICAN WATER COMPANY)
REGARDING THE 2018 INVESTMENT)
AND RELATED EXPENSES UNDER)
THE QUALIFIED INFRASTRUCTURE)
INVESTMENT PROGRAM RIDER,)
THE ECONOMIC DEVELOPMENT)
INVESTMENT RIDER AND THE)
SAFETY AND ENVIRONMENTAL)
COMPLIANCE RIDER)**

DOCKET NO. _____

NONDISCLOSURE STATEMENT

I have reviewed the Protective Order entered in the above-captioned matter and agree to abide and be bound by its terms. I understand that unauthorized disclosure of information or documents labeled "CONFIDENTIAL" or "PROTECTED SECURITY MATERIALS" will be a violation of the Protective Order.

DATE

NAME

STATE OF _____)

COUNTY OF _____)

Personally appeared before me, _____, a Notary Public,
_____, with whom I am personally acquainted, who
acknowledged that he/she executed the within instrument for the purposes therein contained.

WITNESS my hand, at office, this _____ day of _____, _____.

NOTARY PUBLIC

My Commission Expires: _____

PETITIONER'S EXHIBIT LCB-1

TENNESSEE-AMERICAN WATER COMPANY, INC.

DOCKET NO. 17-_____

DIRECT TESTIMONY

OF

LINDA C. BRIDWELL

ON

**CHANGES TO THE QUALIFIED INFRASTRUCTURE INVESTMENT PROGRAM
RIDER, THE ECONOMIC DEVELOPMENT INVESTMENT RIDER, AND THE
SAFETY AND ENVIRONMENTAL COMPLIANCE RIDER**

SPONSORING PETITIONER'S EXHIBITS:

PETITIONER'S EXHIBIT SUMMARY – LCB

PETITIONER'S EXHIBIT – AVG IMPACT – LCB

PETITIONER'S EXHIBIT – QIIP 1 – LCB

PETITIONER'S EXHIBIT – QIIP 2 – LCB

PETITIONER'S EXHIBIT – EDI 1 – LCB

PETITIONER'S EXHIBIT – EDI 2 – LCB

PETITIONER'S EXHIBIT – SEC 1 – LCB

PETITIONER'S EXHIBIT – SEC 2 – LCB

PETITIONER'S EXHIBIT – ANNUAL APPROVED TARIFFS -- LCB

**PETITIONER'S EXHIBIT – CURRENT TARIFF SHEET NO. 12 – CAPITAL RIDERS --
LCB**

PETITIONER'S EXHIBIT – CURRENT TARIFF SHEET NO. 12 – RIDERS – LCB

PETITIONER'S EXHIBIT – PROPOSED TARIFF SHEET NO. 12 – RIDERS - LCB

1 **Q. PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.**

2 A. My name is Linda C. Bridwell and my business address is 2300 Richmond Road,
3 Lexington, Kentucky 40502.

4 **Q. BY WHOM ARE YOU EMPLOYED AND IN WHAT CAPACITY?**

5 A. I am employed by American Water Works Service Company (“AWW”) as Senior Manager
6 of Rates and Regulation for Tennessee and Kentucky.

7 **Q. HAVE YOU PREVIOUSLY FILED TESTIMONY BEFORE THIS OR ANY**
8 **OTHER COMMISSION?**

9 A. Yes. I provided written testimony before the Tennessee Public Utility Commission
10 (“TPUC” or “Commission”) in TPUC Docket No. 12-00049 and TPUC Docket No. 15-
11 00001, and both written and oral testimony in TPUC Docket No. 14-00121, 15-00029, 15-
12 00111, 15-00131, 16-00022, 16-00126, 16-00148 and 17-00020. I have also provided both
13 written and oral testimony in at least seventeen different proceedings before the Kentucky
14 Public Service Commission (“PSC”), including rate cases, special investigations, and
15 applications for a Certificate of Public Convenience and Necessity.

16 **Q. PLEASE STATE YOUR EDUCATIONAL AND PROFESSIONAL**
17 **BACKGROUND.**

18 A. I received a B.S. degree in Civil Engineering from the University of Kentucky in 1988, and
19 I received a M.S. degree in Civil Engineering from the University of Kentucky in 1992,
20 with an emphasis in water resources. I completed a Masters of Business Administration
21 from Xavier University in Cincinnati, Ohio in 2000. I am a registered Professional
22 Engineer in the Commonwealth of Kentucky.

1 I have been employed by American Water (“AWW”) since 1989. I began as a
2 distribution supervisor for Kentucky American Water (“KAWC”) until 1990 when I was
3 promoted to Planning Engineer, then Engineering Manager, and later Director of
4 Engineering in 1998. In July 2004, I accepted the position of Project Delivery and
5 Developer Services Manager for the Southeast Region of AWW, responsible for Kentucky,
6 Tennessee, and West Virginia. In 2008, I became the KAWC Project Delivery Manager
7 for the construction of a new water treatment plant, booster station, and transmission main
8 in Kentucky. This project was the largest project completed by American Water, in any of
9 its regulated businesses, at \$164 million. Upon completion of the project in October 2010,
10 I became the Director of Environmental Compliance and Water Quality for KAWC and in
11 February of 2012 I accepted the position of Manager of Rates and Regulation for Tennessee
12 and Kentucky. In November 2016 I was promoted to my current position. I am an active
13 member of the American Water Works Association (AWWA), served as president of the
14 local chapter and state section of the American Society of Civil Engineering (ASCE), and
15 served as an officer in the local chapter of the National Society of Professional Engineers
16 (NSPE) and as a State officer. I have served periodically as an Adjunct Professor at the
17 University of Kentucky in the Civil Engineering Department, teaching “Water Quality and
18 Pollution Control” and the “Introduction to Environmental Engineering.” I served as a
19 member of the Civil Engineering Industrial Advisory Committee at the University of
20 Kentucky from 2005 until 2012. I served as a Commissioner on the Kentucky Water
21 Resources Development Commission established by Governor Patton and on the Kentucky
22 State Board of Licensure for Professional Engineers and Land Surveyors. I currently serve
23 as Vice Chairman of the Board of Directors for the Kentucky Infrastructure Authority.

1 **Q. WHAT ARE YOUR DUTIES AS SENIOR MANAGER OF RATES AND**
2 **REGULATION?**

3 A. My primary responsibilities encompass the coordination of regulatory issues in Tennessee
4 and Kentucky. This includes coordinating all reports and filings, working with regulatory
5 staff to make sure that all information produced addresses the requirements or requests,
6 and overseeing the preparation and filing of rate cases and tariff changes. I work with the
7 senior management in both states on planning. I am also responsible for keeping abreast
8 of changes in regulation, or trends in regulatory oversight across the United States that may
9 impact our local operations. I report to the Presidents of Tennessee American Water
10 (“Tennessee American,” “TAWC” or “Company”) and KAWC dually. I am located in
11 Kentucky, but work closely with the TAWC staff in Tennessee as well.

12 **Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY?**

13 A. The purpose of my testimony is to support the calculation of the 2018 Capital Recovery
14 Riders described in TAWC’s Petition. On April 14, 2014, the TPUC approved four new
15 alternative rate mechanisms for TAWC, effective April 15, 2014, in TPUC Docket No. 13-
16 00130. Three of these alternative rate mechanisms were capital program recovery riders,
17 commonly referred to as the “Capital Recovery Riders,” and one was for a rider for
18 Production Costs and Other Pass-throughs (“PCOP”). The three Capital Recovery Riders
19 are the only items included in this current Petition.

20 On June 29, 2015, the TPUC approved an adjustment to the three Capital Recovery
21 Riders for 2015 in Docket No. 14-00121 with some modifications to one of the Capital
22 Recovery Riders. Those modifications, set forth in the TPUC’s February 1, 2016, *Order*
23 *Granting, In Part, Denying, In Part, Petition*, have been incorporated into the current

Petition for an adjustment for 2018. Additionally, TAWC has included the corrections made to the Capital Recovery Riders calculations in Docket No. 15-00111, 16-00022 and 17-00020.¹

Q. ARE YOU SPONSORING ANY EXHIBITS?

A. Yes I am. I am sponsoring the following exhibits:

Petitioner's Exhibit -- Summary -- LCB

Petitioner's Exhibit -- Average Impact -- LCB

Petitioner's Exhibit -- QIIP 1 -- LCB

Petitioner's Exhibit -- QIIP 2 -- LCB

Petitioner's Exhibit -- EDI 1 -- LCB

Petitioner's Exhibit -- EDI 2 -- LCB

Petitioner's Exhibit -- SEC 1 -- LCB

Petitioner's Exhibit -- SEC 2 -- LCB

Petitioner's Exhibit -- Annual Approved Tariffs -- LCB

Petitioner's Exhibit -- Current Tariff Sheet No. 12 -- Capital Riders -- LCB

Petitioner's Exhibit -- Current Tariff Sheet No. 12 -- Riders -- LCB

Petitioner's Exhibit -- Proposed Tariff Sheet No. 12 -- Riders - LCB

I will discuss these exhibits in further detail in my testimony below.

Q. WERE THE PETITIONER'S EXHIBITS LISTED ABOVE PREPARED BY YOU OR UNDER YOUR DIRECTION AND SUPERVISION?

A. Yes.

Q. WHAT WERE THE SOURCES OF THE DATA USED TO PREPARE THE PETITIONER'S EXHIBITS LISTED ABOVE?

A. The data used to prepare the exhibits was acquired from the books of account and business records of Tennessee American, the officers and associates of Tennessee American with knowledge of the facts based on their job responsibilities and activities, and other internal

¹ See Order Approving Petition As Amended, TPUC Docket No. 15-00111 (May 16, 2016); Pre-filed Testimony of TAWC Witness Linda C. Bridwell, TPUC Docket No. 16-00022; and TPUC Transcript of Proceedings, TPUC Docket No. 16-00022 (Oct. 10, 2016); Rebuttal Testimony of TAWC Witness Linda C. Bridwell, TPUC Docket No. 17-00020.

1 sources which I examined in the course of my investigation of the matters addressed in this
2 testimony.

3 **Q. DO YOU CONSIDER THIS DATA TO BE RELIABLE AND OF A TYPE THAT IS**
4 **NORMALLY USED AND RELIED ON IN YOUR BUSINESS FOR SUCH**
5 **PURPOSES?**

6 A. Yes.

7 **Q. DO THE PETITIONER'S EXHIBITS LISTED ABOVE ACCURATELY**
8 **SUMMARIZE SUCH DATA AND THE RESULTS OF ANALYSIS USING SUCH**
9 **DATA?**

10 A. Yes, they do.

11 **Q. WHAT ARE THE THREE CAPITAL RECOVERY RIDERS APPROVED BY THE**
12 **TPUC?**

13 A. Pursuant to Tennessee Code Annotated Section 65-5-103 *et seq.*, the three Capital
14 Recovery Riders authorized in Docket No. 13-00130 are based on certain categories of
15 capital expenditures to cover the investment period of calendar year 2014. The first Capital
16 Recovery Rider is the Qualified Infrastructure Investment Program (“QIIP”) Rider. This
17 rider is designed to recover the costs associated with the capital investment made in
18 between rate cases to replace aging infrastructure that is non-revenue producing. This
19 means infrastructure that does not produce additional revenues. Examples of infrastructure
20 that produces additional revenues are main extensions specifically for a new development,
21 or new services or meters for new customers. As outlined in Docket No. 13-00130, aging
22 water and wastewater infrastructure is a growing problem across the United States,
23 including Tennessee, that will require significant investments over the next few decades to

1 continue to provide clean and reliable water service. This rider helps TAWC address the
2 replacement of this critical, aging infrastructure. The QIIP Rider includes replacement of
3 existing infrastructure in the areas of mains, meters, services, hydrants, water treatment
4 equipment, pumping equipment, and tank painting.

5 The second Capital Recovery Rider is the Economic Development Investment
6 (“EDI”) Rider. This rider is primarily for the recovery of investment made in infrastructure
7 to assist in economic development in the communities and areas served by TAWC.
8 Communities across the country are competing for economic development opportunities
9 to provide growth in jobs, taxes, and overall quality of life for residents. This rider provides
10 an opportunity for TAWC to partner with the communities it serves to assist in Economic
11 Development. Additionally, unlike the QIIP Rider, the EDI Rider may include operating
12 expenses related specifically to economic development.

13 The third Capital Recovery Rider is the Safety and Environmental Compliance
14 (“SEC”) Rider. This rider is for the recovery of investment made to comply with safety
15 and environmental regulations since the previous rate case. TAWC, like other utilities, is
16 faced with increasing capital investment needs to comply with safety and environmental
17 regulations. This rider assists TAWC in addressing those needs. Like the EDI Rider, the
18 SEC Rider may include operating expenses that can be identified as specifically for the
19 new infrastructure under this rider.

20 An adjustment to those three Capital Recovery Riders was authorized by the
21 Commission in Docket No. 14-00121 to cover the investment period of the calendar year
22 2015. A second adjustment to the three Capital Recovery Riders was authorized in Docket
23 No. 15-00111 to cover the investment period of the calendar year 2016. A third adjustment

1 to the three Capital Recovery Riders was authorized in Docket No. 16-00126 to cover the
2 investment period of the calendar year 2017. The purpose of the current Petition is to
3 comply with the tariffs approved in TPUC Docket No. 13-00130 and provide the required
4 information and supporting documentation in each of the Capital Recovery Riders based
5 on the projected investment period of 2018.

6 Attached to my testimony is Petitioner's Exhibit Current Tariff Sheet No. 12—
7 Capital Riders – LCB, which is a copy of all three Capital Recovery Riders tariff sheets as
8 approved in TPUC Docket No. 13-00130, and as modified in TPUC Docket No. 14-00121
9 and as further clarified in TPUC Docket No. 15-00029, Docket No. 15-00111 and Docket
10 No. 16-00022.

11 **Q. HOW IS THE PROCESS UNDER THE APPROVED CAPITAL RECOVERY**
12 **RIDERS DIFFERENT FROM THE PREVIOUS AND HISTORICAL**
13 **REGULATORY APPROACH WITH RESPECT TO INVESTMENT METHODS?**

14 A. As far as the projects and the investment into those projects are concerned, there isn't any
15 difference. The difference between the new riders and the future test year regulatory
16 approach that has been used by TAWC in rate cases is largely in the method and procedure
17 of filing, the deference of fully litigated rate cases and the lessening of rate shock, and the
18 multiple benefits of the streamlined alternative mechanisms. If it were not for the new
19 alternative regulatory methods available to the Commission and the regulated community,
20 TAWC would likely have had to file a rate case in 2017 or earlier. These new methods have
21 deferred the need to file a full rate case, at least in the short term. These petitions should
22 make the regulatory process much more streamlined and less burdensome, without reducing
23 effective and meaningful regulatory oversight. As intended under the statute and approved

1 by the Commission, the whole process is more efficient, timely and much less expensive.
2 There is no doubt but that the alternative rate adjustment methods are working.
3

4 **Q. IN DOCKET NO. 14-00121, THE TPUC ORDERED CHANGES TO THE**
5 **ELIGIBLE ITEMS WITHIN THE EDI RIDER. ARE THE ITEMS EXCLUDED**
6 **BY THE COMMISSION EXCLUDED IN THIS PETITION?**

7 A. Yes. In Docket No. 14-00121, the TPUC made modifications to the eligible items within
8 the EDI Capital Recovery Rider, removing new services, new meters, and the alternative
9 fuel vehicles. These changes were recognized in Docket No. 15-00111 and are reflected
10 fully in this Petition. TAWC has removed those items from the EDI for not only the current
11 review period of 2018, but also removed the previously authorized cumulative amounts of
12 such items in the EDI Rider from all the review periods of 2014, 2015, 2016 and 2017.

13 **Q. IN DOCKET 15-00029, THE TPUC ORDERED THAT GOING FORWARD, TAWC**
14 **SHOULD FILE WORKPAPERS IN A FORMAT THAT DOESN'T USE ARRAY**
15 **FORMULAS IN CALCULATIONS, AND FOLLOWS A CLEAR AUDIT TRAIL**
16 **FOR CALCULATIONS. HAS TAWC DONE THAT IN THIS FILING?**

17 A. Yes. TAWC prepared the files in an excel workbook similar to what was prepared in
18 Docket No. 13-00130 and Docket No. 14-00121. TAWC then prepared a "Proof"
19 worksheet in the excel file of the tabs that utilized array formulas for calculation, but went
20 through the calculations without array formulas. In the electronic version, the "Proof"
21 worksheets are found at the end of the excel workbook. There are also four reconciliation
22 worksheets that demonstrate the total additions, removals and retirements and a total

1 reconciliation for 2014, 2015, 2016 and 2017. Consistent with the directive, this will
2 provide a clear audit trail of the calculations.

3 **Q. ARE THERE OTHER CHANGES TO THE EXCEL WORKBOOK OR**
4 **CALCULATIONS FROM THE FILES IN DOCKET NO. 15-00111 AND DO**
5 **THESE CHANGES ADDRESS ORDERING PARAGRAPH 5 OF THE TPUC**
6 **ORDER IN DOCKET NO. 15-00111?**

7 A. Yes. In addition to any corrections that were carried forward from previous dockets,
8 Tennessee American made six changes to the excel workbook to make it more user-
9 friendly. They are as follows:

10 1) Tennessee American updated the workbook for the 2018 forecasted numbers, actual
11 2016 capital expenditures from TPUC Docket No. 17-00020, and updated all formulas.

12 2) Tennessee American changed the calculation of the 2018 in-service amounts for
13 recurring capital plan lines:

14 DV – Projects Funded by Others (not included in the Capital Recovery Riders),

15 A – Mains – New

16 B – Mains – Replaced/Restored

17 C – Mains – Unscheduled

18 D – Mains – Relocated

19 In prior dockets, TAWC calculated how much of the monthly capital expenditures to be
20 placed in-service during any given month by taking a three month average of construction
21 expenditures. In this petition filing, TAWC has eliminated the calculation of 2018 in-
22 service amounts on those lines and simply assumes the projected amount in-service to be
23 the amount of capital expenditure during that month. TAWC proposes to use this

1 methodology going forward on future petitions, but does not recommend retroactively
2 removing the prior calculation methodology.

3 3) In TPUC Docket No. 17-00020, TAWC offered, and the Commission adopted, a
4 methodology to remove an estimated amount of performance compensation that was
5 capitalized above the amount that was authorized in TPUC Docket No. 12-00049 for 2013,
6 2014, 2015 and 2016. Tennessee American has made a correction internally to prevent
7 any further capitalization of performance compensation above the authorized amount, but
8 has carried that reduction from prior years forward in this filing for calculating the revenue
9 requirement.

10 4) Tennessee American forecasted retirement and cost of removal amounts by NARUC
11 account based on the average actual retirements and cost of removal by account in 2014 –
12 2016. This eliminated an estimate of those amount, and therefore two workpaper tabs were
13 eliminated in the worksheet. These were labelled “WKP Data-COR&Retires” and “WKP
14 Data-RC Spread” This was applied to both 2017 and 2018.

15 5) Contributions in the Aid of Construction amounts were forecasted based on the actual
16 CIAC amounts in 2016 for both 2017 and 2018.

17 6) Tennessee American trued up three project that impacted both 2017 and 2018. In
18 Docket No. 16-00126, Tennessee American included Investment Project I-26-020034, the
19 Tennessee River Crossing, with an in-service date of 11/30/2017. Over the course of 2017,
20 Tennessee American was not able to complete the project due to permitting changes and
21 now has a target completion date of 12/31/2018. In order to manage construction
22 expenditures, Tennessee American moved two projects forward from 2018 and completed
23 them in 2017. These projects were IP 26-050002 and IP 26-050004. These projects were

1 not included in 2017 in Docket No. 12-00126 because they were scheduled for initiation
2 and completion in 2018. Normally, Tennessee American would propose to let modification
3 flow through for true-up during the reconciliation. However, Tennessee American has
4 taken its commitment to transparency very seriously and believed that parties involved
5 would prefer to be update the Capital Recovery Riders for 2018 to include projects that had
6 not been previously included. Because the construction expenditures offset each other, the
7 impact on the overall rate will be minimal. However, Tennessee American did want to
8 alert both the CPAD and the TPUC that because of this change the 2017 In-serviced SCEP
9 in this filing does not match the Final Version of the exhibit in Docket No. 16-00126.

10 Although these six changes may not translate well in verbal testimony, they will
11 aid any review of the Petition and the underlying supporting documentation.

12 **Q. IN DOCKET NO. 16-00126, TAWC WAS OPPOSED TO ELIMINATING THE**
13 **METHODOLOGY THAT CALUCLUATED THE MULTI-MONTH AVERAGE**
14 **OF CAPITAL EXPENDITURES AS PROPOSED BY MR. NOVAK, WITNESS**
15 **FOR THE CPAD.² WHY HAS TAWC CHANGED ITS PETITION FILING NOW?**

16 A. Tennessee American began using the multi-month average calculation in TPUC Docket
17 No. 12-00049 to address a specific concern with the calculation of plant additions. The
18 underlying basis of utilizing the 3-month average was that Tennessee American recognized
19 that there is a lag between construction expenditures, and placing assets in-service for these
20 Business Units. The lag occurs because projects may take more than one-month to
21 complete, and on average take about 3 months to complete. Further, the nature of
22 construction tends to be highest during late summer and fall, with construction activity,

² See Rebuttal Testimony of TAWC Witness Linda Bridwell, TPUC Docket No. 16-00126, p. 2-7(February 13, 2017).

1 and therefore expenditures, reducing during the winter months. In a spirit of cooperation
2 and collaboration with the CPAD, TAWC agreed to look deeper at the issue after the
3 conclusion of TPUC Docket No. 16-00126. During that review, it became evident that the
4 lag had no material impact on the calculation of the revenue requirement in any of the four
5 years of actual capital expenditures. The multi-month calculation added virtually no
6 additional level of accuracy to the calculation, while providing an additional step that could
7 be challenging to trace. Therefore, Tennessee American is proposing a change to the
8 calculation to eliminate the 3-month average on a going forward basis. Tennessee
9 American has not proposed to re-calculate any prior years for this change in methodology
10 and does not believe it would be appropriate.

11 **Q. CAN YOU EXPLAIN HOW THE EXCEL SPREADSHEET, FILED WITH THIS**
12 **PETITION, IS STRUCTURED TO PRESENT THE CALCULATIONS?**

13 A. Certainly. In TPUC Docket No. 16-00126, Tennessee American made some organizational
14 changes to improve the review process of the workpapers and exhibits. First, Tennessee
15 American added a “Workbook Info” worksheet to the excel workbook that gives a general
16 description of each worksheet in the workbook. This is the very first worksheet or tab in
17 the left-most position. This tab lists the purpose of each worksheet in the file and
18 essentially provides a table of contents.

19 Next, Tennessee American reorganized the tabs and color coded the tabs labelled at the
20 bottom of the workbook. There is a blank, blue coded tab labelled “Exhibits” that is to the
21 left of all of the exhibit tabs. The tabs for all of the exhibits are colored green in the label
22 at the bottom. There is a second blank, blue coded tab labelled “Workpapers” to the left
23 of all of the workpaper tabs which are color coded red. The workpaper tabs now start with

1 the 2018 calculations in the left-most position of the “Workpapers” section, with 2017,
2 2016, 2015 and 2014 tabs consecutively to the right. A third blank, blue colored tab
3 labelled “Reconciliations” is to the left and the start of all of the reconciliation tabs now
4 colored purple. Finally, there is a fourth blank, blue coded tab labelled “Proofs” to the left
5 of all of the proof tabs that are color coded yellow. This reorganization should help anyone
6 looking in the excel workbook to more easily locate the information they are seeking.

7 Third, any hard-coded numbers within the workbook are now colored in a blue font to
8 enable a reviewer to identify them easily and quickly. On the same tab as any blue hard
9 coded numbers, there will be a footnote at the bottom of the tab identifying the reference
10 and source of the number. This should make comparisons to previous filings a much faster
11 process.

12 Finally, in an effort to increase the quality control, Tennessee American implemented a
13 process to audit the workbook. There are a number of places in the workpapers and exhibits
14 that now have a “tie-point” to verify that numbers are calculating accurately. These tie-
15 points will not be printed on the pdf pages but should streamline any review of the
16 calculations.

17 **Q. HOW HAS THE APPLICATION OF THE EDI RIDER BEEN DIFFERENT FROM**
18 **THE PREVIOUS INVESTMENT REGULATORY METHODS UTILIZED BY**
19 **TAWC PRIOR TO THE APPROVAL OF THE RIDERS IN TPUC DOCKET NO.**
20 **13-00130?**

21 A. In his testimony, Brent O’Neill discusses the individual projects included in the EDI Rider.
22 Without the EDI Rider, these projects may not have been as successful or potentially would
23 not have developed at all. Under its previous investment methods for development, TAWC

1 would have required the developers to pay for the relocation and replacement of assets,
2 thus increasing the upfront costs to them. Given the amount of the investment, coupled
3 with the growth, jobs, and other positive attributes attached to these projects, losing one or
4 more of the projects would have been a disappointment to the communities. These projects
5 demonstrate that the EDI Rider is an extremely valuable tool that can enhance a
6 community's ability to attract future economic development opportunities. Successes such
7 as these will help the area gain an upper hand in the rigid competition among competing
8 communities, which ultimately benefits all of TAWC's customers. For instance, additional
9 water sales have the potential to offset the ongoing declining use that TAWC has
10 experienced, maintaining a water sales level close to authorized and thus contribute to
11 cover a portion of the Company's fixed expenses. This helps maintain lower rates to all of
12 our customers.

13 **Q. HOW IS THE SEC RIDER ALSO DIFFERENT FROM PREVIOUS INVESTMENT**
14 **METHODS OF INVESTMENT THAT WERE AVAILABLE TO TAWC PRIOR TO**
15 **THE APPROVAL OF THE RIDERS IN TPUC DOCKET NO. 13-00130?**

16 A. The overall strategy is similar, but an important difference is that the investment is made
17 through a program that expressly delineates and highlights the reason needed for the
18 investment. To the extent that additional investments are made for safety and
19 environmental compliance measures under the SEC Rider, the purpose of the investment
20 will be more transparent to the customer and to the Commission.

21 **Q. DO THE CAPITAL RECOVERY RIDERS BENEFIT THE CUSTOMERS?**

22 A. Yes. The QIIP, the EDI and the SEC Riders are mutually beneficial to the ratepayers, the
23 public, and TAWC. The Qualified Infrastructure Program Rider, the Economic

1 Development Investment Rider, and the Safety and Environmental Compliance Rider, in
2 part, reduce the need for general rate cases, lessen the occurrence of consumer “rate shock,”
3 support the maintenance and improvement of essential infrastructure, support opportunities
4 for successful economic development, growth and job creation, ensure safety and
5 reliability, and allow for more efficient, streamlined regulation. The ratepayers and the
6 public benefit from the safety and reliability components and from the more seamless and
7 timely capital investment in infrastructure, coupled with the related support to economic
8 development, growth and job creation. The Company benefits from a more efficient,
9 streamlined regulatory process that presents TAWC with the opportunity to timely recover
10 its expenses and earn a fair rate of return on its investments.

11 **Q. YOU MENTIONED THAT THE COMPANY BENEFITS FROM THE RIDERS**
12 **BECAUSE THE RIDERS PROVIDE THE COMPANY WITH THE**
13 **OPPORTUNITY TO TIMELY RECOVER ITS EXPENSES AND EARN A FAIR**
14 **RATE OF RETURN ON ITS INVESTMENTS. CAN YOU ELABORATE ON**
15 **THIS?**

16 A. Certainly. The Capital Recovery Riders permit TAWC to recover the cost of capital
17 investment between rate cases in an efficient, streamlined regulatory process. As outlined
18 in my testimony, each year Tennessee American estimates or forecasts the amount of
19 qualified capital investment (QIIP), infrastructure investment and eligible expenses (EDI)
20 and safety and environmental compliance investment and eligible expense (SEC) that it
21 expects to spend for the upcoming calendar year, in this Petition for 2018. The Company
22 will then calculate what it costs to recover the expenditures associated with such forecasted
23 capital investment and expenses. For example, if the Company were to invest \$1 million

dollars on a QIIP project in the forecast year, the Company would not recover that entire \$1 million that year. Rather, it will only recover a return on that investment (which includes a weighted return on equity and interest on debt as authorized in the most recent rate case), as well as depreciation expense and taxes. After it calculates what it costs to recover the expenditures associated with the forecasted capital investment and expenses, Tennessee American then determines – through a second calculation – the percentage of the costs to recover those expenditures as an amount of the overall revenue authorized in the last rate case. This is the surcharge amount. The surcharge then represents recovery for the costs to support the capital investments. So, under the Capital Recovery Rider tariffs as approved, the monthly surcharge over 12 months in the forecasted year would represent the annual recovery of the cost to support the capital investment.

Q. BEFORE THE TPUC APPROVED THE CAPITAL RECOVERY RIDERS, WHAT PROCESS DID TAWC USE TO RECOVER THE EXPENSES ASSOCIATED WITH CAPITAL INVESTMENT AND HAVE THE OPPORTUNITY TO EARN A FAIR RETURN?

A. Regulated utilities cannot increase their rates in Tennessee without approval of the TPUC, which prior to the passage of the alternative regulation statute required a full rate case filing. So, TAWC employed rate cases for appropriate recovery.

Q. IS THERE A DRAWBACK TO RATE CASES?

A. In part, this goes back to my earlier testimony concerning the benefits of the Capital Recovery Riders to the public. Further, regulated utilities continue to invest money in infrastructure (utility plant) and expenses may continue to increase in between rate cases.

1 This “regulatory lag” lessens the opportunity for the Company to earn its authorized return
2 on equity.

3
4 **Q. CAN YOU EXPLAIN THE CALCULATION OF THE CAPITAL RECOVERY**
5 **RIDERS?**

6 A. Certainly. As set forth in the approved tariffs, all three Capital Recovery Riders are
7 established on an annual prospective basis utilizing average end-of-month balances and
8 should reflect only those qualified plant additions installed after the conclusion of the initial
9 rate year in Docket No. 12-00049. Consistent with the tariffs, the qualified plant additions
10 are reduced by the projected retirements associated with the Capital Recovery Rider
11 additions in the calculation of applicable depreciation and property tax expense. As
12 discussed earlier in my testimony, the EDI and SEC Riders can be increased by the
13 appropriate operating expenses. However, TAWC has not included any operating expenses
14 for the EDI or SEC riders in this Petition. In this case, Tennessee American has proposed
15 to begin the attrition period for each of the Capital Recovery Riders on January 1, 2018,
16 ending December 31, 2018. This annual review period was established in the tariffs
17 submitted on March 25, 2014, and approved in Docket No. 13-00130 on April 14, 2014.

18 The tariffs also established a reconciliation period for each of the Capital Recovery
19 Riders, which will occur 60 days after the close of the attrition period. The attrition period
20 in Docket No. 13-00130 was for January 1, 2014 through December 31, 2014. The
21 reconciliation for that filing was made in Docket 15-00029 on March 1, 2015. The attrition
22 period in Docket No. 14-00121 is for January 1, 2015 through December 31, 2015, and the
23 reconciliations were filed on March 1, 2016 in Docket No. 16-00022. The attrition period

1 in Docket No. 15-00111 was for January 1, 2016 through December 31, 2016 and the
2 reconciliations were filed on March 1, 2017 in Docket No. 17-00020. The attrition period
3 in Docket No. 16-00126 was for January 1, 2017 through December 31, 2017 and the
4 reconciliations will be filed by March 1, 2018. Based upon the process outlined in the
5 tariffs and clarified in Docket No. 14-00121, the reconciliations are not, and were not
6 intended to be, a part of this Petition.

7 As approved, the Capital Recovery Riders are cumulative and remain in place until
8 reset back to zero at the conclusion of the Company's next rate case filing, at which point
9 the capital costs, depreciation and taxes, and any other operating expenses approved and
10 previously recovered through the Capital Recovery Riders are then subsumed within Base
11 Rates.

12 **Q. CAN YOU DISCUSS DETAILED SPECIFICS TO THE OPERATION OF THE**
13 **CAPITAL RECOVERY RIDERS NOT ADDRESSED ABOVE?**

14 A. Yes. TAWC utilizes an annual prospective approach to the utility plant additions that
15 qualify for recovery through the Capital Recovery Riders. The Capital Recovery Riders
16 provide for the recovery of revenue sufficient to cover the capital cost, depreciation and
17 tax expense related to the projected investment in qualified utility plant. These costs
18 consider the effects of associated retirements ("Net Plant"), Contributions in Aid of
19 Construction (CIAC), and Cost of Removal Spending net of Salvage value for the attrition
20 period. To determine the rate of return recovery, an average of the month-end balances of
21 new utility plant in service is averaged calculated, less $\frac{1}{2}$ of the anticipated annual
22 associated CIAC, plus $\frac{1}{2}$ of the anticipated annual associated cost of removal net of salvage
23 spending, to derive the "Net Plant" amount. As discussed in Docket No. 16-00022, in the

1 first year TAWC used a 12-month average to calculate the Capital Recovery Riders,
2 representing all of the activity within the 12 months of the attrition period. Beginning in
3 the second year, TAWC used a 13-month average from the end of the previous year through
4 the end of the attrition period. The current approved pre-tax rate of return (“PTR”) is
5 applied to this net amount to determine the revenue requirement of the rate base portion.
6 The PTR is calculated from the weighted common equity and preferred equity, grossed up
7 to include state and federal taxes, plus the weighted cost of long-term debt and the weighted
8 cost of short-term debt. Next, the annual depreciation expense of the additional Net Plant
9 is calculated (“NetDep”), utilizing the current TPUC approved depreciation rates by
10 account and then added. From there, incremental new property and Franchise taxes
11 (“PFT”) is added. For the EDI Rider and SEC Rider, additional operating expenses would
12 be added as appropriate. The sum of these components are grossed up to include the
13 recovery of the associated additional Gross Receipts taxes, Uncollectible expense, and
14 forfeited discounts (“RT”) to derive the final revenue requirement. Then, any over or under
15 Capital Recovery Rider collection of prior periods would be added or subtracted as
16 applicable (“R”). The over or under Capital Recovery Rider adjustment was authorized in
17 Docket No. 17-00020 and is not included as part of this Petition. This total is then divided
18 by the authorized annual level of general metered service and private fire service customer
19 revenues (“PAR”) from the prior docket (Docket No. 12-00049), i.e. not including any
20 other revenues, to render each of the new Capital Recovery Rider percentages.

1 **Q. YOU MENTION THAT THE OVER/UNDER RECONCILIATION IS NOT**
2 **INCLUDED IN THIS PETITION. CAN YOU EXPLAIN WHY NOT?**

3 A. Yes. The tariff has been authorized to file the forecasted adjustments for new investment,
4 by December 1, to be effective January 1. The reconciliation factor is to be filed by March
5 1, to be effective April 1 to December 31 only each calendar year. The first reconciliation
6 adjustment was authorized on October 19, 2015 to be effective November 1 through
7 December 31, 2015 in Docket No. 15-00029. The second reconciliation adjustment was
8 authorized on October 10, 2016 in Docket No. 16-00022 to be effective October 11, 2016
9 through December 31, 2016. The third reconciliation adjustment was authorized on August
10 15, 2017 in Docket No. 17-00020 to be effective August 16, 2017 through December 31,
11 2017. This petition is intended to adjust the Capital Recovery Riders for investment in
12 2018. The calculation includes the cumulative investment for rider for 2014, 2015, 2016
13 and 2017. In this petition, TAWC has included the actual investment for each rider in
14 2014, 2015 and 2016. The reconciliation to be filed by March 1, 2018 will apply as a true-
15 up for the actual 2017 calendar year investment and revenues, including any over/under
16 collection of the reconciliation approved in 17-00020. Therefore, it is not appropriate or
17 necessary to include a reconciliation in the calculation included in this Petition.

18 **Q. HAVE YOU INCLUDED THE CALCULATION OF THE THREE CAPITAL**
19 **RECOVERY RIDERS IN THE PETITION?**

20 A. Yes. I have attached an exhibit that reflects the calculation of each of the three Capital
21 Recovery Riders by project. A summary is attached to my testimony as **Petitioner's**
22 **Exhibit Summary - LCB**. The detailed calculations are attached in six exhibits to my
23 testimony as **Petitioner's Exhibit QIIP 1 – LCB**, **Petitioner's Exhibit QIIP 2 – LCB**,

Petitioner's Exhibit EDI 1 – LCB, Petitioner's Exhibit EDI 2 – LCB, Petitioner's Exhibit SEC 1 – LCB, and Petitioner's Exhibit SEC 2 – LCB. The calculations are consistent with the calculations that were made in the approved tariff in Docket No. 13-00130, Docket No. 14-00121, Docket No. 15-00111 and Docket No. 16-00126. Further, to assist in the streamlined regulatory process, TAWC is including with the Petition its detailed work-papers supporting the calculation of the three Capital Recovery Riders. Again, these work-papers are consistent with the calculations made to support the approved tariff in Docket No. 13-00130, Docket No. 14-00121, Docket No. 15-00111 and again in Docket No. 16-00126. The workpapers are also consistent with the calculations made to support the reconciliations in TPUC Docket No. 15-00029, TPUC Docket No. 16-00022 and TPUC Docket No. 17-00020.

Q. HAS TAWC INCLUDED DETAILED INFORMATION REGARDING THE PROJECTS THAT MAKE UP EACH OF THE PROPOSED CAPITAL RECOVERY RIDERS?

A. Yes. Company Witness Brent O'Neill will discuss the details regarding the proposed capital expenditures included in the QIIP, EDI and SEC Riders for 2018.

Q. HOW ARE THE QIIP, EDI, AND SEC RIDER REVENUES RECOVERED?

A. The QIIP, EDI and SEC Riders are expressed as a percentage. The current tariff Ninth Revised Sheet No. 12 – Riders – 1 is attached to my testimony as Petitioner's Exhibit Current Tariff Sheet No. 12 – Riders – LCB, and the proposed tariff sheet Tenth Revised Sheet No. 12 – Riders - 1 is attached to my testimony as Petitioner's Exhibit Proposed Sheet No. 12 – Riders – LCB. They are each applied to the total amount billed to each customer under the otherwise applicable rates and charges for basic service, metered usage

1 charges, and private fire charges, and are applied prior to the inclusion of any other taxes,
2 charges, or surcharges. All three Capital Recovery Riders are combined into one line item
3 on the bill of each customer.

4 **Q. HAS TAWC INCLUDED A CHART SHOWING THE PROGRESSION OF THE**
5 **APPROVED RIDERS IN EACH DOCKET SINCE THE LAST RATE CASE?**

6 A. Yes. I have included a chart reflecting each of the annual approvals with its filing. This is
7 shown as **Petitioner's Exhibit – Annual Approved Tariffs – LCB.**

8
9 **Q. WHAT WILL HAPPEN TO THE CAPITAL RECOVERY RIDERS UPON**
10 **APPROVAL OF NEW RATES IN A RATE CASE PROCEEDING?**

11 A. The QIIP, EDI, and SEC Riders will all be reset to zero as of the effective date of the new
12 Base Rates, which Base Rates then provide for the recovery of the annual costs that had
13 theretofore been recovered through the Capital Recovery Riders. Thereafter, and
14 consistent with the tariffs, only the new QIIP, EDI, and SEC Rider qualified plant additions
15 and expenses not previously included in rate base and Base Rates will be reflected in the
16 future filings subject to TPUC Approval.

17 **Q. WHAT COST OF CAPITAL IS UTILIZED IN THE FORMULA OF THE**
18 **CAPITAL RECOVERY RIDERS?**

19 A. The cost of capital is the established rate of return (on a pre-tax basis) in the Company's
20 immediately preceding Base Rate case Order, currently TPUC Docket No. 12-00049.

21 **Q. WHAT DEPRECIATION RATES ARE USED TO DETERMINE THE**
22 **DEPRECIATION EXPENSE RECOVERED BY THE QIIP, EDI AND SEC**
23 **RIDERS?**

1 A. The depreciation rates last approved by the TPUC in Docket 12-00049 for the respective
2 plant accounts in which the specific items of qualified infrastructure under each rider are
3 recorded are the depreciation rates used to determine the depreciation expense. New
4 depreciation rates would be used only after depreciation rates are changed during a general
5 rate proceeding. These are the rates that were used in Docket Nos. 13-00130, 14-00121,
6 15-00029, 15-00111, 16-00022, 16-00126 and 17-0020.

7 **Q. WHAT PROPERTY TAX RATE IS USED TO DETERMINE THE PROPERTY**
8 **TAX EXPENSE RELATED TO THE ADDITIONAL INVESTMENT TO BE**
9 **RECOVERED BY THE QIIP, EDI AND SEC RIDERS?**

10 A. The property tax rate is based on the proportion of property taxes authorized in Docket No.
11 12-00049 to the utility plant in service, multiplied by the additional utility plant less
12 retirements. This is the same rate used in Docket Nos. 13-00130, 14-00121, 15-00029, 15-
13 00111, 16-00022, 16-00126 and 17-00020.

14 **Q. HOW ARE ANNUAL REVENUES DETERMINED FOR THE QIIP, EDI AND SEC**
15 **RIDERS?**

16 A. The projected annual revenues will be the authorized water services revenues from the last
17 case, Docket No. 12-00049, including all service charges and volumetric charges for all
18 classes that are subject to the Capital Recovery Riders. These are the same annual revenues
19 used in Docket Nos. 13-00130, 14-00121, 15-00029, 15-00111, 16-00022, 16-00126 and
20 17-00020.

1 **Q. HAS TENNESSEE AMERICAN INCLUDED ANY OPERATING EXPENSES IN**
2 **THE CURRENTLY PROPOSED EDI RIDER OTHER THAN THE**
3 **DEPRECIATION AND TAX EXPENSES?**

4 A. No. In the tariffs approved in Docket No. 13-00130, TAWC included expenses related to
5 specific economic development within the community as a component of the EDI Rider
6 and operating expenses related to specific investment in the SEC Rider. However, in
7 Docket No. 14-00121, the operating expenses related specifically to TAWC contributions
8 to economic development agencies were not approved by the TPUC. In that same Docket,
9 TAWC removed proposed SEC Rider operating expenses, as those expenses would be
10 captured in the PCOP. Other types of operating expenses related to economic development
11 or the SEC Rider are not included in this current Petition, but TAWC will continue to
12 review and evaluate potential and appropriate operating expenses for the EDI and SEC
13 Riders and submit them for consideration as appropriate.

14 **Q. HAS TENNESSEE AMERICAN INCLUDED ANY OPERATING EXPENSES IN**
15 **THE CURRENTLY PROPOSED SEC RIDER OTHER THAN THE**
16 **DEPRECIATION AND TAX EXPENSES?**

17 No.

18 **Q. COULD THE AMOUNT OF INVESTMENT RIDER REVENUES COLLECTED**
19 **FROM TENNESSEE AMERICAN'S CUSTOMERS VARY FROM THE ACTUAL**
20 **AMOUNT OF REVENUE NEEDED TO COVER A RETURN OF AND A RETURN**
21 **ON THE COMPANY'S QIIP, EDI AND SEC RIDER INFRASTRUCTURE**
22 **INVESTMENT AND TAXES?**

1 A. Yes. This would occur as a result of a difference between the actual and the allowed water
2 operating revenues upon which the Capital Recovery Riders are based.

3 **Q. AS A REGULATORY SAFEGUARD TO CONSUMERS AND TO SERVE THE**
4 **PUBLIC INTEREST, DOES EACH OF THE CAPITAL RECOVERY RIDERS**
5 **INCLUDE A RECONCILIATION MECHANISM IN THE EVENT THAT THE**
6 **LEVEL OF INVESTMENT, EXPENSE, OR REVENUE APPROVED VARIES**
7 **FROM THE ACTUAL COSTS?**

8 A. Yes. As discussed earlier, the QIIP, EDI and SEC Riders are all subject to an annual
9 reconciliation or true-up in which the revenue received under each of the Capital Recovery
10 Riders for the reconciliation period will be compared to the revenue necessary for the
11 Company to recover its return of and return on investment plus taxes, for that QIIP, EDI
12 and SEC Rider year. Any over or under recovery will be included in the calculation of the
13 next adjustment to the QIIP, EDI and SEC Riders. For the reason I stated earlier, the
14 reconciliation is not part of the currently proposed change to the QIIP, EDI or SEC Riders.
15 The Capital Recovery Rider reconciliations for the period ending December 31, 2017, will
16 be submitted on March 1, 2018.

17
18 **Q. HOW DOES THE RECONCILIATION WORK?**

19 A. Consistent with the approved tariffs, Tennessee American will file a reconciliation for all
20 three Capital Recovery Riders no later than March 1, 2018. There are actually two steps
21 to the reconciliation. The first is an adjustment for budget to actual investment. This is a
22 regulatory oversight and public interest component of the mechanism that results in a true-
23 up if the investment does not occur (up or down) as forecasted. The second is an adjustment

1 for the over or under recovery of revenues as projected, including interest. In this way, the
2 consumers are protected if sales exceed the amount authorized in the previous rate case
3 proceeding. This could occur if there is a significant amount of customer growth, or if dry
4 and hot conditions occur in any given year. This second adjustment also allows TAWC to
5 adjust if sales are less than the amount authorized in the last case, as could occur with
6 declining usage that TAWC has experienced in recent years. The reconciliation
7 percentage, pending approval by April 1, 2018, as contemplated in the tariffs, will be
8 applied to customer bills for 9 months in 2018.

9 Finally, there is also a consumer safeguard in the reconciliation process that reviews
10 the earnings for Tennessee American during the attrition period. If it is determined that
11 Tennessee American earned a rate of return above the authorized amount from the previous
12 rate case during the attrition period, the amount above the authorized is an adjustment to
13 the customers, with interest. This could occur if sales exceed the amount authorized in the
14 previous rate case as well.

15 **Q. YOU ALSO INDICATED THAT TAWC HAS NOT FILED ANYTHING IN THIS**
16 **PETITION TO INCLUDE THE RECONCILIATION OF THE PRODUCTION**
17 **COSTS AND OTHER PASS-THROUGHS RIDER. WHY IS TAWC NOT**
18 **INCLUDING THE PCOP RECONCILIATION IN THIS PETITION?**

19 **A.** The PCOP differs from the Capital Recovery Riders, in that at the end of a year, it looks at
20 the historical period and compares the actual production expenses to the amount of
21 production expenses authorized in the previous rate case. It then applies an adjustment
22 over the next year to account for any differences between the two amounts, either over or
23 under the authorized amount. The first review period for the approved PCOP analyzed the

1 amount of production expenses in the attrition year from the previous rate case, which was
2 December 1, 2012 to November 30, 2013 compared to the actual amount of production
3 expenses that occurred between December 1, 2012 and November 30, 2013. The expenses
4 in the attrition period were actually less than authorized in the case, so under the approved
5 PCOP TAWC applied a credit adjustment to customers.

6 The subsequent period approved for review in the tariff is defined as the twelve
7 months subsequent to the attrition period, and every twelve-month period after that.
8 Docket No. 15-00001 looked at the review period for the PCOP from December 1, 2013
9 through November 30, 2014. Docket No. 15-00131 looked at the review period for the
10 PCOP from December 1, 2014 through November 30, 2015. Docket No. 16-00148 looked
11 at the review period for the PCOP from December 1, 2015 through November 30, 2016.
12 The next review period for the PCOP will be December 1, 2016 through November 30,
13 2017. Because that review period is not complete, there is nothing regarding the PCOP in
14 this Petition. TAWC anticipates filing the reconciliation of the PCOP in a separate petition.

15 **Q. WILL THE PCOP HAVE A TWO-STEP RECONCILIATION PROCESS?**

16 A. Yes. Similar to the Capital Recovery Riders, the PCOP reconciliation has 1) a
17 reconciliation of the actual expenses in the historical review period to the authorized levels
18 in the previous rate case; and 2) a reconciliation of the implementation of the PCOP during
19 that same historical review period. In Docket No. 15-00001, the TPUC approved a single
20 reconciliation of the PCOP.

21 **Q. WHEN DOES TAWC ANTICIPATE FILING THE PCOP RECONCILIATION?**

22 A. TAWC anticipates filing the reconciliation on the PCOP Rider by January 15, 2017. As
23 set forth in the tariffs, new PCOP rates are anticipated to be effective by February 14, ,

1 2018. TAWC recently requested a tariff change to allow 15 more days to the filing date
2 and effective date than was originally approved in 13-000130. This request was accepted
3 by the Commission.

4 **Q. WHAT IS THE PROPOSED ADJUSTED QIIP RIDER?**

5 A. TAWC is proposing a QIIP Rider that results in an annualized revenue recovery of
6 \$5,069,482 for the 2018 calendar year or a surcharge of 10.77%. The surcharge is a
7 cumulative amount since 2014. Again, the annualized revenue recovery is the monthly
8 surcharge, times 12 months, to cover the cost to support all of the QIIP capital investment.
9 This is an increase of requested QIIP Riders surcharge recovery from the previous year of
10 \$1,530,337 and an increase in the total QIIP Rider surcharge from the previous year of
11 3.25%.

12 **Q. HAS TENNESSEE AMERICAN FILED A TARIFF ADDRESSING THE**
13 **PROPOSED QIIP RIDER?**

14 A. Yes. A new tariff Tenth Revised Sheet No. 12 – Riders – 1 reflects all three Capital
15 Recovery Riders and is attached to my testimony as **Petitioner’s Exhibit Proposed Sheet**
16 **No. 12- Riders - LCB.**

17 **Q. WHAT IS THE PROPOSED EDI RIDER?**

18 A. TAWC is proposing an EDI Rider that results in an annualized revenue recovery of
19 \$211,705 for the 2018 calendar year or a surcharge of 0.45%. The surcharge is a
20 cumulative amount. Again, the annualized revenue recovery is the monthly surcharge,
21 times 12 months, to cover the cost to support all of the EDI capital investment. This is an
22 increase over the in the requested EDI Rider surcharge recovery from the previous year of
23 \$50,423 and an increase in the total EDI Riders surcharge over the previous year of 0.11%.

Again, this is shown on the new tariff Tenth Revised Sheet No. 12 – Riders – 1 which reflects all three Capital Recovery Riders and is attached to my testimony as **Petitioner’s Exhibit Proposed Sheet No. 12- Riders - LCB.**

Q. WHAT IS PROPOSED SEC RIDER?

A. TAWC is proposing a SEC Rider that results in an annualized revenue recovery of \$3,085,842 for the 2018 calendar year or a surcharge of 6.56%. Again, the annualized revenue recovery is the monthly surcharge, times 12 months, to cover the cost to support all of the SEC capital investment. This is an increase over in the requested SEC Rider surcharge recovery from the previous year of \$217,776 and an increase in the total SEC Rider surcharge over the previous year of 0.47%. Again, this is shown on the new tariff Tenth Revised Sheet No. 12 – Riders – 1 which reflects all three Capital Recovery Riders and is attached to my testimony as **Petitioner’s Exhibit Proposed Sheet No. 12- Riders - LCB.** The sum of the three riders is an increase of 3.83% on the current base bill.

Q. WHAT IS THE IMPACT TO THE AVERAGE CUSTOMER BILL?

The typical residential customer living in the City of Chattanooga, and using an average of 4,154 gallons per month will see an increase in their bill of \$0.82 per month, or \$9.84 per year. While the overall sum of the three riders is 3.83% as noted above, this is a total increase of 3.338% over the current monthly average bill that includes the previously approved Capital Recovery Riders. This is because the overall sum of the three riders of 3.83% continues to be calculated on the revenues authorized in 2012. The cumulative impact on customer’s bills are summarized in Table 1:

Table 1
Cumulative Impact of Capital Recovery Riders
Tennessee American Water Company

TRA Docket No.	Effective Date	Annual Percentage Increase in Capital Recovery Riders	Capital Recovery Riders Cumulative Total	Total Increase to Chattanooga Average Annual Bill	Average Chattanooga Annual Bill*	Annual Increase in Total Bill	Annual Increase from Previous Bill
12-00049	11/1/2012				\$ 21.56		
13-00130	4/15/2014	1.080%	1.080%	\$ 0.23	\$ 21.79	\$ 0.23	1.080%
14-00121	6/30/2015	4.640%	5.720%	\$ 1.23	\$ 22.79	\$ 1.00	4.590%
15-00111	3/15/2016	4.660%	10.380%	\$ 2.24	\$ 23.79	\$ 1.00	4.408%
16-00126	3/14/2017	3.570%	13.950%	\$ 3.01	\$ 24.56	\$ 0.77	3.234%
Proposed	1/1/2018	3.830%	17.780%	\$ 3.83	\$ 25.39	\$ 0.82	3.338%

* The purpose of this table is to aid in the the overall view of the impact of the Capital Recovery Riders and does not include reconciliations and the PCOP.

I am also providing a table reflecting the detailed changes for each Capital Recovery Rider, including the reconciliations. This is attached to my testimony as **Petitioner's Exhibit – Annual Approved Tariffs – LCB**. A summary of the impact for the average residential customer for each of Tennessee American's water rates is attached to my testimony as **Petitioner's Exhibit Average Impact – LCB**.

Q. ARE THE QIIP RIDER, THE EDI RIDER AND THE SEC RIDER STILL IN THE PUBLIC INTEREST?

A. Yes. As I noted at the outset herein, and as outlined by TAWC in much detail and with supporting documentation TPUC Docket No. 13-00130, the QIIP, the EDI and the SEC

1 Riders are mutually beneficial to the ratepayers, the public, and TAWC. Among other
2 things, the Capital Recovery Riders reduce the need for general rate cases, lessen the
3 occurrence of consumer “rate shock,” support the maintenance and improvement of
4 essential infrastructure, support opportunities for successful economic development,
5 growth and job creation, ensure safety and reliability, and allow for more efficient,
6 streamlined regulation. The ratepayers and the public benefit from the safety and reliability
7 components and from the more seamless and timely capital investment in infrastructure,
8 coupled with the related support to economic development, growth and job creation. The
9 Company benefits from a more efficient, streamlined regulatory process that presents
10 TAWC with the opportunity to timely recover its expenses and earn a fair rate of return on
11 its investments. Without the approved alternative rate mechanisms pursuant to Tenn. Code
12 Ann. Section 65-5-103 *et. seq.*, and specifically without the Capital Recovery Riders,
13 TAWC would be preparing another general rate case. Tennessee American understands
14 that the purpose of the new legislation — Tenn. Code Ann. § 65-5-103 *et. seq.*, — was, in
15 part, to encourage an increase in certain types of infrastructure investment and recovery by
16 utilities, while reducing the costs to consumers and utilities for regulatory review and
17 implementation, and promoting rate gradualism for consumers. TAWC believes the
18 approved Capital Recovery Riders are achieving that goal.

19 As reflected in the evidentiary record in TPUC Docket No. 13-00130, the US
20 Environmental Protection Agency and the American Society of Civil Engineers have
21 published reports regarding the significant capital needs for water and wastewater
22 infrastructure in the United States, including here in Tennessee. A substantial portion of
23 TAWC’s distribution infrastructure is between 50 and 100 years old, and TAWC needs to

1 continue to invest in replacing its infrastructure in order to meet its obligation to provide
2 safe, reliable drinking water to its customers. The QIIP Rider is assisting TAWC in
3 responsibly and strategically addressing the systems' infrastructure replacement needs,
4 while helping to increase the time between rate cases and reducing the cost of rate cases to
5 its Customers. As testified to by Company Witness Brent O'Neill, TAWC has strategically
6 focused its efforts on mains with the highest maintenance concerns.

7 As reflected in the evidentiary record in TPUC Docket No. 14-00121, the presence of the
8 new Coca Cola facility in Chattanooga, along with the accompanying jobs and other
9 associated community and public benefits, shows that the EDI Rider is working as intended
10 by the Tennessee General Assembly. Moreover, the Company's cooperative and
11 coordinated efforts with the City of Chattanooga to timely address crucial safety, health
12 and reliability issues, including those identified in the US Environmental Protection
13 Agency's April 2013 Consent Decree issued to the City of Chattanooga requiring
14 improvements to the City's sanitary sewer system, demonstrates that the SEC Rider is
15 serving our Customers and the public interest as anticipated.

16 As it pledged to do when it first submitted the Capital Recovery Riders for review and
17 consideration by the agency in TPUC Docket No. 13-00130, TAWC has been able to
18 partner with the community to promote economic development, which we believe to be
19 consistent with Tenn. Code Ann. § 65-5-103 *et. seq.*, consistent with the approved QIIP
20 Rider, EDI Rider, and SEC Rider, and in the public interest. Under the Commission's
21 oversight and within the safeguards set forth in the approved tariffs, TAWC has been able
22 to increase infrastructure replacement and meet environmental compliance needs on a
23 timely basis, which we believe to be in the public interest.

1 **Q. ARE YOU AWARE OF ANY CHANGES IN MARKET CONDITION OR OTHER**
2 **FACTORS THAT MAY AFFECT WHETHER THESE RIDERS ARE STILL IN**
3 **THE PUBLIC INTEREST?**

4 A. No, I am not.

5 **Q. WHAT DO YOU RECOMMEND WITH REGARD TO THIS PETITION?**

6 A. I recommend that the Petition be approved for the increase in the QIIP, EDI and SEC
7 Riders, effective January 1, 2018.

8 **Q. DOES THIS CONCLUDE YOUR DIRECT TESTIMONY?**

9 A. Yes. I reserve the ability to submit further testimony as is appropriate.

10

STATE OF Kentucky)
COUNTY OF Fayette)

BEFORE ME, the undersigned authority, duly commissioned and qualified in and for the State and County aforesaid, personally came and appeared Linda C. Bridwell, 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 if present before the Commission and duly sworn, her testimony would be as set forth in her pre-filed testimony in this matter.

Linda C. Bridwell
Linda C. Bridwell

Sworn to and subscribed before me
this 7th day of November, 2017.

Peggy A. Stone
Notary Public

My Commission Expires: 10/3/2020



**Tennessee American Water Company
Qualified Infrastructure Improvement Program (QIIP)
Economic Development Investment Rider (EDI)
Safety and Environmental Compliance Rider (SEC)
Summary Page**

Line Number	Rate Mechanism	Proposed Revenue Requirement*	Percentage Applied to Bill*	Revenue Requirement as Authorized - 2017 (1)	Percentage Applied to Bill as Authorized (1)	Impact of Proposed Adjustments on Revenue Requirement	Impact of Proposed Adjustments on Bill Percentage
1							
2	QIIP	\$ 5,069,482	10.77%	\$ 3,539,145	7.52%	\$ 1,530,337	3.25%
3							
4	EDI	211,705	0.45%	161,282	0.34%	50,423	0.11%
5							
6	SEC	3,085,842	6.56%	2,868,066	6.09%	217,776	0.47%
7							
8	Total	\$ 8,367,029	17.78%	\$ 6,568,493	13.95%	\$ 1,798,536	3.83%
9							
10							

*Includes Def. Tax, Accum. Depreciation, Forfeited Discount Gross Up

(1) From prior docket #16-00126 order that approved of capital rider surcharges

**Tennessee American Water Company
Qualified Infrastructure Improvement Program (QIIP)
Economic Development Rider (EDI)
Safety and Environmental Compliance Rider (SEC)
Average Residential Bill Impact
5/8" Meter and Usage of 5.55 CCF (or 41.54 100 Gallons)**

[illegible]

**Tennessee American Water
Qualified Infrastructure Improvement Program (QIIP)
Calculation of QIIP Revenue Requirement**

Line Number	Description	QIIP Company Totals
1	Additions Subject to QIIP:	\$ 34,400,150
2	Plus: Cost of Removal less Salvage	5,972,190
3	Less: Contributions in Aid to Construction (CIAC)	493,439.61
4	Less: Deferred Income Taxes	343,556
5	Less: Accumulated Depreciation	1,757,871
6	Net Investment Supplied QIIP Additions:	<u>\$ 37,777,474</u>
7		
8	Pre-Tax Rate of Return:	9.45438%
9	Pre-Tax Return on Additions:	<u>\$ 3,571,625</u>
10		
11	Depreciation Expense on QIIP Additions:	911,368
12		
13	Operational Expenses Related to QIIP	-
14		
15	Property and Franchise Taxes Associated with QIIP:	<u>434,284</u>
16		
17	QIIP Revenues:	<u>\$ 4,917,277</u>
18		
19	Revenue Taxes	3.191%
20	QIIP Revenues with Revenue Taxes	<u>\$ 5,079,359</u>
21		
22	QIIP APP Revenue Reduction	<u>(9,877)</u>
23		
24	Total QIIP Revenues with Revenue Taxes & APP Reduction	<u>\$ 5,069,482</u>
25		
26	Service Charge and Volumetric Revenues as Per Docket No. 12-00049	<u>\$ 47,073,724</u>
27		
28	QIIP Percentage to Apply to Bill:	<u>10.77%</u>
29		

Tennessee American Water Company
Qualified Infrastructure Improvement Program (QIIP)
Investment Worksheet

			1	2	3	4	5	B	C
		QIIP				=Col 1 + Col 2			
Line #	Investment by Plant Account	Account Description	Additions	Retirements	CIAC	Net Investments (for Property Tax Calculation)	Cost of Removal Net of Salvage	Accumulated Deferred Income Taxes	Accumulated Depreciation
41	331001	Transmission & Distribution Mains							
42	Recurring Projects		\$ 13,264,727	\$ (544,718)	\$ (493,440)	\$ 12,720,009	\$ 855,047	\$ (304,606)	\$ (311,871)
43	Investment Projects		185,708	-	-	185,708	-	(9,014)	(1,161)
44	Total QIP		<u>\$ 13,450,435</u>	<u>\$ (544,718)</u>	<u>\$ (493,440)</u>	<u>\$ 12,905,718</u>	<u>\$ 855,047</u>	<u>\$ (313,621)</u>	<u>\$ (313,031)</u>
45									
46	333000	Services							
47	Recurring Projects		\$ 2,387,158	\$ (41,972)	\$ -	\$ 2,345,187	\$ 596,298	\$ (56,972)	\$ (56,311)
48	Investment Projects		-	-	-	-	-	-	-
49	Total QIP		<u>\$ 2,387,158</u>	<u>\$ (41,972)</u>	<u>\$ -</u>	<u>\$ 2,345,187</u>	<u>\$ 596,298</u>	<u>\$ (56,972)</u>	<u>\$ (56,311)</u>
50									
51	334100	Meters							
52	Recurring Projects		\$ 614,765	\$ (551,717)	\$ -	\$ 63,048	\$ 212,442	\$ 1,836	\$ (51,442)
53	Investment Projects		-	-	-	-	-	-	-
54	Total QIP		<u>\$ 614,765</u>	<u>\$ (551,717)</u>	<u>\$ -</u>	<u>\$ 63,048</u>	<u>\$ 212,442</u>	<u>\$ 1,836</u>	<u>\$ (51,442)</u>
55									
56	334200	Meter Installations							
57	Recurring Projects		\$ 4,856,129	\$ (44,371)	\$ -	\$ 4,811,757	\$ 1,073,623	\$ (45,748)	\$ (228,146)
58	Investment Projects		-	-	-	-	-	-	-
59	Total QIP		<u>\$ 4,856,129</u>	<u>\$ (44,371)</u>	<u>\$ -</u>	<u>\$ 4,811,757</u>	<u>\$ 1,073,623</u>	<u>\$ (45,748)</u>	<u>\$ (228,146)</u>
60									
61	335000	Hydrants							
62	Recurring Projects		\$ 1,050,719	\$ (142,690)	\$ -	\$ 908,029	\$ 2,494	\$ (16,791)	\$ (42,765)
63	Investment Projects		-	-	-	-	-	-	-
64	Total QIP		<u>\$ 1,050,719</u>	<u>\$ (142,690)</u>	<u>\$ -</u>	<u>\$ 908,029</u>	<u>\$ 2,494</u>	<u>\$ (16,791)</u>	<u>\$ (42,765)</u>
65									
66	Expense:								
67			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
68			-	-	-	-	-	-	-
69			-	-	-	-	-	-	-
70	Total		<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
71									
72	Total		<u>\$ 34,400,150</u>	<u>\$ (2,256,488)</u>	<u>\$ (493,440)</u>	<u>\$ 32,143,662</u>	<u>\$ 5,972,190</u>	<u>\$ (343,556)</u>	<u>\$ (1,757,871)</u>

**Tennessee American Water Company
Qualified Infrastructure Improvement Program (QIIP)
Investment Worksheet**

			6	7	8	9	10	11	12
			=Cols 1 + 3 + 5 + B + C	=Col 6 x 9.454378%	=(Col 1+2+3)x Depreciation Rate	=(Col 4 x Prop Tax Rate) + (Col 4 x Franchise Rate)		=Cols 7 + 8 + 9 + 10	= Col 11 / (1 - 3.191%)
QIIP									
Line #	Investment by Plant Account	Account Description	Earnings Basis Net Investment (Rate Base)	Earnings Basis x Pre-Tax Return (PTR)	Depreciation Expense	Property Tax & Franchise Fees	Operational Expenses	Total Before Revenue Tax	Total With Revenue Tax
1	304300	Struct & Imp-Treatment							
2	Recurring Projects		\$ 8,125	\$ 768	\$ (3,900)	\$ (1,282)	\$ -	\$ (4,414)	\$ (4,560)
3	Investment Projects		7,036,742	665,280	258,853	85,092	-	1,009,225	1,042,491
4	Total QIP		<u>\$ 7,044,868</u>	<u>\$ 666,048</u>	<u>\$ 254,952</u>	<u>\$ 83,810</u>	<u>\$ -</u>	<u>\$ 1,004,811</u>	<u>\$ 1,037,931</u>
5									
6	304301	Struct & Imp-Treatment-Dpr Paint							
7	Recurring Projects		\$ 3,162,001	\$ 298,948	\$ 232,664	\$ 26,065	\$ -	\$ 557,676	\$ 576,058
8	Investment Projects		-	-	-	-	-	-	-
9	Total QIP		<u>\$ 3,162,001</u>	<u>\$ 298,948</u>	<u>\$ 232,664</u>	<u>\$ 26,065</u>	<u>\$ -</u>	<u>\$ 557,676</u>	<u>\$ 576,058</u>
10									
11	320100	WT Equip Non-Media							
12	Recurring Projects		\$ 526,829	\$ 49,808	\$ 2,637	\$ 3,268	\$ -	\$ 55,714	\$ 57,550
13	Investment Projects		2,002,943	189,366	22,855	28,329	-	240,550	248,479
14	Total QIP		<u>\$ 2,529,773</u>	<u>\$ 239,174</u>	<u>\$ 25,492</u>	<u>\$ 31,598</u>	<u>\$ -</u>	<u>\$ 296,264</u>	<u>\$ 306,029</u>
15									
16	320200	Water Trmt Equip Filter Media							
17	Recurring Projects		\$ 455,742	\$ 43,088	\$ 9,714	\$ 390	\$ -	\$ 53,191	\$ 54,944
18	Investment Projects		-	-	-	-	-	-	-
19	Total QIP		<u>\$ 455,742</u>	<u>\$ 43,088</u>	<u>\$ 9,714</u>	<u>\$ 390</u>	<u>\$ -</u>	<u>\$ 53,191</u>	<u>\$ 54,944</u>
20									
21	330000	Dist Reservoirs & Standpipes							
22	Recurring Projects		\$ 24,518	\$ 2,318	\$ 856	\$ 556	\$ -	\$ 3,729	\$ 3,852
23	Investment Projects		-	-	-	-	-	-	-
24	Total QIP		<u>\$ 24,518</u>	<u>\$ 2,318</u>	<u>\$ 856</u>	<u>\$ 556</u>	<u>\$ -</u>	<u>\$ 3,729</u>	<u>\$ 3,852</u>
25									
26	330003	Tank Repainting							
27	Recurring Projects		\$ 922,132	\$ 87,182	\$ 45,123	\$ 5,502	\$ -	\$ 137,807	\$ 142,350
28	Investment Projects		-	-	-	-	-	-	-
29	Total QIP		<u>\$ 922,132</u>	<u>\$ 87,182</u>	<u>\$ 45,123</u>	<u>\$ 5,502</u>	<u>\$ -</u>	<u>\$ 137,807</u>	<u>\$ 142,350</u>
30									
31	330100	Elevated Tanks & Standpipes							
32	Recurring Projects		\$ 154,751	\$ 14,631	\$ 4,439	\$ 2,189	\$ -	\$ 21,258	\$ 21,959
33	Investment Projects		-	-	-	-	-	-	-
34	Total QIP		<u>\$ 154,751</u>	<u>\$ 14,631</u>	<u>\$ 4,439</u>	<u>\$ 2,189</u>	<u>\$ -</u>	<u>\$ 21,258</u>	<u>\$ 21,959</u>
35									
36	330200	Ground Level Tanks							
37	Recurring Projects		\$ 1,008	\$ 95	\$ (12)	\$ (6)	\$ -	\$ 77	\$ 80
38	Investment Projects		-	-	-	-	-	-	-
39	Total QIP		<u>\$ 1,008</u>	<u>\$ 95</u>	<u>\$ (12)</u>	<u>\$ (6)</u>	<u>\$ -</u>	<u>\$ 77</u>	<u>\$ 80</u>

**Tennessee American Water Company
Qualified Infrastructure Improvement Program (QIIP)
Investment Worksheet**

			6	7	8	9	10	11	12
			=Cols 1 + 3 + 5 + B + C	=Col 6 x 9.454378%	=(Col 1+2+3)x Depreciation Rate	= (Col 4 x Prop Tax Rate) + (Col 4 x Franchise Rate)		=Cols 7 + 8 + 9 + 10	= Col 11 / (1 - 3.191%)
QIIP									
Line #	Investment by Plant Account	Account Description	Earnings Basis Net Investment (Rate Base)	Earnings Basis x Pre-Tax Return (PTR)	Depreciation Expense	Property Tax & Franchise Fees	Operational Expenses	Total Before Revenue Tax	Total With Revenue Tax
41	331001	Transmission & Distribution Mains							
42	Recurring Projects		\$ 13,009,857	\$ 1,230,001	\$ 152,832	\$ 171,856	\$ -	\$ 1,554,690	\$ 1,605,935
43	Investment Projects		175,533	16,596	2,321	2,509	-	21,426	22,132
44	Total QIP		<u>\$ 13,185,390</u>	<u>\$ 1,246,597</u>	<u>\$ 155,153</u>	<u>\$ 174,366</u>	<u>\$ -</u>	<u>\$ 1,576,116</u>	<u>\$ 1,628,067</u>
45									
46	333000	Services							
47	Recurring Projects		\$ 2,870,173	\$ 271,357	\$ 26,032	\$ 31,685	\$ -	\$ 329,074	\$ 339,921
48	Investment Projects		-	-	-	-	-	-	-
49	Total QIP		<u>\$ 2,870,173</u>	<u>\$ 271,357</u>	<u>\$ 26,032</u>	<u>\$ 31,685</u>	<u>\$ -</u>	<u>\$ 329,074</u>	<u>\$ 339,921</u>
50									
51	334100	Meters							
52	Recurring Projects		\$ 777,602	\$ 73,517	\$ 4,710	\$ 852	\$ -	\$ 79,079	\$ 81,685
53	Investment Projects		-	-	-	-	-	-	-
54	Total QIP		<u>\$ 777,602</u>	<u>\$ 73,517</u>	<u>\$ 4,710</u>	<u>\$ 852</u>	<u>\$ -</u>	<u>\$ 79,079</u>	<u>\$ 81,685</u>
55									
56	334200	Meter Installations							
57	Recurring Projects		\$ 5,655,858	\$ 534,726	\$ 131,361	\$ 65,010	\$ -	\$ 731,097	\$ 755,196
58	Investment Projects		-	-	-	-	-	-	-
59	Total QIP		<u>\$ 5,655,858</u>	<u>\$ 534,726</u>	<u>\$ 131,361</u>	<u>\$ 65,010</u>	<u>\$ -</u>	<u>\$ 731,097</u>	<u>\$ 755,196</u>
60									
61	335000	Hydrants							
62	Recurring Projects		\$ 993,658	\$ 93,944	\$ 20,885	\$ 12,268	\$ -	\$ 127,097	\$ 131,286
63	Investment Projects		-	-	-	-	-	-	-
64	Total QIP		<u>\$ 993,658</u>	<u>\$ 93,944</u>	<u>\$ 20,885</u>	<u>\$ 12,268</u>	<u>\$ -</u>	<u>\$ 127,097</u>	<u>\$ 131,286</u>
65									
66	Expense:								
67			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
68			-	-	-	-	-	-	-
69			-	-	-	-	-	-	-
70	Total		<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
71									
72	Total		<u>\$ 37,777,474</u>	<u>\$ 3,571,625</u>	<u>\$ 911,368</u>	<u>\$ 434,284</u>	<u>\$ -</u>	<u>\$ 4,917,277</u>	<u>\$ 5,079,359</u>

**Tennessee American Water
Economic Development Investment (EDI)
Calculation of EDI Revenue Requirement**

Line Number	Description	EDI Company Totals
1	Additions Subject to EDI:	\$ 1,747,247
2	Plus: Cost of Removal less Salvage	1,630
3	Less: Contributions in Aid to Construction (CIAC)	3,845
4	Less: Deferred Income Taxes	30,011
5	Less: Accumulated Depreciation	42,834
6	Net Investment Supplied EDI Additions:	<u>\$ 1,672,186</u>
7		
8	Pre-Tax Rate of Return:	9.45438%
9	Pre-Tax Return on Additions:	<u>\$ 158,095</u>
10		
11	Depreciation Expense on EDI Additions:	23,622
12		
13	Operational Expenses Related to EDI	-
14		
15	Property and Franchise Taxes Associated with EDI:	<u>23,586</u>
16		
17	EDI Revenues:	<u>\$ 205,303</u>
18		
19	Revenue Taxes	3.191%
20	EDI Revenues with Revenue Taxes	<u>\$ 212,070</u>
21		
22	EDI APP Revenue Reduction	<u>(365)</u>
23		
24	Total EDI Revenues with Revenue Taxes & APP Reduction	<u>\$ 211,705</u>
25		
26	Service Charge and Volumetric Revenues as Per Docket No. 12-00049	<u>\$ 47,073,724</u>
27		
28	EDI Percentage to Apply to Bill:	<u>0.45%</u>
29		

[illegible]

**Tennessee American Water
Safety and Environmental Compliance (SEC)
Calculation of SEC Revenue Requirement**

Line Number	Description	SEC Company Totals
1	Additions Subject to SEC:	\$ 22,890,898
2	Plus: Cost of Removal less Salvage	2,747,113
3	Less: Contributions in Aid to Construction (CIAC)	-
4	Less: Deferred Income Taxes	536,803
5	Less: Accumulated Depreciation	1,162,317
6	Net Investment Supplied SEC Additions:	<u>\$ 23,938,891</u>
7		
8	Pre-Tax Rate of Return:	9.45438%
9	Pre-Tax Return on Additions:	<u>\$ 2,263,273</u>
10		
11	Depreciation Expense on SEC Additions:	443,809
12		
13	Operational Expenses Related to SEC	-
14		
15	Property and Franchise Taxes Associated with SEC:	<u>290,150</u>
16		
17	SEC Revenues:	<u>\$ 2,997,232</u>
18		
19	Revenue Taxes	3.191%
20	SEC Revenues with Revenue Taxes	<u>\$ 3,096,026</u>
21		
22	SEC APP Revenue Reduction	<u>(10,183)</u>
23		
24	SEC Revenues with Revenue Taxes & APP Reduction	<u>\$ 3,085,842</u>
25		
26	Service Charge and Volumetric Revenues as Per Docket No. 12-00049	<u>\$ 47,073,724</u>
27		
28	SEC Percentage to Apply to Bill:	<u>6.56%</u>
29		

[illegible]

[illegible]

Tennessee American Water Company
Safety and Environmental Compliance (SEC)
Investment Worksheet

			1	2	3	4	5	B	C
		SEC				=Col 1 + Col 2			
Line #	Investment by Plant Account	Account Description	Additions	Retirements	CIAC	Net Investments (for Property Tax Calculation)	Cost of Removal Net of Salvage	Accumulated Deferred Income Taxes	Accumulated Depreciation
91	343000	Tools, Shop, Garage Equipment							
92	Recurring Projects		\$ 4,064	\$ (3,339)	\$ -	\$ 725	\$ -	\$ (75)	\$ (97)
93	Investment Projects		-	-	-	-	-	-	-
94	Total QIP		<u>\$ 4,064</u>	<u>\$ (3,339)</u>	<u>\$ -</u>	<u>\$ 725</u>	<u>\$ -</u>	<u>\$ (75)</u>	<u>\$ (97)</u>
95									
96	344000	Laboratory Equipment							
97	Recurring Projects		\$ 1,740	\$ (179,515)	\$ -	\$ (177,775)	\$ 1,239	\$ (2,142)	\$ 5,585
98	Investment Projects		-	-	-	-	-	-	-
99	Total QIP		<u>\$ 1,740</u>	<u>\$ (179,515)</u>	<u>\$ -</u>	<u>\$ (177,775)</u>	<u>\$ 1,239</u>	<u>\$ (2,142)</u>	<u>\$ 5,585</u>
100									
101	345000	Power Operated Equipment							
102	Recurring Projects		\$ 50,912	\$ (13,855)	\$ -	\$ 37,057	\$ 2,058	\$ 991	\$ (7,796)
103	Investment Projects		-	-	-	-	-	-	-
104	Total QIP		<u>\$ 50,912</u>	<u>\$ (13,855)</u>	<u>\$ -</u>	<u>\$ 37,057</u>	<u>\$ 2,058</u>	<u>\$ 991</u>	<u>\$ (7,796)</u>
105									
106	346100	Comm Equip Non-Telephone							
107	Recurring Projects		\$ 52,497	\$ -	\$ -	\$ 52,497	\$ -	\$ (10,093)	\$ (7,486)
108	Investment Projects		-	-	-	-	-	-	-
109	Total QIP		<u>\$ 52,497</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 52,497</u>	<u>\$ -</u>	<u>\$ (10,093)</u>	<u>\$ (7,486)</u>
110									
111	346190	Remote Control & Instrument							
112	Recurring Projects		\$ 728,844	\$ (74,085)	\$ -	\$ 654,759	\$ 3,566	\$ (156,145)	\$ (64,763)
113	Investment Projects		-	-	-	-	-	-	-
114	Total		<u>\$ 728,844</u>	<u>\$ (74,085)</u>	<u>\$ -</u>	<u>\$ 654,759</u>	<u>\$ 3,566</u>	<u>\$ (156,145)</u>	<u>\$ (64,763)</u>
115									
116	347000	Misc Equipment							
117	Recurring Projects		\$ 9,525	\$ (2,307)	\$ -	\$ 7,217	\$ 3,114	\$ 188	\$ (1,468)
118	Investment Projects		18,537	-	-	18,537	-	344	(3,109)
119	Total		<u>\$ 28,062</u>	<u>\$ (2,307)</u>	<u>\$ -</u>	<u>\$ 25,754</u>	<u>\$ 3,114</u>	<u>\$ 532</u>	<u>\$ (4,577)</u>
120									
121	Expense:								
122	Chemical Expense for WasteWater handling:		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
123	Electric Power Expense for Wasterwater handling:		-	-	-	-	-	-	-
124	Hauling Expense for Wasterwater handling:		-	-	-	-	-	-	-
125	Total		<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
126									
127	Total		<u>\$ 22,890,898</u>	<u>\$ (1,415,383)</u>	<u>\$ -</u>	<u>\$ 21,475,515</u>	<u>\$ 2,747,113</u>	<u>\$ (536,803)</u>	<u>\$ (1,162,317)</u>

**Tennessee American Water Company
Safety and Environmental Compliance (SEC)
Investment Worksheet**

			6	7	8	9	10	11	12
			=Cols 1 + 3 + 5 + B + C	=Col 6 x 9.454378%	=(Col 1+2+3)x Depreciation Rate	= (Col 4 x Prop Tax Rate) + (Col 4 x Franchise Rate)		=Cols 7 + 8 + 9 + 10	= Col 11 / (1 - 3.191%)
		SEC							
Line #	Investment by Plant Account	Account Description	Earnings Basis Net Investment (Rate Base)	Earnings Basis x Pre-Tax Return (PTR)	Depreciation Expense	Property Tax & Franchise Fees	Operational Expenses	Total Before Revenue Tax	Total With Revenue Tax
91	343000	Tools, Shop, Garage Equipment							
92	Recurring Projects		\$ 3,892	\$ 368	\$ 50	\$ 10	\$ -	\$ 428	\$ 442
93	Investment Projects		-	-	-	-	-	-	-
94	Total QIP		<u>\$ 3,892</u>	<u>\$ 368</u>	<u>\$ 50</u>	<u>\$ 10</u>	<u>\$ -</u>	<u>\$ 428</u>	<u>\$ 442</u>
95									
96	344000	Laboratory Equipment							
97	Recurring Projects		\$ 6,422	\$ 607	\$ (1,796)	\$ (2,402)	\$ -	\$ (3,590)	\$ (3,709)
98	Investment Projects		-	-	-	-	-	-	-
99	Total QIP		<u>\$ 6,422</u>	<u>\$ 607</u>	<u>\$ (1,796)</u>	<u>\$ (2,402)</u>	<u>\$ -</u>	<u>\$ (3,590)</u>	<u>\$ (3,709)</u>
100									
101	345000	Power Operated Equipment							
102	Recurring Projects		\$ 46,166	\$ 4,365	\$ 2,605	\$ 501	\$ -	\$ 7,470	\$ 7,717
103	Investment Projects		-	-	-	-	-	-	-
104	Total QIP		<u>\$ 46,166</u>	<u>\$ 4,365</u>	<u>\$ 2,605</u>	<u>\$ 501</u>	<u>\$ -</u>	<u>\$ 7,470</u>	<u>\$ 7,717</u>
105									
106	346100	Comm Equip Non-Telephone							
107	Recurring Projects		\$ 34,918	\$ 3,301	\$ 2,210	\$ 709	\$ -	\$ 6,221	\$ 6,426
108	Investment Projects		-	-	-	-	-	-	-
109	Total QIP		<u>\$ 34,918</u>	<u>\$ 3,301</u>	<u>\$ 2,210</u>	<u>\$ 709</u>	<u>\$ -</u>	<u>\$ 6,221</u>	<u>\$ 6,426</u>
110									
111	346190	Remote Control & Instrument							
112	Recurring Projects		\$ 511,503	\$ 48,359	\$ 27,565	\$ 8,846	\$ -	\$ 84,771	\$ 87,565
113	Investment Projects		-	-	-	-	-	-	-
114	Total		<u>\$ 511,503</u>	<u>\$ 48,359</u>	<u>\$ 27,565</u>	<u>\$ 8,846</u>	<u>\$ -</u>	<u>\$ 84,771</u>	<u>\$ 87,565</u>
115									
116	347000	Misc Equipment							
117	Recurring Projects		\$ 11,358	\$ 1,074	\$ 457	\$ 98	\$ -	\$ 1,628	\$ 1,682
118	Investment Projects		15,772	1,491	1,173	250	-	2,915	3,011
119	Total		<u>\$ 27,131</u>	<u>\$ 2,565</u>	<u>\$ 1,630</u>	<u>\$ 348</u>	<u>\$ -</u>	<u>\$ 4,543</u>	<u>\$ 4,693</u>
120									
121	Expense:								
122	Chemical Expense for WasteWater handling:		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
123	Electric Power Expense for Wasterwater handling:		-	-	-	-	-	-	-
124	Hauling Expense for Wasterwater handling:		-	-	-	-	-	-	-
125	Total		<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
126									
127	Total		<u>\$ 23,938,891</u>	<u>\$ 2,263,273</u>	<u>\$ 443,809</u>	<u>\$ 290,150</u>	<u>\$ -</u>	<u>\$ 2,997,232</u>	<u>\$ 3,096,026</u>

**Authorization of Tennessee American Water Capital Recovery Riders
Since Last Rate Case (Docket No. 12-00049)**

TRA Docket No.	Effective Date	Rider	Authorized Annual Change	Total Cumulative Rider	Reconciliation Authorized	Individual Authorized Rider Total	Capital Riders Cumulative Total
13-00130	4/15/2014	QIIP	0.790%	0.790%	0.000%	0.790%	1.080%
		EDI	0.180%	0.180%	0.000%	0.180%	
		SEC	0.110%	0.110%	0.000%	0.110%	
		Total	1.080%		0.000%		
14-00121	6/30/2015	QIIP	1.340%	2.130%	0.000%	2.130%	5.720%
		EDI	-0.130%	0.050%	0.000%	0.050%	
		SEC	3.430%	3.540%	0.000%	3.540%	
		Total	4.640%		0.000%		
15-00029*	11/1/2015	QIIP	0.000%	2.130%	0.254%	2.384%	5.888%
		EDI	0.000%	0.050%	-0.150%	-0.100%	
		SEC	0.000%	3.540%	0.064%	3.604%	
		Total	0.000%	5.720%	0.168%		
15-00111	3/15/2016	QIIP	2.430%	4.560%	0.000%	4.560%	10.380%
		EDI	0.050%	0.100%	0.000%	0.100%	
		SEC	2.180%	5.720%	0.000%	5.720%	
		Total	4.660%		0.000%		
16-00022*	10/11/2016	QIIP	0.000%	4.560%	1.166%	5.726%	11.250%
		EDI	0.000%	0.100%	-0.178%	-0.078%	
		SEC	0.000%	5.720%	-0.118%	5.602%	
		Total	0.000%		0.870%		
16-00126	3/14/2017	QIIP	2.960%	7.520%	0.000%	7.520%	13.950%
		EDI	0.240%	0.340%	0.000%	0.340%	
		SEC	0.370%	6.090%	0.000%	6.090%	
		Total	3.570%		0.000%		
17-00020*	8/16/2017	QIIP	0.000%	7.520%	1.763%	9.283%	14.856%
		EDI	0.000%	0.340%	-0.031%	0.309%	
		SEC	0.000%	6.090%	-0.826%	5.264%	
		Total	0.000%		0.906%		
Proposed	1/1/2018	QIIP	3.250%	10.770%	0.000%	10.770%	17.780%
		EDI	0.110%	0.450%	0.000%	0.450%	
		SEC	0.470%	6.560%	0.000%	6.560%	
		Total	3.830%		0.000%		

* Reconciliations are only effective until December 31 of the year authorized by the TRA.

CLASSIFICATION OF SERVICE**ECONOMIC DEVELOPMENT INVESTMENT PROGRAM – RIDER****1. Applicability**

In addition to the other charges provided for in this Tariff under Service Classifications Residential, Commercial, Industrial, Other Public Authority, Sales for Resale, and Private Fire, a Economic Development Investment Program (“EDI”) Rider will apply to customers in all service areas.

The above rider will be recomputed annually and be adjusted periodically to incorporate the Annual Reconciliation Factor.

2. Definitions

For the purposes of this Rider:

“**Actual EDI Investment Amount**” means the amount of actual capital investment and associated operating expenses of the Company for the Economic Development Investment Program and not otherwise included in current base rates. At the time of the Company’s next general rate case proceeding, all prudently incurred Actual EDI Investment Amounts associated with this Rider shall be included in base rates.

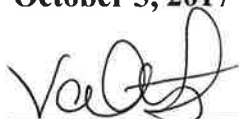
“**Annual Reconciliation Factor**” means an adjustment factor to true-up rates from forecasted costs to the actual costs incurred through application of 1) the Budget-to-Actual Adjustment and 2) the Over-Under Collection Adjustment, and the 3) Earnings Test Adjustment, as adjusted for Interest.

“**Annual Review Period**” means the twelve-month period between the annual adjustments of the EDI Percentage Rate. For the first year beyond the attrition year of the base rate case, this review period may be shorter or longer than a twelve-month period to cover expenditures between the attrition year and the start of the subsequent calendar year.

“**Commission**” means the Tennessee Public Utility Commission.

“**Budget-to-Actual Adjustment**” means the adjustment to EDI for the applicable coming annual period due to the difference between the Forecasted EDI Investment and Expense Amount and the Actual EDI Investment and Expense Amount.

(T) Denotes Change in text

ISSUED: October 3, 2017**EFFECTIVE: November 2, 2017****BY:**

**Valoria V. Armstrong
PRESIDENT**

**109 Wiehl Street
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“Consumer Advocate” means the Consumer Advocate and Protection Division of the Office of the Tennessee Attorney General.

“Forecasted EDI Investment Amount” means the amount of forecasted capital investment of the Company for the Economic Development Investment Program and not otherwise included in current base rates.

(T) **“Over-Under Collection Adjustment”** means the adjustment to EDI for the applicable coming annual period due to the net amount of over or under collections. This will include over-under collections from the annual review period EDI and any remaining balance of the over-under collection from the prior reconciliation of the EDI.

“Relevant Rate Order” means the final order of the Commission in the most recent rate case of the Company fixing the rates of the Company or the most recent final order of the Commission specifically prescribing or fixing the factors and procedures to be used in the application of this Rider.

3. General Description

EDI allows the Company to recover outside of a rate case its qualifying incremental non-revenue producing plant infrastructure investment and expenses. For purposes of this Rider, qualifying EDI investment includes the following:

Distribution, Production, and Other Infrastructure – Distribution, production, and other infrastructure that may be identified as being for the purpose of economic development.

Economic Development Expenses – Operational expenses that are specifically to support economic development and economic development investment utility plant.

EDI Investment is to be identifiable on the Company’s books and segregated into the following general accounts:

Account 331 – Transmission & Distribution Mains;
Account 333 – Services;
Account 334 – Meters & Meter Installations;
Account 335 – Hydrants;
Account 320 – Water Treatment Equipment, Non-Media;
Account 311 – Pumping Equipment;
Account 303 – Land and Land Rights;
Account 304 – Structures and Improvements;

(T) Denotes Change in text

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BY:



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TENNESSEE-AMERICAN WATER COMPANY**TPUC NO. 19****Third Revised Sheet No. 12-EDI-3**

Account 306 – Lake, River and Other Intakes;
 Account 307 – Wells and Springs;
 Account 309 – Supply Mains;
 Account 310 – Power Generation Equipment;
 Account 330 – Distribution Reservoirs and Standpipes; and
 Account 330003 – Capitalized Tank Painting.

4. Determination of the Economic Development Investment Program Percentage Rate

- (A) The EDI percentage shall be expressed as a percentage carried to two (2) decimal places. The EDI percentage shall be applied to the total amount billed to each Customer based on the Company's otherwise applicable rates and charges.
- (B) The EDI percentage shall be calculated on an annual prospective basis as follows:

FORECASTED EDI Investment Amount

Less EDI Plant Retirements (Net of Cost of Removal & Salvage)

Less Contributions in Aid of Construction

Less Accumulated Depreciation

Less Accumulated Deferred Income Taxes

Net Forecasted EDI Qualifying Investment

Multiplied by the Pre-Tax ROR set forth in the Relevant Rate Order

Allowed Forecasted EDI Pre-Tax Return

Plus Depreciation Expense

Plus Property Taxes

Plus Franchise Taxes

Plus Economic Development Operational Expenses

Subtotal Forecasted EDI Revenue Requirement Before Revenue Tax

Divided by 1 minus the following:

Forfeited Discounts Rate

Plus Uncollectible Expense Rate

Plus Gross Receipts Tax Rate

Total Forecasted EDI Revenue Requirement

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Divided by Relevant Rate Order Volumetric & Metered Revenue

EDI Percentage Rate

Where:

Accumulated Depreciation = Accumulated depreciation calculated by debiting for Forecasted EDI plant removed from service, and crediting for new accumulations using rates approved in the Relevant Rate Order on new investments, less retirements and CIAC.

Accumulated Deferred Income Taxes = An average of the forecasted accumulated deferred income taxes related to qualified forecasted EDI investment at the beginning and end of the year.

Contributions in Aid of Construction = Non-investor supplied funds used in the construction of forecasted EDI infrastructure.

Depreciation Expense = Forecasted cumulative qualified EDI investment net of retirements and CIAC, multiplied by depreciation rates approved in the Relevant Rate Order.

Forfeited Discount Rate = Forecasted EDI Revenue Requirement before gross receipts taxes, uncollectible expense and forfeited discounts multiplied by composite forfeited discount factor approved in the Relevant Rate Order.

Franchise Taxes = Forecasted cumulative qualified EDI investment multiplied by composite franchise tax rate approved in the Relevant Rate Order.

Gross Receipts Tax Rate = Forecasted EDI Revenue Requirement before gross receipts taxes, uncollectible expense and forfeited discounts multiplied by composite gross receipts tax rate approved in the Relevant Rate Order.

Property Taxes = Forecasted cumulative qualified EDI investment multiplied by composite property tax rate approved in the Relevant Rate Order.

EDI Plant Retirements = Forecasted EDI plant removed from service net of any associated cost of removal and salvage.

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Forecasted EDI Investment Amount = Average forecasted EDI additions to plant infrastructure as described in Section 3, computed by use of average of 12 end-of-month balances.

Economic Development Expenses = the incremental operational expenses that are specifically to support economic development or economic development utility plant.

Uncollectible Expense = Forecasted EDI Revenue Requirement before gross receipts taxes, uncollectible expense and forfeited discounts multiplied by composite uncollectible factor approved in the Relevant Rate Order.

Volumetric & Metered Revenue = the revenues authorized in the Relevant Rate Order for volumetric water sales, meter charges, and private fire service charges.

- (C) The total amount to be recovered through the EDI is the EDI Percentage Rate as adjusted for the Annual Reconciliation Factor Percentage Rate.

5. Determination of the Annual Reconciliation Factor Percentage Rate

- (A) The Annual Reconciliation Factor Percentage shall be expressed as a percentage carried to two (2) decimal places. The Annual Reconciliation Factor Percentage shall be applied to the total amount billed to each Customer based on the Company's otherwise applicable rates and charges.

- (B) The Annual Reconciliation Factor Percentage Rate will be computed as follows:

Budget-to-Actual Adjustment

Plus Over-Under Collection Adjustment

Plus Earnings Test Adjustment

Plus Interest

Annual Reconciliation Amount

Divided by 9/12 of the Relevant Rate Order Volumetric & Metered Revenue

Annual Reconciliation Factor Percentage Rate

- (C) Computation of the Budget-to-Actual Adjustment.

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The Budget-to-Actual Adjustment will be computed as follows:

ACTUAL EDI Investment Amount for the Annual Review Period
 Less EDI Plant Retirements (Net of Cost of Removal & Salvage)
 Less Contributions in Aid of Construction
 Less Accumulated Depreciation
Less Accumulated Deferred Income Taxes
 Net Actual EDI Qualifying Investment

Multiplied by the Pre-Tax ROR set forth in the Relevant Rate Order

Allowed Actual EDI Pre-Tax Return
 Plus Depreciation Expense
 Plus Property Taxes
 Plus Franchise Taxes
Plus Economic Development Operational Expenses
 Subtotal Actual EDI Revenue Requirement Before Revenue Tax

Divided by 1 minus the following:

Forfeited Discounts Rate
 Plus Uncollectible Expense Rate
Plus Gross Receipts Tax Rate
 Total Actual EDI Revenue Requirement

 Less Total Forecasted EDI Revenue Requirement

 Budget-to-Actual Adjustment

Where:

Accumulated Depreciation = Accumulated depreciation calculated by debiting for Forecasted EDI plant removed from service, and crediting for new accumulations using rates approved in the Relevant Rate Order on new investments, less retirements and CIAC

Accumulated Deferred Income Taxes = An average of the actual accumulated deferred income taxes related to actual EDI investment at the beginning and end of the year.

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Contributions in Aid of Construction = Non-investor supplied funds used in the construction of actual EDI infrastructure.

Depreciation Expense = Actual cumulative qualified EDI investment net of retirements and CIAC multiplied by depreciation rates approved in the Relevant Rate Order.

Forfeited Discount Rate = Actual EDI Revenue Requirement before gross receipts taxes, uncollectible expense and forfeited discounts multiplied by composite forfeited discount factor approved in the Relevant Rate Order.

Franchise Taxes = Actual cumulative qualified EDI investment multiplied by composite franchise tax rate approved in the Relevant Rate Order.

Gross Receipts Tax Rate = Actual EDI Revenue Requirement before gross receipts taxes, uncollectible expense and forfeited discounts multiplied by composite gross receipts tax rate approved in the Relevant Rate Order.

Property Taxes = Actual cumulative qualified EDI investment multiplied by composite property tax rate approved in the Relevant Rate Order.

EDI Plant Retirements = Actual EDI plant removed from service net of any associated cost of removal and salvage.

Actual EDI Investment Amount = Average actual EDI additions to plant infrastructure as described in Section 3, computed by use of average of 12 end-of-month balances.

Economic Development Expenses = the incremental operational expenses that are specifically to support economic development or economic development utility plant.

Uncollectible Expense = Actual EDI Revenue Requirement before gross receipts taxes, uncollectible expense and forfeited discounts multiplied by composite uncollectible factor approved in the Relevant Rate Order.

Volumetric & Metered Revenue = the revenues authorized in the Relevant Rate Order for volumetric water sales, meter charges, and private fire service charges.

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(D) Computation of the Over-Under Collection Adjustment.

- (T) The Company will identify and record the total amount of the EDI Collected from Customers for the Annual Review Period. The difference between the Total EDI Collected from Customers and the Total Budgeted EDI Revenue Requirement shall constitute the Over-Under Collection Adjustment. This adjustment shall include any remaining Over-Under
- (T) amount from the prior period reconciliation during the Annual Review Period in addition to
- (T) the Over-Under collection amount for the EDI during the Annual Review Period.

(E) Computation of the Earnings Test Adjustment.

If the earnings attained by the Company for the Annual Review Period exceed the earnings allowed for the Annual Review Period by applying the overall rate of return authorized in the Relevant Rate Order, then any such earnings difference shall constitute the Earnings Test Adjustment. If the earnings attained by the Company for the Annual Review Period are less than the earnings allowed for the Annual Review Period by applying the overall rate of return authorized in the Relevant Rate Order, then no Earnings Test Adjustment shall be recognized.

Any Earnings Test Adjustment shall be allocated among the Qualified Infrastructure Improvement Program Rider, the Economic Development Investment Rider, and the Safety and Environmental Compliance Rider based on the pro-rata revenues collected under these riders for the Annual Review Period for purposes of computing new rate adjustments.

(F) Computation of Interest.

Interest will be computed as follows:

Budget-to-Actual Adjustment
Plus Over-Under Collection Adjustment
Plus Earnings Test Adjustment

Total Amount Subject to Interest
Interest Rate Multiplied by 50%

Total Interest

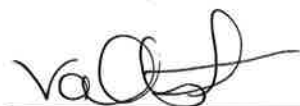
Where "Interest Rate" equals the prime rate value published in the "Federal Reserve Bulletin" or in the Federal Reserve's "Selected Interest Rates" for the most recent preceding month.

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6. New Base Rates

The EDI rider will be reset at zero upon the establishment of new base rates to customer billings that provide for the prospective recovery of the annual costs that had theretofore been recovered under the EDI. Thereafter, only the costs of new EDI eligible plant additions that have not previously been reflected in the Company's rate base, would be reflected in new annual prospective EDI filings.

7. Annual EDI Percentage Rate Filing

On or before December 1 of each year, the Company shall submit to the Commission a calculation of the EDI Percentage Rate for the following calendar year. The Annual EDI Percentage Rate Filing shall be verified by an officer of the Company. The Annual EDI Percentage Rate Filing shall include a calculation to adjust revenue to recover costs related to the Forecasted EDI Investment Amount, with such revenue adjustment applied through the EDI Percentage Rate. The EDI Percentage Rate shall become effective on January 1 of each year and be applied as an adjustment to Customers' bills for the remainder of the calendar year.

The Company will include in its Annual EDI Percentage Rate Filing the following information at a minimum: (a) computation of the EDI Percentage Rate, including the detailed calculation of each component, (b) a budget of the Forecasted EDI Investment Amount and Forecasted Economic Development Operational Expenses adopted by the Company's Board of Directors, (c) any related Strategic Capital Expenditures Plans, (d) statements demonstrating how each projected capital investment comprising the Forecasted EDI Investment Amount and each projected operational expense comprising the Forecasted Economic Development Operational Expenses meet the requirements for recovery under this Rider set forth in Section 3, and (e) such other information as the Commission may direct.

The Company will simultaneously copy the Consumer Advocate on its Annual EDI Percentage Rate Filing.

8. Annual Reconciliation Filing with the Commission

On or before March 1 of each year, the Company shall submit to the Commission a reconciliation of the results of the operation of the EDI for the previous Annual Review Period. The Annual Reconciliation Filing shall be verified by an officer of the Company. The annual reconciliation shall include a calculation to adjust revenue collected under this EDI Rider in effect for the prior Annual Review Period to an amount equivalent to the actual level of prudently-incurred EDI cost for the prior Annual Review Period, with such revenue adjustment applied through the Annual Reconciliation Factor Percentage Rate. The Annual Reconciliation Factor Percentage Rate shall become effective on

(T) Denotes Change in text

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TENNESSEE-AMERICAN WATER COMPANY**Third Revised Sheet No. 12-EDI-10**

April 1 of each year and be applied as an adjustment to Customers' bills for the remainder of the calendar year.

The Company will include in its Annual Reconciliation Filing the following information at a minimum: (a) a schedule of all journal entries made related to this Rider for the Annual Review Period, including any related general ledger support, (b) actual billing determinants by month as used in the computation of the Total EDI Collected from Customers for the Annual Review Period, (c) capitalization policy effective for the Annual Review Period, (d) computation of the Annual Reconciliation Factor Percentage Rate, including the detailed calculation of each component, (e) schedules of the Actual EDI Investment Amount and Actual Economic Development Operational Expenses, including related general ledger support, (f) a schedule of any proposed prior period adjustments, (g) an affirmative statement of whether the Company is aware of any changes in market conditions or other factors that may affect whether the Rider is still in the public interest, including the identification of such factors if they exist, (h) the cumulative amount of EDI collected from customers under this Rider, and (i) such other information as the Commission may direct.

The Company will simultaneously copy the Consumer Advocate on its Annual Reconciliation Filing.

9. Notice Requirements

The Company will file revised tariffs for Commission approval upon 30 days' notice to implement a decrement or an increment each January 1 and April 1. Along with the tariff filing, the Company will include a copy of the computation of the new rate adjustment. The Company will simultaneously copy the Consumer Advocate on this filing.

10. Public Interest Review

Nothing herein shall be construed to eliminate or otherwise restrict the opportunity of the Consumer Advocate or any other interested party from seeking a review of this Rider, as permitted by law and the rules and regulations of the Commission, for a reconsideration of whether it remains in the public interest.

(T) Denotes Change in text

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BY:



**Valoria V. Armstrong
PRESIDENT**

**109 Wiehl Street
Chattanooga, Tennessee 37403**

CLASSIFICATION OF SERVICE**QUALIFIED INFRASTRUCTURE IMPROVEMENT PROGRAM – RIDER****1. Applicability**

In addition to the other charges provided for in this Tariff under Service Classifications Residential, Commercial, Industrial, Other Public Authority, Sales for Resale, and Private Fire, a Qualified Infrastructure Improvement Program (“QIIP”) Rider will apply to customers in all service areas.

The above rider will be recomputed annually and be adjusted periodically to incorporate the Annual Reconciliation Factor.

2. Definitions

For the purposes of this Rider:

“**Actual QIIP Investment Amount**” means the amount of actual capital investment of the Company for the Qualified Infrastructure Improvement Program and not otherwise included in current base rates. At the time of the Company’s next general rate case proceeding, all prudently incurred Actual QIIP Investment Amounts associated with this Rider shall be included in base rates.

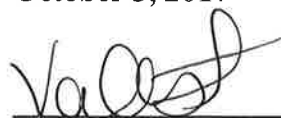
“**Annual Reconciliation Factor**” means an adjustment factor to true-up rates from forecasted costs to the actual costs incurred through application of 1) the Budget-to-Actual Adjustment and 2) the Over-Under Collection Adjustment, and the 3) Earnings Test Adjustment, as adjusted for Interest.

“**Annual Review Period**” means the twelve-month period between the annual adjustments of the QIIP Percentage Rate.

“**Commission**” means the Tennessee Public Utility Commission.

“**Budget-to-Actual Adjustment**” means the adjustment to QIIP for the applicable coming annual period due to the difference between the Forecasted QIIP Investment Amount and the Actual QIIP Investment Amount.

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“Consumer Advocate” means the Consumer Advocate and Protection Division of the Office of the Tennessee Attorney General.

“Forecasted QIIP Investment Amount” means the amount of forecasted capital investment of the Company for the Qualified Infrastructure and Investment Program and not otherwise included in current base rates.

(T) **“Over-Under Collection Adjustment”** means the adjustment to QIIP for the applicable
(T) coming annual period due to the net amount of over or under collections. This will include
(T) over-under collections from the annual review period EDI and any remaining balance of the
(T) over-under collection from the prior reconciliation of the EDI.

“Relevant Rate Order” means the final order of the Commission in the most recent rate case of the Company fixing the rates of the Company or the most recent final order of the Commission specifically prescribing or fixing the factors and procedures to be used in the application of this Rider.

3. General Description

QIIP allows the Company to recover outside of a rate case its qualifying incremental non-revenue producing plant infrastructure investment. For purposes of this Rider, qualifying QIIP investment includes the following:

Distribution Infrastructure – Replacement distribution and transmission mains and valves installed as replacements for existing facilities, reinforcement of existing facilities or otherwise insuring reliability of existing facilities; Hydrants, Services, Meters and Meter Installations – installed as in-kind replacements, reinforcements or insuring reliability of existing facilities; Unreimbursed funds related to capital projects to relocate facilities required by governmental highway projects; Capitalized tank repairs and maintenance that serve to replace, reinforce, or otherwise insure reliability of existing facilities.

Production and Pumping Infrastructure – Replacement of water treatment facilities and equipment installed as replacements for existing facilities, reinforcement of existing facilities or otherwise insuring reliability of existing facilities; Raw Water and Finished Water pumping equipment and structures installed as replacements, reinforcements or otherwise insuring reliability of existing facilities.

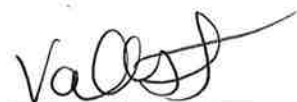
Other Infrastructure – Infrastructure designed to utilize alternative fuels.

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QIIP Investment is to be identifiable on the Company's books and segregated into the following general accounts:

Account 331 – Transmission & Distribution Mains;
 Account 333 – Services;
 Account 334 – Meters & Meter Installations;
 Account 335 – Hydrants;
 Account 320 – Water Treatment Equipment, Non-Media;
 Account 311 – Pumping Equipment;
 Account 303 – Land and Land Rights;
 Account 304 – Structures and Improvements;
 Account 306 – Lake, River and Other Intakes;
 Account 307 – Wells and Springs;
 Account 309 – Supply Mains;
 Account 310 – Power Generation Equipment
 Account 330 – Distribution Reservoirs and Standpipes;
 Account 341 – Transportation Equipment; and
 Account 330003 – Capitalized Tank Painting.

4. Determination of the Qualified Infrastructure Improvement Program Percentage Rate

- (A) The QIIP percentage shall be expressed as a percentage carried to two (2) decimal places. The QIIP percentage shall be applied to the total amount billed to each Customer based on the Company's otherwise applicable rates and charges.
- (B) The QIIP percentage shall be calculated on an annual prospective basis as follows:

FORECASTED QIIP Investment Amount

Less QIIP Plant Retirements (Net of Cost of Removal & Salvage)

Less Contributions in Aid of Construction

Less Accumulated Depreciation

Less Accumulated Deferred Income Taxes

Net Forecasted QIIP Qualifying Investment

Multiplied by the Pre-Tax ROR set forth in the Relevant Rate Order

Allowed Forecasted QIIP Pre-Tax Return

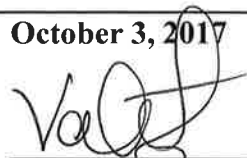
Plus Depreciation Expense

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Plus Property Taxes
 Plus Franchise Taxes
 Subtotal Forecasted QIIP Revenue Requirement Before Revenue Tax

Divided by 1 minus the following:
 Forfeited Discounts Rate
 Plus Uncollectible Expense Rate
 Plus Gross Receipts Tax Rate
 Total Forecasted QIIP Revenue Requirement

Divided by Relevant Rate Order Volumetric & Metered Revenue

QIIP Percentage Rate

Where:

Accumulated Depreciation = Accumulated depreciation calculated by debiting for Forecasted QIIP plant removed from service, and crediting for new accumulations using rates approved in the Relevant Rate Order on new investments, less retirements and CIAC.

Accumulated Deferred Income Taxes = An average of the forecasted accumulated deferred income taxes related to qualified forecasted QIIP investment at the beginning and end of the year.

Contributions in Aid of Construction = Non-investor supplied funds used in the construction of forecasted QIIP infrastructure.

Depreciation Expense = Forecasted cumulative qualified QIIP investment net of retirements and CIAC, multiplied by depreciation rates approved in the Relevant Rate Order.

Forfeited Discount Rate = Forecasted QIIP Revenue Requirement before gross receipts taxes, uncollectible expense and forfeited discounts multiplied by composite forfeited discount factor approved in the Relevant Rate Order.

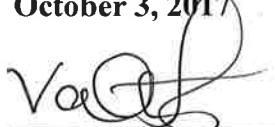
Franchise Taxes = Forecasted cumulative qualified QIIP investment multiplied by composite franchise tax rate approved in the Relevant Rate Order.

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Gross Receipts Tax Rate = Forecasted QIIP Revenue Requirement before gross receipts taxes, uncollectible expense and forfeited discounts multiplied by composite gross receipts tax rate approved in the Relevant Rate Order.

Property Taxes = Forecasted cumulative qualified QIIP investment multiplied by composite property tax rate approved in the Relevant Rate Order.

QIIP Plant Retirements = Forecasted QIIP plant removed from service net of any associated cost of removal and salvage.

Forecasted QIIP Investment Amount = Average forecasted QIIP additions to plant infrastructure as described in Section 3, computed by use of average of 12 end-of-month balances.

Uncollectible Expense = Forecasted QIIP Revenue Requirement before gross receipts taxes, uncollectible expense and forfeited discounts multiplied by composite uncollectible factor approved in the Relevant Rate Order.

Volumetric & Metered Revenue = the revenues authorized in the Relevant Rate Order for volumetric water sales, meter charges, and private fire service charges.

- (C) The total amount to be recovered through the QIIP is the QIIP Percentage Rate as adjusted for the Annual Reconciliation Factor Percentage Rate.

5. Determination of the Annual Reconciliation Factor Percentage Rate

- (A) The Annual Reconciliation Factor Percentage shall be expressed as a percentage carried to two (2) decimal places. The Annual Reconciliation Factor Percentage shall be applied to the total amount billed to each Customer based on the Company's otherwise applicable rates and charges.
- (B) The Annual Reconciliation Factor Percentage Rate will be computed as follows:

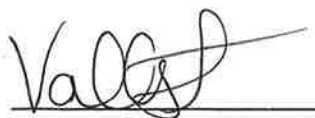
Budget-to-Actual Adjustment
Plus Over-Under Collection Adjustment

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TENNESSEE-AMERICAN WATER COMPANY

Page 16 of 31
TPUC NO. 19

Third Revised Sheet No. 12-QIIP-6

Plus Earnings Test Adjustment
Plus Interest
 Annual Reconciliation Amount

Divided by 9/12 of the Relevant Rate Order Volumetric & Metered Revenue

Annual Reconciliation Factor Percentage Rate

(C) Computation of the Budget-to-Actual Adjustment.

The Budget-to-Actual Adjustment will be computed as follows:

ACTUAL QIIP Investment Amount for the Annual Review Period
 Less QIIP Plant Retirements (Net of Cost of Removal & Salvage)
 Less Contributions in Aid of Construction
 Less Accumulated Depreciation
Less Accumulated Deferred Income Taxes
 Net Actual QIIP Qualifying Investment

Multiplied by the Pre-Tax ROR set forth in the Relevant Rate Order

Allowed Actual QIIP Pre-Tax Return
 Plus Depreciation Expense
 Plus Property Taxes
Plus Franchise Taxes
 Subtotal Actual QIIP Revenue Requirement Before Revenue Tax

Divided by 1 minus the following:

Forfeited Discounts Rate
 Plus Uncollectible Expense Rate
Plus Gross Receipts Tax Rate
 Total Actual QIIP Revenue Requirement

Less Total Forecasted QIIP Revenue Requirement

Budget-to-Actual Adjustment

Where:

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Accumulated Depreciation = Accumulated depreciation calculated by debiting for Forecasted QIIP plant removed from service, and crediting for new accumulations using rates approved in the Relevant Rate Order on new investments, less retirements and CIAC

Accumulated Deferred Income Taxes = An average of the actual accumulated deferred income taxes related to actual QIIP investment at the beginning and end of the year.

Contributions in Aid of Construction = Non-investor supplied funds used in the construction of actual QIIP infrastructure.

Depreciation Expense = Actual cumulative qualified QIIP investment net of retirements and CIAC multiplied by depreciation rates approved in the Relevant Rate Order.

Forfeited Discount Rate = Actual QIIP Revenue Requirement before gross receipts taxes, uncollectible expense and forfeited discounts multiplied by composite forfeited discount factor approved in the Relevant Rate Order.

Franchise Taxes = Actual cumulative qualified QIIP investment multiplied by composite franchise tax rate approved in the Relevant Rate Order.

Gross Receipts Tax Rate = Actual QIIP Revenue Requirement before gross receipts taxes, uncollectible expense and forfeited discounts multiplied by composite gross receipts tax rate approved in the Relevant Rate Order.

Property Taxes = Actual cumulative qualified QIIP investment multiplied by composite property tax rate approved in the Relevant Rate Order.

QIIP Plant Retirements = Actual QIIP plant removed from service net of any associated cost of removal and salvage.

Actual QIIP Investment Amount = Average actual QIIP additions to plant infrastructure as described in Section 3, computed by use of average of 12 end-of-month balances.

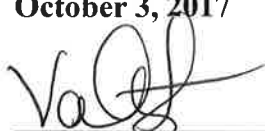
Uncollectible Expense = Actual QIIP Revenue Requirement before gross receipts taxes, uncollectible expense and forfeited discounts multiplied by composite uncollectible factor approved in the Relevant Rate Order.

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Volumetric & Metered Revenue = the revenues authorized in the Relevant Rate Order for volumetric water sales, meter charges, and private fire service charges.

(D) Computation of the Over-Under Collection Adjustment.

(T) The Company will identify and record the total amount of the QIIP Collected from
(T) Customers for the Annual Review Period. The difference between the Total QIIP Collected
(T) from Customers and the Total Budgeted QIIP Revenue Requirement shall constitute the
Over-Under Collection Adjustment. . This adjustment shall include any remaining Over-
Under amount from the prior period reconciliation during the Annual Review Period in
addition to the Over-Under collection amount for the EDI during the Annual Review Period.

(E) Computation of the Earnings Test Adjustment.

If the earnings attained by the Company for the Annual Review Period exceed the earnings allowed for the Annual Review Period by applying the overall rate of return authorized in the Relevant Rate Order, then any such earnings difference shall constitute the Earnings Test Adjustment. If the earnings attained by the Company for the Annual Review Period are less than the earnings allowed for the Annual Review Period by applying the overall rate of return authorized in the Relevant Rate Order, then no Earnings Test Adjustment shall be recognized.

Any Earnings Test Adjustment shall be allocated among the Qualified Infrastructure Improvement Program Rider, the Economic Development Investment Rider, and the Safety and Environmental Compliance Rider based on the pro-rata revenues collected under these riders for the Annual Review Period for purposes of computing new rate adjustments.

(F) Computation of Interest.

Interest will be computed as follows:

Budget-to-Actual Adjustment
Plus Over-Under Collection Adjustment
Plus Earnings Test Adjustment

Total Amount Subject to Interest
Interest Rate Multiplied by 50%

Total Interest

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Where "Interest Rate" equals the prime rate value published in the "Federal Reserve Bulletin" or in the Federal Reserve's "Selected Interest Rates" for the most recent preceding month.

6. New Base Rates

The QIIP rider will be reset at zero upon the establishment of new base rates to customer billings that provide for the prospective recovery of the annual costs that had theretofore been recovered under the QIIP. Thereafter, only the costs of new QIIP eligible plant additions that have not previously been reflected in the Company's rate base, would be reflected in new annual prospective QIIP filings.

7. Annual QIIP Percentage Rate Filing

On or before December 1 of each year, the Company shall submit to the Commission a calculation of the QIIP Percentage Rate for the following calendar year. The Annual QIIP Percentage Rate Filing shall be verified by an officer of the Company. The Annual QIIP Percentage Rate Filing shall include a calculation to adjust revenue to recover costs related to the Forecasted QIIP Investment Amount, with such revenue adjustment applied through the QIIP Percentage Rate. The QIIP Percentage Rate shall become effective on January 1 of each year and be applied as an adjustment to Customers' bills for the remainder of the calendar year.

The Company will include in its Annual QIIP Percentage Rate Filing the following information at a minimum: (a) computation of the QIIP Percentage Rate, including the detailed calculation of each component, (b) a budget of the Forecasted QIIP Investment Amount adopted by the Company's Board of Directors, (c) any related Strategic Capital Expenditures Plans, (d) a statement demonstrating how each projected capital investment comprising the Forecasted QIIP Investment Amount meets the requirements for recovery under this Rider set forth in Section 3, and (e) such other information as the Commission may direct.

The Company will simultaneously copy the Consumer Advocate on its Annual QIIP Percentage Rate Filing.

8. Annual Reconciliation Filing with the Commission

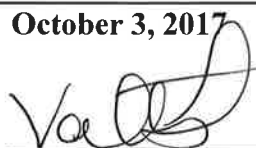
On or before March 1 of each year, the Company shall submit to the Commission a reconciliation of the results of the operation of the QIIP for the previous Annual Review Period. The Annual Reconciliation Filing shall be verified by an officer of the Company. The annual reconciliation shall include a calculation to adjust revenue collected under this QIIP Rider in effect for the prior Annual Review Period to an amount equivalent to the actual level of prudently-incurred QIIP cost for the prior Annual Review Period, with such revenue adjustment applied through the Annual Reconciliation Factor Percentage Rate. The Annual Reconciliation Factor Percentage Rate shall become effective on

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April 1 of each year and be applied as an adjustment to Customers' bills for the remainder of the calendar year.

The Company will include in its Annual Reconciliation Filing the following information at a minimum: (a) a schedule of all journal entries made related to this Rider for the Annual Review Period, including any related general ledger support, (b) actual billing determinants by month as used in the computation of the Total QIIP Collected from Customers for the Annual Review Period, (c) capitalization policy effective for the Annual Review Period, (d) computation of the Annual Reconciliation Factor Percentage Rate, including the detailed calculation of each component, (e) a schedule of any proposed prior period adjustments, (f) an affirmative statement of whether the Company is aware of any changes in market conditions or other factors that may affect whether the Rider is still in the public interest, including the identification of such factors if they exist, (g) the cumulative amount of QIIP collected from customers under this Rider, and (h) such other information as the Commission may direct.

The Company will simultaneously copy the Consumer Advocate on its Annual Reconciliation Filing.

9. Notice Requirements

The Company will file revised tariffs for Commission approval upon 30 days' notice to implement a decrement or an increment each January 1 and April 1. Along with the tariff filing, the Company will include a copy of the computation of the new rate adjustment. The Company will simultaneously copy the Consumer Advocate on this filing.

10. Public Interest Review

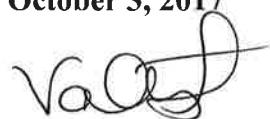
Nothing herein shall be construed to eliminate or otherwise restrict the opportunity of the Consumer Advocate or any other interested party from seeking a review of this Rider, as permitted by law and the rules and regulations of the Commission, for a reconsideration of whether it remains in the public interest.

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CLASSIFICATION OF SERVICE**SAFETY AND ENVIRONMENTAL COMPLIANCE – RIDER****1. Applicability**

In addition to the other charges provided for in this Tariff under Service Classifications Residential, Commercial, Industrial, Other Public Authority, Sales for Resale, and Private Fire, a Safety and Environmental Compliance Program (“SEC”) Rider will apply to customers in all service areas.

The above rider will be recomputed annually and be adjusted periodically to incorporate the Annual Reconciliation Factor.

2. Definitions

For the purposes of this Rider:

“**Actual SEC Investment Amount**” means the amount of actual capital investment and associated operating expenses of the Company for the Safety and Environmental Compliance Program and not otherwise included in current base rates. At the time of the Company’s next general rate case proceeding, all prudently incurred Actual SEC Investment Amounts associated with this Rider shall be included in base rates.

“**Annual Reconciliation Factor**” means an adjustment factor to true-up rates from forecasted costs to the actual costs incurred through application of 1) the Budget-to-Actual Adjustment and 2) the Over-Under Collection Adjustment, and the 3) Earnings Test Adjustment, as adjusted for Interest.

“**Annual Review Period**” means the twelve-month period between the annual adjustments of the SEC Percentage Rate. For the first year beyond the attrition year of the base rate case, this review period may be shorter or longer than a twelve-month period to cover expenditures between the attrition year and the start of the subsequent calendar year.

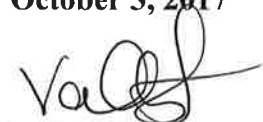
“**Commission**” means the Tennessee Public Utility Commission.

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BY:



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“Budget-to-Actual Adjustment” means the adjustment to SEC for the applicable coming annual period due to the difference between the Forecasted SEC Investment and Expense Amount and the Actual SEC Investment and Expense Amount.

“Consumer Advocate” means the Consumer Advocate and Protection Division of the Office of the Tennessee Attorney General.

“Forecasted SEC Investment Amount” means the amount of forecasted capital investment of the Company for the Safety and Environmental Compliance Program and not otherwise included in current base rates.

(T) **“Over-Under Collection Adjustment”** means the adjustment to SEC for the applicable coming annual period due to the net amount of over or under collections. . This will include
(T) over-under collections from the annual review period EDI and any remaining balance of the
(T) over-under collection from the prior reconciliation of the EDI.

“Relevant Rate Order” means the final order of the Commission in the most recent rate case of the Company fixing the rates of the Company or the most recent final order of the Commission specifically prescribing or fixing the factors and procedures to be used in the application of this Rider.

3. General Description

SEC allows the Company to recover outside of a rate case its qualifying incremental non-revenue producing plant infrastructure investment and expenses. For purposes of this Rider, qualifying SEC investment includes the following:

Distribution and Production Infrastructure – Distribution, production, and other infrastructure that may be identified as being for the purpose of safety and environmental compliance.

Safety and Environmental Expenses – Operational expenses similar to other expenses authorized in previous rate cases that are specifically new expenses for safety and environmental compliance or to support safety and environmental compliance utility plant.

SEC Investment is to be identifiable on the Company’s books and segregated into the following general accounts:

Account 331 – Transmission & Distribution Mains;
Account 333 – Services;
Account 334 – Meters & Meter Installations;

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TENNESSEE-AMERICAN WATER COMPANY**TPUC NO. 19****Second Revised Sheet No. 12-SEC-3**

Account 335 – Hydrants;
 Account 320 – Water Treatment Equipment, Non-Media;
 Account 311 – Pumping Equipment;
 Account 303 – Land and Land Rights;
 Account 304 – Structures and Improvements;
 Account 306 – Lake, River and Other Intakes;
 Account 307 – Wells and Springs;
 Account 309 – Supply Mains;
 Account 310 – Power Generation Equipment
 Account 330 – Distribution Reservoirs and Standpipes; and
 Account 330003 – Capitalized Tank Painting.

4. Determination of the Safety and Environmental Compliance Program Percentage Rate

- (A) The SEC percentage shall be expressed as a percentage carried to two (2) decimal places.
 The SEC percentage shall be applied to the total amount billed to each Customer based on the Company's otherwise applicable rates and charges.
- (B) The SEC percentage shall be calculated on an annual prospective basis as follows:

FORECASTED SEC Investment Amount

Less SEC Plant Retirements (Net of Cost of Removal & Salvage)
 Less Contributions in Aid of Construction
 Less Accumulated Depreciation
Less Accumulated Deferred Income Taxes

Net Forecasted SEC Qualifying Investment

Multiplied by the Pre-Tax ROR set forth in the Relevant Rate Order

Allowed Forecasted SEC Pre-Tax Return

Plus Depreciation Expense
 Plus Property Taxes
 Plus Franchise Taxes
Plus Safety and Environmental Compliance Operational Expenses

Subtotal Forecasted SEC Revenue Requirement Before Revenue Tax

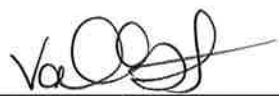
Divided by 1 minus the following:

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Forfeited Discounts Rate
 Plus Uncollectible Expense Rate
Plus Gross Receipts Tax Rate
 Total Forecasted SEC Revenue Requirement

Divided by Relevant Rate Order Volumetric & Metered Revenue

SEC Percentage Rate

Where:

Accumulated Depreciation = Accumulated depreciation calculated by debiting for Forecasted SEC plant removed from service, and crediting for new accumulations using rates approved in the Relevant Rate Order on new investments, less retirements and CIAC.

Accumulated Deferred Income Taxes = An average of the forecasted accumulated deferred income taxes related to qualified forecasted SEC investment at the beginning and end of the year.

Contributions in Aid of Construction = Non-investor supplied funds used in the construction of forecasted SEC infrastructure.

Depreciation Expense = Forecasted cumulative qualified SEC investment net of retirements and CIAC, multiplied by depreciation rates approved in the Relevant Rate Order.

Forfeited Discount Rate = Forecasted SEC Revenue Requirement before gross receipts taxes, uncollectible expense and forfeited discounts multiplied by composite forfeited discount factor approved in the Relevant Rate Order.

Franchise Taxes = Forecasted cumulative qualified SEC investment multiplied by composite franchise tax rate approved in the Relevant Rate Order.

Gross Receipts Tax Rate = Forecasted SEC Revenue Requirement before gross receipts taxes, uncollectible expense and forfeited discounts multiplied by composite gross receipts tax rate approved in the Relevant Rate Order.

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Property Taxes = Forecasted cumulative qualified SEC investment multiplied by composite property tax rate approved in the Relevant Rate Order.

SEC Plant Retirements = Forecasted SEC plant removed from service net of any associated cost of removal and salvage.

Forecasted SEC Investment Amount = Average forecasted SEC additions to plant infrastructure as described in Section 3, computed by use of average of 12 end-of-month balances.

Safety and Environmental Compliance Expenses = the incremental operational expenses similar to other expenses authorized in previous rate cases that are specifically for safety and environmental compliance or to support safety and environmental compliance utility plant.

Uncollectible Expense = Forecasted SEC Revenue Requirement before gross receipts taxes, uncollectible expense and forfeited discounts multiplied by composite uncollectible factor approved in the Relevant Rate Order.

Volumetric & Metered Revenue = the revenues authorized in the Relevant Rate Order for volumetric water sales, meter charges, and private fire service charges.

- (C) The total amount to be recovered through the SEC is the SEC Percentage Rate as adjusted for the Annual Reconciliation Factor Percentage Rate.

5. Determination of the Annual Reconciliation Factor Percentage Rate

- (A) The Annual Reconciliation Factor Percentage shall be expressed as a percentage carried to two (2) decimal places. The Annual Reconciliation Factor Percentage shall be applied to the total amount billed to each Customer based on the Company's otherwise applicable rates and charges.
- (B) The Annual Reconciliation Factor Percentage Rate will be computed as follows:

Budget-to-Actual Adjustment
Plus Over-Under Collection Adjustment

(T) Denotes Change in Text

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BY:



**Valoria V. Armstrong
PRESIDENT**

**109 Wiehl Street
Chattanooga, Tennessee 37403**

Plus Earnings Test Adjustment

Plus Interest

Annual Reconciliation Amount

Divided by 9/12 of the Relevant Rate Order Volumetric & Metered Revenue

Annual Reconciliation Factor Percentage Rate

(C) Computation of the Budget-to-Actual Adjustment.

The Budget-to-Actual Adjustment will be computed as follows:

ACTUAL SEC Investment Amount for the Annual Review Period

Less SEC Plant Retirements (Net of Cost of Removal & Salvage)

Less Contributions in Aid of Construction

Less Accumulated Depreciation

Less Accumulated Deferred Income Taxes

Net Actual SEC Qualifying Investment

Multiplied by the Pre-Tax ROR set forth in the Relevant Rate Order

Allowed Actual SEC Pre-Tax Return

Plus Depreciation Expense

Plus Property Taxes

Plus Franchise Taxes

Plus Safety and Environmental Compliance Operational Expenses

Subtotal Actual SEC Revenue Requirement Before Revenue Tax

Divided by 1 minus the following:

Forfeited Discounts Rate

Plus Uncollectible Expense Rate

Plus Gross Receipts Tax Rate

Total Actual SEC Revenue Requirement

Less Total Forecasted SEC Revenue Requirement

Budget-to-Actual Adjustment

(T) Denotes Change in Text

ISSUED: **October 3, 2017**

EFFECTIVE: **November 2, 2017**

BY:



Valoria V. Armstrong
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Chattanooga, Tennessee 37403

TENNESSEE-AMERICAN WATER COMPANY

TPUC NO. 19

Second Revised Sheet No. 12-SEC-7

Where:

Accumulated Depreciation = Accumulated depreciation calculated by debiting for Forecasted SEC plant removed from service, and crediting for new accumulations using rates approved in the Relevant Rate Order on new investments, less retirements and CIAC

Accumulated Deferred Income Taxes = An average of the actual accumulated deferred income taxes related to actual SEC investment at the beginning and end of the year.

Contributions in Aid of Construction = Non-investor supplied funds used in the construction of actual SEC infrastructure.

Depreciation Expense = Actual cumulative qualified SEC investment net of retirements and CIAC multiplied by depreciation rates approved in the Relevant Rate Order.

Forfeited Discount Rate = Actual SEC Revenue Requirement before gross receipts taxes, uncollectible expense and forfeited discounts multiplied by composite forfeited discount factor approved in the Relevant Rate Order.

Franchise Taxes = Actual cumulative qualified SEC investment multiplied by composite franchise tax rate approved in the Relevant Rate Order.

Gross Receipts Tax Rate = Actual SEC Revenue Requirement before gross receipts taxes, uncollectible expense and forfeited discounts multiplied by composite gross receipts tax rate approved in the Relevant Rate Order.

Property Taxes = Actual cumulative qualified SEC investment multiplied by composite property tax rate approved in the Relevant Rate Order.

SEC Plant Retirements = Actual SEC plant removed from service net of any associated cost of removal and salvage.

Actual SEC Investment Amount = Average actual SEC additions to plant infrastructure as described in Section 3, computed by use of average of 12 end-of-month balances.

(T) Denotes Change in Text

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Chattanooga, Tennessee 37403

Safety and Environmental Compliance Expenses = the incremental operational expenses similar to other expenses authorized in previous rate cases that are specifically for safety and environmental compliance or to support safety and environmental compliance utility plant.

Uncollectible Expense = Actual SEC Revenue Requirement before gross receipts taxes, uncollectible expense and forfeited discounts multiplied by composite uncollectible factor approved in the Relevant Rate Order.

Volumetric & Metered Revenue = the revenues authorized in the Relevant Rate Order for volumetric water sales, meter charges, and private fire service charges.

(D) Computation of the Over-Under Collection Adjustment.

(T) The Company will identify and record the total amount of the SEC Collected from Customers for the Annual Review Period. The difference between the Total SEC Collected from Customers and the Total Budgeted SEC Revenue Requirement shall constitute the Over-Under Collection Adjustment. This adjustment shall include any remaining Over-Under
(T) amount from the prior period reconciliation during the Annual Review Period in addition to
(T) the Over-Under collection amount for the EDI during the Annual Review Period.

(E) Computation of the Earnings Test Adjustment.

If the earnings attained by the Company for the Annual Review Period exceed the earnings allowed for the Annual Review Period by applying the overall rate of return authorized in the Relevant Rate Order, then any such earnings difference shall constitute the Earnings Test Adjustment. If the earnings attained by the Company for the Annual Review Period are less than the earnings allowed for the Annual Review Period by applying the overall rate of return authorized in the Relevant Rate Order, then no Earnings Test Adjustment shall be recognized.

Any Earnings Test Adjustment shall be allocated among the Qualified Infrastructure Improvement Program Rider, the Economic Development Investment Rider, and the Safety and Environmental Compliance Rider based on the pro-rata revenues collected under these riders for the Annual Review Period for purposes of computing new rate adjustments.

(F) Computation of Interest.

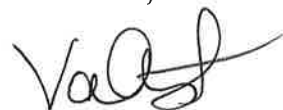
Interest will be computed as follows:

(T) Denotes Change in Text

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BY:



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Budget-to-Actual Adjustment
Plus Over-Under Collection Adjustment
Plus Earnings Test Adjustment

Total Amount Subject to Interest
Interest Rate Multiplied by 50%

Total Interest

Where "Interest Rate" equals the prime rate value published in the "Federal Reserve Bulletin" or in the Federal Reserve's "Selected Interest Rates" for the most recent preceding month.

6. New Base Rates

The SEC rider will be reset at zero upon the establishment of new base rates to customer billings that provide for the prospective recovery of the annual costs that had theretofore been recovered under the SEC. Thereafter, only the costs of new SEC eligible plant additions that have not previously been reflected in the Company's rate base, would be reflected in new annual prospective SEC filings.

7. Annual SEC Percentage Rate Filing

On or before December 1 of each year, the Company shall submit to the Commission a calculation of the SEC Percentage Rate for the following calendar year. The Annual SEC Percentage Rate Filing shall be verified by an officer of the Company. The Annual SEC Percentage Rate Filing shall include a calculation to adjust revenue to recover costs related to the Forecasted SEC Investment Amount, with such revenue adjustment applied through the SEC Percentage Rate. The SEC Percentage Rate shall become effective on January 1 of each year and be applied as an adjustment to Customers' bills for the remainder of the calendar year.

The Company will include in its Annual SEC Percentage Rate Filing the following information at a minimum: (a) computation of the SEC Percentage Rate, including the detailed calculation of each component, (b) a budget of the Forecasted SEC Investment Amount and Forecasted Safety and Environmental Compliance Operational Expenses adopted by the Company's Board of Directors, (c) any related Strategic Capital Expenditures Plans, (d) statements demonstrating how each projected capital investment comprising the Forecasted SEC Investment Amount and each projected operational expense comprising the Forecasted Safety and Environmental Compliance Operational Expenses meet the requirements for recovery under this Rider set forth in Section 3, and (e) such other information as the Commission may direct.

(T) Denotes Change in Text

ISSUED: October 3, 2017

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BY:



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PRESIDENT

109 Wiehl Street
Chattanooga, Tennessee 37403

The Company will simultaneously copy the Consumer Advocate on its Annual SEC Percentage Rate Filing.

8. Annual Reconciliation Filing with the Commission

On or before March 1 of each year, the Company shall submit to the Commission a reconciliation of the results of the operation of the SEC for the previous Annual Review Period. The Annual Reconciliation Filing shall be verified by an officer of the Company. The annual reconciliation shall include a calculation to adjust revenue collected under this SEC Rider in effect for the prior Annual Review Period to an amount equivalent to the actual level of prudently-incurred SEC cost for the prior Annual Review Period, with such revenue adjustment applied through the Annual Reconciliation Factor Percentage Rate. The Annual Reconciliation Factor Percentage Rate shall become effective on April 1 of each year and be applied as an adjustment to Customers' bills for the remainder of the calendar year.

The Company will include in its Annual Reconciliation Filing the following information at a minimum: (a) a schedule of all journal entries made related to this Rider for the Annual Review Period, including any related general ledger support, (b) actual billing determinants by month as used in the computation of the Total SEC Collected from Customers for the Annual Review Period, (c) capitalization policy effective for the Annual Review Period, (d) computation of the Annual Reconciliation Factor Percentage Rate, including the detailed calculation of each component, (e) schedules of the Actual SEC Investment Amount and Actual Safety and Environmental Compliance Operational Expenses, including related general ledger support, (f) a schedule of any proposed prior period adjustments, (g) an affirmative statement of whether the Company is aware of any changes in market conditions or other factors that may affect whether the Rider is still in the public interest, including the identification of such factors if they exist, (h) the cumulative amount of SEC collected from customers under this Rider, and (i) such other information as the Commission may direct.

The Company will simultaneously copy the Consumer Advocate on its Annual Reconciliation Filing.

9. Notice Requirements

The Company will file revised tariffs for Commission approval upon 30 days' notice to implement a decrement or an increment each January 1 and April 1. Along with the tariff filing, the Company will include a copy of the computation of the new rate adjustment. The Company will simultaneously copy the Consumer Advocate on this filing.

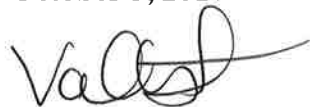
10. Public Interest Review

(T) Denotes Change in Text

ISSUED: October 3, 2017

EFFECTIVE: November 2, 2017

BY:



Valoria V. Armstrong
PRESIDENT

109 Wiehl Street
Chattanooga, Tennessee 37403

TENNESSEE-AMERICAN WATER COMPANY

Page 31 of 31
TPUC NO. 19

Second Revised Sheet No. 12-SEC-11

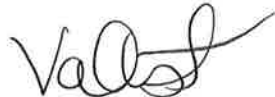
Nothing herein shall be construed to eliminate or otherwise restrict the opportunity of the Consumer Advocate or any other interested party from seeking a review of this Rider, as permitted by law and the rules and regulations of the Commission, for a reconsideration of whether it remains in the public interest.

(T) Denotes Change in Text

ISSUED: **October 3, 2017**

EFFECTIVE: **November 2, 2017**

BY:



Valoria V. Armstrong
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109 Wiehl Street
Chattanooga, Tennessee 37403

TENNESSEE-AMERICAN WATER COMPANY

TPUC NO. 19

Ninth Revised Sheet No. 12-Riders-1

CLASSIFICATION OF SERVICE**SUMMARY OF RIDERS****1. Applicability**

In addition to the other charges provided for in this Tariff under Service Classifications Residential, Commercial, Industrial, Other Public Authority, Sales for Resale, and Private Fire, a Qualified Infrastructure Improvement Program ("QIIP") Rider, an Economic Development Investment Program Rider ("EDI"), a Safety and Environmental Compliance Program Rider (SEC"), and Production Costs and Other Pass-Throughs Rider ("PCOP") will apply to customers in all service areas.

2. The Percentage of Riders and Reconciliations

For the Riders defined in the tariffs:

QIIP	7.52 %	
EDI	0.34 %	
<u>SEC</u>	<u>6.09 %</u>	
Subtotal of all Capital Recovery Riders	13.95 %	
QIIP Annual Reconciliation Percentage	1.763 %	(I)
EDI Annual Reconciliation Percentage	-0.031 %	(D)
<u>SEC Annual Reconciliation Percentage</u>	<u>-0.826 %</u>	(D)
Subtotal of all Reconciliation Percentages	0.906 %	(I)
Total of Capital Recovery Riders and Reconciliation Percentages	14.856%	
PCOP	-0.89 %	

(D) Indicates Decrease

(I) Indicates Increase

ISSUED: September 12, 2017

EFFECTIVE: August 16, 2017

BY:

Valoria Armstrong
PRESIDENT

109 Wiehl Street
Chattanooga, Tennessee 37403

CLASSIFICATION OF SERVICE**SUMMARY OF RIDERS****1. Applicability**

In addition to the other charges provided for in this Tariff under Service Classifications Residential, Commercial, Industrial, Other Public Authority, Sales for Resale, and Private Fire, a Qualified Infrastructure Improvement Program ("QIIP") Rider, an Economic Development Investment Program Rider ("EDI"), a Safety and Environmental Compliance Program Rider (SEC"), and Production Costs and Other Pass-Throughs Rider ("PCOP") will apply to customers in all service areas.

2. The Percentage of Riders and Reconciliations

For the Riders defined in the tariffs:

QIIP	10.77 %	(I)
EDI	0.45 %	(I)
<u>SEC</u>	<u>6.56 %</u>	(I)
Subtotal of all Capital Recovery Riders	17.78 %	
QIIP Annual Reconciliation Percentage	0.000 %	(D)
EDI Annual Reconciliation Percentage	0.000 %	(I)
<u>SEC Annual Reconciliation Percentage</u>	<u>0.000 %</u>	(I)
Subtotal of all Reconciliation Percentages	0.000 %	(D)
Total of Capital Recovery Riders and Reconciliation Percentages	17.7800%	
PCOP	-0.89 %	

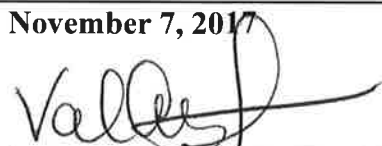
(D) Indicates Decrease

(I) Indicates Increase

ISSUED: November 7, 2017

EFFECTIVE: January 1, 2018

BY:



Valoria Armstrong
PRESIDENT

109 Wiehl Street
Chattanooga, Tennessee 37403

PETITIONER'S EXHIBIT BEO-1

TENNESSEE-AMERICAN WATER COMPANY, INC

DOCKET NO. 17-_____

DIRECT TESTIMONY

OF

BRENT E. O'NEILL, P.E.

ON

**CHANGES TO THE QUALIFIED INFRASTRUCTURE IMPROVEMENT PROGRAM
RIDER, ECONOMIC DEVELOPMENT INVESTMENT RIDER AND SAFETY AND
ENVIRONMENTAL COMPLIANCE RIDER**

SPONSORING PETITIONER'S EXHIBITS

PETITIONER'S EXHIBIT 2018 SCEP – BEO

1 **Q. PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.**

2 A. My name is Brent E. O'Neill and my business address is 2300 Richmond Road, Lexington,
3 Kentucky 40502.

4 **Q. BY WHOM ARE YOU EMPLOYED AND IN WHAT CAPACITY?**

5 A. I am employed by the American Water Works Service Company ("Service Company") as
6 Director of Engineering for Tennessee American Water Company ("TAWC" or
7 "Company") and Kentucky American Water Company ("KAWC").

8 **Q. HAVE YOU PREVIOUSLY FILED TESTIMONY BEFORE THIS OR ANY**
9 **OTHER COMMISSION?**

10 A. Yes. I have previously provided written and oral testimony before the Tennessee Public
11 Utility Commission ("TPUC" or "Commission") in the past. I have also provided written
12 testimony before the Kentucky Public Service Commission.

13 **Q. PLEASE STATE YOUR EDUCATIONAL AND PROFESSIONAL**
14 **BACKGROUND.**

15 A. I received a B.S. degree in Civil Engineering from the University of Illinois in Urbana,
16 Illinois in 1991. I completed a Masters of Business Administration from Eastern Illinois
17 University in Charleston, Illinois in 2002. I am a registered Professional Engineer in the
18 State of Tennessee, Commonwealth of Kentucky, State of Illinois and State of Iowa.

19 I have been employed by American Water ("AW") or one of its subsidiaries since 1996. I
20 began as a Staff Engineer for Northern Illinois Water Company ("NIWC"), which was a
21 subsidiary of National Enterprise, Inc. until it was acquired by AW in 1999. After this
22 acquisition, I was promoted to Engineering Manager for Illinois American Water Company
23 ("ILAWC"). In July 2004, I accepted the position of Network Operations Manager for the

1 Champaign County District of ILAWC. In June 2005, I accepted the position of Senior
2 Asset Manager with AWW and worked in Reading, England in a joint project with Thames
3 Water. In 2006, I became the ILAWC Project Manager for the construction of a new 15
4 MGD ground water softening treatment plant, wells, and transmission main in Champaign,
5 Illinois. In March 2008, I became the Engineering Manager Capital Delivery with ILAWC
6 with responsibilities for the delivery of capital projects for the Central and Southern
7 portions of Illinois. In April 2013, I accepted my current position as Director of
8 Engineering for Tennessee American Water Company and Kentucky American Water
9 Company with the Service Company. I am an active member of the American Water
10 Works Association (AWWA) and American Society of Civil Engineers (ASCE).

11 **Q. WHAT ARE YOUR DUTIES AS DIRECTOR OF ENGINEERING?**

12 A. I am responsible for the coordination of the Engineering Departments for both TAWC and
13 KAWC, which includes the planning, development, and implementation of all aspects of
14 construction projects. This includes working with all new main extensions and developers,
15 replacement of mains, water treatment plant upgrades, new construction and network
16 facilities improvements. I coordinate technical assistance to all other Company
17 departments as needed and oversee the capital budget development and implementation. I
18 report to the Presidents of TAWC and KAWC. I am located in Kentucky, but work closely
19 with the TAWC staff in Tennessee.

1 **Q. WHAT TOPICS WILL YOUR TESTIMONY ADDRESS?**

2 A. I will present the planned investment for the Qualified Infrastructure Investment Program
3 Rider (“QIIP”), the Economic Development Investment (“EDI”) Rider and the Safety and
4 Environmental Compliance (“SEC”) Rider for 2018.

5 **Q. PLEASE DESCRIBE TAWC CAPITAL INVESTMENT PLAN FOR THE**
6 **FORECAST PERIOD?**

7 A. The Company’s capital investment plan can be divided into two distinct areas: 1)
8 Recurring Projects (RP) and 2) Major Projects identified as investment projects (IP).
9 Typically, Major Projects are those having a Company investment of \$250,000 or greater.
10 A copy of the 2018 Strategic Capital Expenditures Plan is attached to my testimony as
11 **Petitioner’s Exhibit 2018 SCEP – BEO.**

12 **Q. HOW IS THE CAPITAL INVESTMENT PLAN DEVELOPED?**

13 A. Specific capital planning needs are addressed in both the short term (one year) and longer
14 term (five years). Projects are prioritized using objective criteria that validate the need for
15 a project and assess the risk of not doing the project. A key component of this planning
16 technique is that it is flexible and can be adjusted as needed to address new needs, such as
17 unplanned equipment failures, large or sudden growth of a service area, or new regulatory
18 requirements. TAWC’s Engineering Department develops a proposed capital budget with
19 input by Operations Supervisors and Project Managers and then shares the plan with
20 TAWC President and the TAWC Director of Operations for their review and approval.
21 The proposed capital budget is also shared with the Service Company for review of the
22 reasonableness of the projects proposed and their forecasted costs. Although the Service
23 Company may make suggestions with respect to that budget, TAWC ultimately determines

1 the Capital Investment Plan and approves the plan. This process is the basis for the capital
2 expenditures reflected in the Company's Investment Plan.

3 **Q. PLEASE DESCRIBE THE RECURRING PROJECTS THAT ARE INCLUDED**
4 **WITHIN THE COMPANY'S CAPITAL INVESTMENT PLAN AS IT RELATES**
5 **TO THE QIIP, EDI AND SEC PROGRAMS?**

6 A. The Recurring Projects that are included within the Company's Capital Plan that are related
7 to the riders includes smaller main projects for reinforcement and replacement,
8 replacement of hydrants and valves, service line and meter setting replacements, security
9 improvements, plant control improvements, projects to replace and maintain treatment, and
10 new mains to assist with economic development.

11 **Q. PLEASE DESCRIBE THE FACTORS USED IN THE PREPARATION OF THE**
12 **FORCAST PERIOD AS IT RELATES TO THE RECURRING PROJECTS THAT**
13 **ARE INCLUDED WITHIN THE COMPANY'S CAPITAL INVESTMENT PLAN?**

14 A. TAWC uses engineering criteria based on accepted engineering standards and practices to
15 determine the amount of work needed on the distribution system or the treatment facilities
16 that provide adequate capacity and appropriate levels of reliability. The identified work
17 will enable TAWC to provide safe, adequate and reliable service to its Customers to meet
18 their domestic, commercial and industrial needs; provide flows adequate for fire protection;
19 and satisfy all regulatory and safety requirements. The criteria for evaluating the need for
20 the recurring projects are engineering requirements; consideration of national, state and
21 local trends; environmental impact evaluations; and water resource management. The
22 criteria are developed from regulations, professional standards and TAWC engineering
23 policies and procedures.

1 Main replacement projects or new main installations are designed to meet two conditions
2 of service. They are expected to deliver projected peak hour Customer demands while
3 maintaining system pressures at 25 psi or greater in accordance with the Tennessee Public
4 Utility Commission ("TPUC") pressure requirements (Chapter 1220-4-3.41) and to
5 provide adequate fire flow identified by the Insurance Services Office (ISO) while
6 maintaining distribution system pressure at 20 psi or greater.

7 TAWC utilizes historical and forecasted data to develop the program cost based on the
8 determined level of work for each RP line.

9 **Q. PLEASE DESCRIBE HOW INVESTMENT PROJECTS ARE INCLUDED**
10 **WITHIN THE COMPANY'S CAPITAL INVESTMENT PLAN?**

11 A. Investment Projects (IP) are typically projects greater than \$250,000 that the Company
12 describes as Major Projects. These projects represent investments that are needed to meet
13 environmental or water quality regulations, infrastructure capacity expansion or
14 rehabilitation and to ensure a safe working environment. These projects allow the
15 Company to ensure that they are able to meet the service demands of the community, ensure
16 regulatory compliance and ensure the reduction of asset failure.

17 This determination of including an IP within the investment plan starts with a process that
18 begins with the development of the anticipated demand projections of the system, the
19 identification of improvements needed to meet those demands and a review of the current
20 facilities located in the system. This process is documented through the Comprehensive
21 Planning Study (CPS) and is the basis for the development of IPs. TAWC utilizes this
22 study along with a review of changes in the needs of the system that may have occurred
23 since the development of the CPS and develops the schedule of projects within the Capital

Investment Plan. TAWC plans these to bring about the correct prioritization and distribution of capital spending for the various needs of the business.

Q. PLEASE DESCRIBE THE COMPANY’S RECENT PERFORMANCE FOR ITS CAPITAL INVESTMENT PLAN DURING THE USE OF QIIP, EDI AND SEC PROGRAMS?

A. Tennessee American is projecting to deliver its capital investment plan with the QIIP, EDI and SEC programs during the period of 2014 to 2017 by slightly exceeding the budget by 3.80% on a cumulative basis over the period. Capital investment budgets, actual capital investment deliveries, and variances to budgets by year are shown in the table below.

TAWC Net Rider Budget vs Actual Rider Capex for 2014 through 2016				
Year	Budget	Actual	Variance	
2014	\$18,337,559	\$18,205,874	(\$131,685)	-0.72%
2015	\$17,539,272	\$19,160,770	\$1,621,498	9.24%
2016	\$12,429,427	\$12,940,387	\$510,960	4.11%
2017*	\$12,033,965	\$12,323,574	\$289,609	2.41%
Cumulative	\$60,340,223	\$62,630,605	\$2,290,382	3.80%

*Current Year End Projection as of September 2017

TAWC strives to minimize deviation in the capital investment plan for the QIIP, EDI and SEC programs through an active review of actual spend compared to budget spend for the riders. Through this management, TAWC ensures that the projects delivered follows closely budgeted capital investment plan for the riders.

1 **Q. DOES THE ABOVE TABLE DIFFER FROM A SIMILAR TABLE SUBMITTED**
2 **IN PREVIOUS CRRs FILINGS?**

3 A. Yes, in previous filings, TAWC had indicated the Net Capital Investment Budget vs.
4 Actual Capex that included the total capital investment spending for the three riders and
5 spending that was not part of the riders. TAWC believed that a comparison of just the
6 capital investment of the riders was a better representation of the management of the rider
7 capital investment spending and would be a better comparison for past performance of the
8 riders.

9 **Q. DID THIS CHANGE IN THE TABLE AFFECT THE PREVIOUSLY REPORTED**
10 **SPENDING AMOUNTS AND VARIANCES?**

11 A. Yes. Since the table included in this testimony only includes the capital investment in the
12 riders, the budget amounts indicated for 2015 and 2016 decreased as compared to the
13 previous submissions of the table. In addition, the actual spending for 2015 was adjusted
14 to show only the capital investments made as part of the riders. As a result, the variances
15 reported were affected, as the budget amounts and spending amounts were changed. The
16 increase in the 2015 variance of the previously reported 7.19% to the current table variance
17 of 9.24% was largely due to the previously indicated additional spending for the CITICO
18 Wastewater Treatment and Handling Improvements due to delays in construction during
19 2014 that resulted in \$2,023,166 of additional spend in 2015 that was originally budgeted
20 in 2014. TAWC had offset some of this additional spend by reducing the amount of capital
21 spend on non-rider projects to manage the overall spending of the company for 2015 and
22 was reflected in the previously provided table that looked at the Net Capital Investment for
23 the entire year for riders and non-riders project.

1 **Q. CAN YOU DESCRIBE HOW THE CAPITAL INVESTMENT PLAN IS**
2 **MONITORED DURING THE YEAR?**

3 A. Since 2003, the entire American Water system has used a process for the development and
4 review of capital expenditures that has incorporated industry best practices. TAWC, like
5 its sister companies, has benefitted from that process. The process includes a regional
6 Capital Investment Management Committee (“CIMC”) to ensure capital investment plans
7 meet the strategic intent of the business. In turn, this ensures that capital investment plans
8 are integrated with operating expense plans, and provides more effective controls on
9 budgets and individual capital projects.

10 The CIMC includes the TAWC President, TAWC Operations Manager, TAWC
11 Engineering Project Managers, TAWC Engineering Manager, TAWC Financial Analyst,
12 and TAWC Operations Specialist. The CIMC meets monthly. The CIMC receives capital
13 expenditure plans from project managers and approves them as required by the process.
14 Once budgets are approved, the CIMC meets monthly to review capital expenditures
15 compared to budgeted levels. Discussions are held on variances to budgets that include
16 the reason for the variance and suggestions to bring the budget lines back in line with the
17 approved budget.

18 If changes in the budgets are required due to changes in priorities or unexpected
19 expenditures, then the CIMC reviews the request for changes and approves the movement
20 of available capital from other budget lines to offset the changes in the capital spend. All
21 projects, including normal recurring items, have an identified project manager responsible
22 for processing the stages of the project. The focus of the CIMC, along with the monthly

1 meetings, has allowed TAWC to be more flexible with changes that inevitably occur during
2 the course of implementation of projects while providing oversight on capital expenditures.

3
4 **QUALIFIED INFRASTRUCTURE INVESTMENT PROGRAM**

5 **Q. WHAT IS THE QUALIFIED INFRASTRUCTURE INVESTMENT PROGRAM?**

6 A. A substantial portion of the Tennessee American Water's distribution infrastructure is
7 between 50 and 100 years old and is nearing the end of its useful service life. The pace
8 of infrastructure replacement is a continuing concern for TAWC. The anticipated level of
9 distribution infrastructure improvement projects is increasing at a rapid pace, in part due
10 to the advanced age of the Company's water facilities. A Qualified Infrastructure
11 Investment Program (QIIP) more accurately reflects the ongoing investments and
12 improvements that are made in the water distribution and production systems versus the
13 less frequent but larger step increases that would result from base rate increase without
14 QIIP. The timely recovery of the fixed costs of infrastructure replacement through the
15 QIIP provides an incentive for increased and continued levels of capital infusion. This
16 results in a stronger and more reliable water distribution and production system for both
17 current and future Customers. The Company is focusing its replacement program on
18 small diameter mains and mains that have shown a chronic level of breaks. These types
19 of mains are responsible for the majority of the distribution system leaks and failures.
20 The need to replace service lines, meters, hydrants, treatment structures, pumps and
21 equipment is critical to maintaining public safety and imperative to maintaining a reliable
22 system.

1 **Q. WHAT ARE THE BUDGET LINES THAT ARE INCLUDED UNDER THE**
2 **QUALIFIED INFRASTRUCTURE INVESTMENT PROGRAM FOR 2016?**

3 A. The budget lines that will be included in the QIIP will be Line B - Mains Replaced, Line
4 C - Mains Unscheduled, Line D - Mains Relocated, Line F - Hydrants and Valves
5 Replaced, Line H - Services Replaced, Line J - Meters Replaced, and Line R - Capitalized
6 Tank Rehabilitation/ Painting. These budget lines represent investment to replace aging
7 infrastructure that is non-revenue producing. This means infrastructure that does not
8 produce additional revenue (no new customers). Examples of infrastructure that would
9 produce additional revenue are main extensions for new development and new services or
10 new meters for new customers. In addition, TAWC has a large capital investment project
11 that is a result of ensuring system reliability that will come into service during 2018. I
12 will address this later in my testimony.

13 **Q. WHAT WORK IS ASSOCIATED WITH MAINS REPLACED - LINE B AND WHY**
14 **DOES IT FALL UNDER THE QIIP?**

15 A. This investment plan line includes the scheduled replacement, renewal or improvement of
16 existing water mains, including valves and other appurtenances that are necessary to
17 perform the work. Work under this line is the planned and scheduled proactive replacement
18 of water main that has been determined to reach its useful life or is causing service
19 problems to the adjacent area serviced by the main. Water main replaced under Main
20 Replaced – Line B will result in a stronger and more reliable water distribution system. By
21 replacing the aged water main infrastructure on an accelerated basis and on a proactive
22 rather than reactive basis, the distribution system will provide direct Customer benefits in
23 the form of improved and sustained water quality, improved fire protection, fewer service

1 disruptions and lower operating and maintenance costs over time. The company believes
2 that this type of replacement work is appropriate and should be included in the QIIP.

3 **Q. WHAT IS THE PROPOSED REPLACEMENT SCHEDULE FOR WATER MAIN**
4 **REPLACEMENTS ASSOCIATED WITH LINE B?**

5 A. TAWC plans to spend approximately \$1,725,000 to replace various size water mains
6 within fourteen (14) projects during 2018. TAWC will replace approximately 15,950 feet
7 of main during the period. These projects are not only important in addressing the aging
8 infrastructure needs of the community, but also allow the Company to take a leadership
9 role in reducing its carbon footprint. By replacing infrastructure that is leaking or has a
10 high potential for failure, we are able to reduce the amount of water that is produced and
11 reduce the amount of electricity that we use. The overall result is a reduction in the amount
12 of fossil fuel generation required for our facilities.

13 **Q. WHAT ARE THE PROPOSED PROJECTS THAT ARE INCLUDED IN THE**
14 **WATER MAIN REPLACEMENTS ASSOCIATED WITH LINE B?**

15 A. TAWC currently has included the following projects as part of the scheduled work
16 associated with Line B:

- 17 1) Install 1,000 lf of 6-inch ductile iron main along the 1500 Block of Carroll Lane to
18 replace 2-inch cast iron main.
- 19 2) Install 1,000 lf of 6-inch ductile iron main along the 2400 to 2600 Blocks of Frost Street
20 to replace 2-inch galvanized main.
- 21 3) Install 1,000 lf of 8-inch ductile iron main along the 2700 and 2800 Blocks of Addison
22 Road to replace 2-inch cast iron main.
- 23 4) Install 850 lf of 6-inch ductile iron main along the 1900 and 2000 Blocks of Bennett
24 Avenue to replace 2-inch galvanized main.
- 25 5) Install 2,600 lf of 8-inch and 6-inch ductile iron main along the 500 to 1200 Blocks of
26 Flynn Street to replace 2-inch galvanized main.
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- 6) Install 1,300 lf of 4-inch ductile iron main along the 2900 Block of Westside Drive to replace 2-inch galvanized main.
- 7) Install 1,000 lf of 4-inch ductile iron main along the 100 Block of Drew Road to replace 2-inch galvanized main.
- 8) Install 300 lf of 4-inch ductile iron main along the 300 Block of Carnation Street to replace 2-inch galvanized main.
- 9) Install 800 lf of 4-inch ductile iron main along the 2800 Block of Hamby Circle to replace 2-inch galvanized main.
- 10) Install 500 lf of 8-inch ductile iron main along the 4500 Block of Highland Avenue to replace 2-inch galvanized main.
- 11) Install 1,000 lf of 8-inch ductile iron main along the 3700 to 3900 Blocks of 10th Avenue to replace 2-inch galvanized main.
- 12) Install 600 lf of 6-inch ductile iron main along the 2600 Block of East 18th Street to replace 2-inch cast iron main.
- 13) Install 2,500 lf of 8-inch ductile iron main along the 0 to 20 Blocks of Paulmar Drive to replace 2-inch galvanized main.
- 14) Install 1,500 lf of 6-inch ductile iron main along the 90 Block of West 51th Street to replace 2-inch cast iron main.

Q. WHY IS THE MAJORITY OF THE MAIN BEING REPLACED CAST IRON AND GALVANIZED?

A. Within the TAWC distribution system, cast iron main and galvanized main represents approximately 50.6% of the total footage of main in the system. However, these two types of pipe material have experienced approximately 89.3% of all the breaks within the system during the period of January 2010 to September 2017. Over the past several years, TAWC has concentrated on replacing cast iron and galvanized main to begin the process of removing the main to start to reduce the number of main breaks the system experiences. TAWC expects this effort of replacing cast iron and galvanized main will continue for

1 several decades as the approximately 700 miles of this material is removed from the
2 system.

3 **Q. HOW DOES THE PROPOSED 2018 SPEND COMPARE TO RECENT YEARS**
4 **SPEND ASSOCIATED WITH LINE B?**

5 **A.** TAWC anticipates spending more on main replacements during 2018 than it has over the
6 past recent years. The proposed 2018 expenditures for Line B is about \$400,000 more than
7 the five-year average between 2012 and 2016 of \$1,372,813. This increase is due to the
8 ability of TAWC to refocus on replacing water main that is nearing its useful life following
9 several major rehabilitation projects at the Citico Water Treatment Plant. Over the past
10 several years, TAWC has managed its capital plan to account for the major projects to
11 ensure that the impact on the Customer was minimal.

12 **Q. DOES THE COMPANY EXPECT THAT ALL OF THE PROJECTS LISTED**
13 **ABOVE WILL BE COMPLETED DURING 2018?**

14 **A.** TAWC believes that the projects listed above will be completed during 2018. However,
15 based on history, TAWC understands that some projects may be delayed or moved into
16 next year due to unexpected situations.

17 **Q. WHY ARE CERTAIN MAIN REPLACEMENT PROJECTS DELAYED AND**
18 **PLACED IN THE NEXT YEAR?**

19 **A.** During the year, unexpected changes in priorities occur due to outside influences or
20 recognition of unfavorable trends that are occurring that affects the infrastructure. The
21 majority of the changes are caused by unexpected conflicts between the Company's
22 infrastructure and outside agency projects that require the water main in the area to be
23 relocated. The other significant driver for changes in priorities involves the recognition of

1 a trend for increasing main breaks on a section of water main that requires the main to be
2 replaced sooner than expected. In both of these cases, a new project is initiated to address
3 the need to relocate or replace the water main. Since these projects were not identified
4 during the original budgeting process, the need to offset the new projects' expected cost is
5 required to ensure that the overall Company budget is maintained. As a result, projects
6 that were originally identified within the budget are changed or delayed to make room for
7 the new projects.

8 **Q. WHAT IS THE PROCESS FOR APPROVING THESE CHANGES?**

9 A. Throughout the year, TAWC actively manages each budget line to ensure that the overall
10 spending is consistent with the approved budget levels. The management of the budget
11 lines is carried out during monthly Capital Investment Management Committee meetings
12 that compare the current capital expenditures to the budgeted levels. If changes in the
13 budgets are required due to changes in priorities or unexpected changes in projects, the
14 committee reviews the need for the changes and approves the movement of available
15 capital from other budget lines to offset the changes in capital spend and maintain the
16 overall projected spend for the year.

17 **Q. WHAT WORK IS ASSOCIATED WITH UNSCHEDULED MAIN**
18 **REPLACEMENTS - LINE C AND WHY DOES IT FALL UNDER THE QIIP?**

19 A. This investment plan item includes the unscheduled replacement or restoration of existing
20 water mains, including valves and other appurtenances that are necessary to perform the
21 work. The work associated with the Unscheduled Main Replacements of Line C is similar
22 to that of Main Replaced of Line B and addresses water mains that have started to
23 experience chronic issues. However, unlike the Main Replaced of Line B, the work

1 associated in Line C is a result of an unexpected failure of the main or valve that causes
2 impact to the Customer and requires immediate work to correct the failure. By the nature
3 of the work being a reaction to an unexpected event, the work associated in Line C cannot
4 be planned and scheduled, thus TAWC considers this work as unscheduled. The majority
5 of work associated with Line C is water mains that have experienced an unscheduled break
6 or failure and the Company has determined that the replacement of a section of the main
7 will allow the service life of the main to be extended rather than just repairing the failure
8 with a temporary clamp and replacing the main through Line B. The Company believes
9 that this type of replacement work is appropriate and should be included in the QIIP.

10 **Q. WHAT IS THE PROPOSED REPLACEMENT RATE FOR WATER MAIN**
11 **REPLACEMENTS ASSOCIATED WITH THE UNSCHEDULED MAIN**
12 **REPLACEMENTS OF LINE C?**

13 A. TAWC plans to spend approximately \$1,029,000 to replace various size water mains
14 during unscheduled events. This is similar to the five-year average spend during 2012 to
15 2016 of \$1,056,199. As we replace sections of main, the existing main will be more stable
16 and the life of the main will be extended, which will allow for a more concentrated effort
17 for main replacements on mains that have a larger history of breaks.

18 **Q. WHAT BENEFIT HAS TAWC SEEN WITH THE WATER MAIN**
19 **REPLACEMENTS ASSOCIATED WITH UNSCHEDULED MAIN**
20 **REPLACEMENTS OF LINE C AND MAIN REPLACEMENTS OF LINE B?**

21 A. TAWC is projecting a nearly 26% reduction in water main breaks during 2017 based on
22 breaks through September 2017 when compared to the ten-year average from 2007 to 2016.
23 TAWC contributes this reduction, in part, due to the focus on replacing main with a chronic

1 history of main breaks rather than the previous initiative of repairing mains. TAWC further
2 believes that the reduction in the average number of main breaks between 2013 and 2015
3 of 305 per year compared to the average number of breaks of 480 per year between 2004
4 and 2012 is a directly correlated to the level of spending in the Unscheduled Main
5 Replacement of Line C.

6 **Q. WHY SHOULD THE FUNDING LEVEL OF UNSCHEDULED MAIN**
7 **REPLACEMENTS OF LINE C BE MAINTAINED AT THE FIVE YEAR**
8 **AVERAGE SPEND OF 2012 TO 2016?**

9 A. TAWC has seen a modest reduction of the number of main breaks in the system during the
10 past several years as compared to the previous nine-year period. TAWC has utilized the
11 Unscheduled Main Replacements of Line C to replace sections of mains with chronic main
12 breaks to extend the useful life of these mains instead of just making repeated repairs on
13 the same main. TAWC believes that the level of funding it has maintained over the past
14 three years for the Unscheduled Main Replacements of Line C is sufficient to allow the
15 Company to address chronic mains and allows the Company to extend the life of these
16 mains.

17 **Q. WHAT WORK IS ASSOCIATED WITH MAINS RELOCATED - LINE D AND**
18 **WHY DOES IT FALL UNDER THE QIIP?**

19 A. This budget line includes the relocation of existing water mains, including valves and other
20 appurtenances, which are necessary due to ongoing municipal or state agency projects.
21 These costs are not reimbursable. The work associated with the Main Relocated –Line D
22 is a replacement of infrastructure that is impacted by improvements being proposed by
23 municipal or state agency that causes a conflict with the Company’s infrastructure. The

1 Customer benefits by work associated with the Main Relocated – Line D since the
2 replacement main that is installed to eliminate the conflict with the municipal or state
3 agency projects is typically a newer main that is stronger and more reliable than the main
4 being replaced. TAWC believes this type of relocation work is appropriate and should be
5 included in QIIP.

6 **Q. WHAT MAINS HAVE BEEN IDENTIFIED FOR RELOCATION THAT IS**
7 **ASSOCIATED WITH LINE D?**

8 A. TAWC plans to spend approximately \$110,000 to replace various size water mains within
9 the distribution system that is required to be relocated due to the work of a municipal or
10 state agency. At this time, TAWC is aware of a bridge project that the City of Chattanooga
11 is planning in 2018. This will necessitate the relocation of approximately 500 lineal feet
12 of 8-inch pipe. Historically, the five-year average spend for this category had been
13 \$965,844. The 2018 spend is well below the five-year average. The average spend has
14 been driven by large Tennessee Department of Transportation (TDOT) projects. TAWC
15 is not aware of any TDOT projects proposed for 2018 that would require relocation of
16 existing infrastructure at this time.

17 **Q. WHAT WORK IS ASSOCIATED WITH HYDRANTS AND VALVES REPLACED**
18 **- LINE F AND WHY DOES IT FALL UNDER THE QIIP?**

19 A. This line item includes the replacement of leaking, failed or obsolete hydrants, including
20 hydrant assemblies and valves that are Company funded. Through the replacement of
21 hydrants and valves that have been determined to not function properly through ongoing
22 inspections allows TAWC to maintain public safety and ensure the distribution system is
23 able to provide adequate and reliable service to the community. Since the work is

1 associated with the replacement of infrastructure to maintain public safety and provide
2 reliable service, the Company believes it is appropriate and should be included in QIIP.

3 **Q. WHAT IS THE PROPOSED REPLACEMENT SCHEDULE FOR HYDRANTS**
4 **AND VALVES?**

5 **A.** TAWC plans to spend approximately \$422,000 to replace hydrants and valves. Of this
6 amount, TAWC plans to spend a majority of this amount on replacing 16 broken valves
7 that have been found during the inspection of these valves over the past several years. The
8 estimate to replace these valves is \$285,000. Within this line, TAWC expects to replace
9 47 hydrants that have been found during inspections to be damaged or in need of extensive
10 repair. The estimate to replace these hydrants is \$137,000. The amounts proposed for Line
11 F during 2018 is similar to the 5-year average spend between 2012 and 2016 of \$464,378.

12 **Q. WHAT WORK IS ASSOCIATED WITH SERVICES REPLACED - LINE H AND**
13 **WHY DOES IT FALL UNDER THE QIIP?**

14 **A.** This investment plan item includes the replacement of water services or the small diameter
15 pipe that connects the Customer to the Company's distribution main. The work includes
16 the replacement of the water service between the Company's distribution main and the
17 Customer's property line, including the replacement of corporation stops, or shut-off
18 valves. The replacement of water service that are causing reduction in water service or
19 concerns with water quality are included in the work performed within this spending line.
20 By replacing these services, the Company is able to provide better service to a Customer.
21 TAWC believes this type of replacement work is appropriate to maintain reliable service
22 to a Customer and should be included in QIIP.

1 **Q. WHAT IS THE PROPOSED REPLACEMENT SCHEDULE FOR SERVICES**
2 **WITHIN LINE H?**

3 A. TAWC plans to spend approximately \$630,250 to replace services during this period.
4 Based on the average cost per service replacement of \$2,375, TAWC will replace
5 approximately 316 services. The anticipated spend of \$630,250 during 2018 is greater
6 than the five-year average spend of \$498,869 between 2012 and 2016.

7 **Q. WHAT IS THE WORK ASSOCIATED WITH METERS REPLACED - LINE J**
8 **AND WHY DOES IT FALL UNDER THE QIIP?**

9 A. This investment plan item includes the replacement or improvement of existing customer
10 meters and meter settings with or without technology changes. The work associated with
11 this spending line allows for the replacement of meters and meter settings that are nearing
12 the end of their useful service life and could cause service disruptions or inconveniences
13 to a Customer if they were to fail. The Company believes this type of replacement work
14 is appropriate to maintain reliable service to a Customer and should be included in QIIP.

15 **Q. WHAT IS THE PROPOSED REPLACEMENT SCHEDULE FOR METERS?**

16 A. The total estimated meter replacement cost for the period is \$2,255,940. Based upon an
17 average cost of meter replacements of approximately \$155 per meter, TAWC will replace
18 approximately 13,591 meters.

19 **Q. HOW DOES THIS COMPARE TO PAST YEARS OF METER REPLACEMENTS?**

20 A. The proposed 2018 investment of \$2,255,940 is an increase as compared to the five-year
21 average between 2012 and 2016 of \$939,857. This level of spending is comparable to the
22 proposed spending in 2017 of \$1,687,825 that began the process of replacing meters in the
23 system with Automatic Meter Reading (AMR) meters.

1 **Q. WHY IS THERE A SUBSTANTIAL INCREASE IN SPENDING ON THE**
2 **METERS REPLACED - LINE J?**

3 **A.** Along with the normal replacement of meters that are nearing their useful life, 2018 will
4 be the second year that TAWC is replacing the meters in the system with Automatic Meter
5 Reading (AMR) meters, which enables TAWC to obtain electronic readings while driving
6 by a location rather than physically approaching each meter. Through the implementation
7 of this meter technology, TAWC can become more efficient with its meter reading process.
8 TAWC currently plans to deploy these meters throughout the system by the end of 2021.
9 Upon full deployment of the AMR meters, TAWC would expect to see a reduction in the
10 number of meter reading related service orders and a reduction in the number of estimated
11 bills issued. With the AMR meters the Customer should have less billing errors and have
12 increased confidence that they are being billed for correct amount of water that they have
13 used during the billing period. Although TAWC believes that the resources needed to read
14 meters will be reduced, it does not expect that there will be an impact to the number of
15 overall personnel within the Company. TAWC expects to utilize efficiencies realized with
16 the full deployment of the AMR system in 2021 in new tasks associated with maintaining
17 the AMR equipment and ability to address Customer inquiries more efficiently.

18 **Q. WHAT IS THE WORK ASSOCIATED WITH CAPITALIZED TANK**
19 **REHABILITATION/ PAINTING – LINE R AND WHY DOES IT FALL UNDER**
20 **THE QIIP?**

21 **A.** This investment plan item includes the rehabilitation and painting of water storage tanks
22 within the distribution system. Performance of periodic rehabilitation and painting of
23 these water storage tanks maintains the ability of the water distribution system to provide

1 reliable service and ensure the system is able to meet the demands during peak Customer
2 demand periods and during firefighting periods. In addition, this rehabilitation work allows
3 the system to ensure that it is able to provide safe water to its Customers. Through the
4 rehabilitation of the tank, the system's reliability is maintained and should be included in
5 QIIP.

6 **Q. DISCUSS THE WORK ASSOCIATED WITH CAPITALIZED TANK**
7 **REHABILITATION/ PAINTING INCLUDED WITH LINE R?**

8 A. TAWC plans to spend \$1,000,000 to rehabilitate Aldrich Unit 6. This is one of TAWC's
9 dual sedimentation and filtration units. In 2017, it was discovered that the filter underdrain
10 was damaged and it was taken out of service. The rehabilitation will replace or rebuild the
11 underdrain and rehabilitate the entire structure. The five-year average for capitalized tank
12 rehabilitation/painting is \$629,932 for the years 2012 to 2016. However, the 2018 spend
13 is higher than average. Rehabilitation of Aldrich Units is fairly capital intensive due to
14 their large size. In the case of Unit 6, some additional work on the underdrains will also
15 be required.

16 **Q. ARE THERE ANY CAPITAL INVESTMENT PROJECTS ("IP") THAT ARE**
17 **INCLUDED UNDER THE QUALIFIED INFRASTRUCTURE INVESTMENT**
18 **PROGRAM?**

19 A. Yes. TAWC has one Capital Investment Project that will be placed in service during 2018.
20 The project is the Tennessee River Transmission Main Crossing Project with an
21 approximate cost of \$2,414,209. The project is to allow TAWC to replace infrastructure
22 and recover capacity lost through the repair of an existing transmission main and to ensure

1 redundancy if a critical failure occurs to the existing river crossing and the Walnut Street
2 Bridge main. The project will be in service by December 2018.

3 **Q. WAS THIS PROJECT INCLUDED UNDER THE QUALIFIED**
4 **INFRASTRUCTURE INVESTMENT PROGRAM AS SUBMITTED IN CASE 16-**
5 **00126?**

6 A. Yes. TAWC had included this project under the Qualified Infrastructure Investment
7 Program in Case 16-00126 because it believed that the project would be placed in service
8 during 2017. Delays in the project resulted in the project not making sufficient progress to
9 be placed in service during 2017.

10 **Q. WHAT TYPE OF DELAYS WERE EXPERIENCED?**

11 A. The long lead time item for River Crossing Projects over waterways controlled by the
12 Tennessee Valley Authority (TVA) is a 26A Permit. A 26A permit is associated with the
13 Tennessee Valley Authority Act of 1933, which provides authority to the TVA related to
14 the unified conservation and development of the Tennessee River Valley and surrounding
15 area and directs that property in TVA's custody be used to promote the Act's purposes. In
16 particular, section 26A of the Act requires that TVA's approval be obtained prior to the
17 construction, operation, or maintenance of any dam, appurtenant works, or other
18 obstruction affecting navigation, flood control, or public lands or reservations along or in
19 the Tennessee River or any of its tributaries.

20 Initial conversations with TVA indicated that a full permit would not be required for the
21 crossing and a no objection letter would be issued. However, following further
22 development of the project plans and subsequent communications, the TVA ultimately
23 decided a full permit would be required. This involved an extensive archeological and

1 endangered species study of the proposed route. TVA develops the scope of these studies
2 and a longer amount of time is needed to complete the studies and then receive decisions
3 from TVA than anticipated in the project planning based on the initial conversations with
4 the TVA. Because of the length of time involved with the permit requirements, TAWC
5 will complete the permitting in 2017 and defer construction to 2018.

6 **Q. WHY DOES TAWC BELIEVE THE PROJECT WILL BE COMPLETED IN 2018?**

7 A. The construction duration for this project is approximately 6 months. Currently TAWC is
8 acquiring quotes from contractors with plans to start construction in the early part of 2018.
9 TAWC has performed the tasks required to obtain the 26A Permit from TVA, which would
10 allow construction to begin. It is expected that the 26A Permit will be issued during the
11 first part of 2018.

12 **Q. HOW DID THIS DELAY AFFECT THE 2017 QUALIFIED INFRASTRUCTURE**
13 **INVESTMENT PROGRAM?**

14 A. Given the delay, QIIP projects and spending that was originally slated for 2018 was pulled
15 forward into 2017 to offset the River Crossing Project spend. This included bringing
16 forward originally planned 2018 projects that included Facility Upgrades at Whitwell
17 Water Treatment Plant (WTP), Replacement of 0.1MG Storage Tank at Whitwell and
18 Underdrain Replacements at Citico WTP.

19 **Q. WAS THERE ANY SPENDING ON THE TENNESSEE RIVER CROSSING**
20 **PROJECT IN 2017?**

21 A. Yes. It is estimated that the Company will spend approximately \$162,000 on design and
22 permitting work related to the River Crossing Project in 2017.

1 **Q. WILL THIS SPENDING BE INCLUDED IN THE 2017 QUALIFIED**
2 **INFRASTRUCTURE INVESTMENT PROGRAM AMOUNT IN THIS PROPOSED**
3 **ADJUSTMENT?**

4 A. No. Since the project was not placed in service during 2017, the spending will not be
5 included in the 2017 QIIP. It will be part of the proposed 2018 QIIP. As discussed in Ms.
6 Bridwell's testimony, TAWC revised the 2017 QIIP to remove this project from the 2017
7 in-service total, included the two projects that were completed in 2017, and moved this
8 project to an in-service in 2018.

9 **Q. WHY IS A THIRD RIVER CROSSING NECESSARY?**

10 A. The area north of the Tennessee River is supplied through what was a 30-inch main and a
11 16-inch main crossing the river. The 30-inch concrete main was installed in 1965 under
12 the river extending directly north from the Citico Water Treatment Plant. The 16-inch steel
13 main is hung below the Walnut Street Bridge and was installed in 1948. On April 4, 2016
14 the 30-inch concrete main under the Tennessee River ruptured unexpectedly, which
15 resulted in TAWC isolating the main for approximately two weeks to allow it to insert an
16 emergency 24-inch High Density Polyethylene (HDPE) pipe inside the 30-inch pipe.
17 During the non-operability or temporary loss of the 30-inch main, TAWC relied on the 16-
18 inch steel main and made emergency provisions to ensure service to the area north of the
19 Tennessee River. Unfortunately, the type of emergency repair employed – inserting the
20 new 24-inch pipe within the existing 30-inch pipe - caused a permanent capacity reduction
21 for the system with regard to providing service to the area north of the Tennessee River.
22 Moreover, the rupture also raised the awareness of the importance of redundancy for the
23 system and highlighted the weak link that existed for the system on providing service to

1 the north side of the river. The proposed new river crossing will provide an important
2 redundant feed to the north side of the river and prepares the system when the 16-inch steel
3 pipe that was installed 68 years ago reaches its life expectancy of between 70 and 80 years.
4 In addition, the new river crossing will reestablish the lost capacity that occurred when the
5 24-inch HDPE pipe was placed inside of the 30-inch concrete pipe.

6 **Q. HOW MUCH CAPACITY WAS LOST AS A RESULT OF THE EMERGENCY**
7 **REPAIR OF THE 30-INCH CONCRETE MAIN?**

8 A. The 30-inch concrete main had a capacity of approximately 16.5 million gallons per day
9 (MGD) at a flow rate of 5 feet per second. With the insertion of the 24-inch HDPE pipe
10 within the 30-inch concrete pipe, the capacity was reduced to approximately 10.8 MGD at
11 a flow rate of 5 feet per second, or a loss of approximately 34.5 % capacity.

12 **Q. WILL THIS LOSS OF CAPACITY AFFECT THE AREA NORTH OF THE**
13 **TENNESSEE RIVER?**

14 A. Currently, the 16-inch steel pipe and the inserted 24-inch HDPE are sufficient to provide
15 for the demands experienced by the area north of the Tennessee River. However, if any
16 disruption is experienced on either existing main, the ability for TAWC to sufficiently
17 serve the area is impacted. Through the installation of a third river crossing, TAWC will
18 be able to ensure reliable service to the area north of the river and ensure that it can provide
19 an adequate supply into the future.

20 **Q. WHY IS THIS PROJECT CONSIDERED A REPLACEMENT PROJECT AND**
21 **INCLUDED UNDER THE QIIP RIDER?**

22 A. TAWC believes that this project is appropriate to be included within the QIIP Rider since
23 the purpose of the new crossing is to replace the capacity lost during the repair of the 30-

1 inch main this past spring and to replace the capacity of the 16-inch steel main that is
2 between 2 and 12 years from exceeding its life expectancy. As of January 2016, the
3 capacity of the 30-inch concrete pipe and the 16-inch steel pipe was 21.5 MGD at a flow
4 rate of 5 feet per second. Following the repair of the ruptured 30-inch concrete, the overall
5 capacity of the two mains was reduced to 15.8 MGD. At the point when the 16-inch steel
6 main exceeds its useful life and the chance of failure increases, the potential loss of the
7 main would reduce the overall capacity to the area north of the river to 10.8 MGD. With
8 the installation of the third river crossing, the capacity will be restored to 21.6 MGD that
9 allows the system to recover to the capacity that was present as of January 2016. TAWC
10 included this project within the QIIP rider since the new river crossing returns the system
11 to the January 2016 capacity levels and is a replacement of the lost capacity of the repair
12 carried out on the 30-inch concrete main and the future retirement of the 68-year old 16-
13 inch steel main. TAWC did not consider this as part of the EDI Rider since the project did
14 not expand the capacity available to the area north of the river.

ECONOMIC DEVELOPMENT INVESTMENT PROGRAM

17 **Q. WHAT IS THE ECONOMIC DEVELOPMENT INVESTMENT RIDER?**

18 A. This rider provides a mechanism to recover the operational expenses, capital costs or both
19 related to the expansion of infrastructure for the purpose of economic development. With
20 economic development opportunities being limited and the competition for each
21 development fierce, the rider allows infrastructure to be expanded or enhanced to respond
22 quickly and equitably to economic development that will benefit all of the consumers.

1 **Q. WHAT ARE THE BUDGET LINES THAT ARE INCLUDED UNDER THE**
2 **ECONOMIC DEVELOPMENT INVESTMENT RIDER?**

3 A. The budget lines that are included in the Economic Development Investment Rider are
4 Line A - Mains New and Line E - Hydrants and Valves New. These budget lines support
5 the economic development of the area and place the distribution system in a position to aid
6 new development within the service area.

7 **Q. WHAT WORK IS ASSOCIATED WITH MAINS NEW - LINE A AND WHY IS**
8 **THIS APPROPRIATE FOR THE EDI RIDER?**

9 A. This line item includes new water mains, valves, and other appurtenances that are necessary
10 to perform the work that assist with the economic growth of the community. This work
11 includes the installation of new infrastructure to expand or extend the distribution system
12 that supports economic growth in the community and is appropriate to be included within
13 the EDI Rider.

14 **Q. WHAT OTHER WORK IS ASSOCIATED WITH MAIN NEW – LINE A AND**
15 **WHY IS THIS ADDITIONAL WORK APPROPRIATE FOR THE EDI RIDER?**

16 A. In addition to the extension or expansion of the distribution system to assist with an
17 economic development project, Line A work can also be related to the extension or
18 expansion of new mains that position the distribution system to be able to support future
19 growth of the community. In addition, Line A work includes new mains that provide new
20 transmission capacity, provide reliability, or establish an additional pressure gradient. This
21 work is considered appropriate for the EDI Rider because it enhances the distribution
22 system and allows it to respond quickly to future growth of the community. These types
23 of projects promote future growth of the community and are designed to accommodate

1 future growth in the surrounding areas. Among other ways, the Customer benefits from
2 these projects through their enhancement of the distribution system and improvement in
3 reliability.

4 **Q. WHAT IS THE PROPOSED INVESTMENT ANTICIPATED FOR NEW WATER**
5 **MAIN ASSOCIATED WITH LINE A.**

6 A. TAWC plans to spend approximately \$963,000 on various size water mains within the
7 distribution system that are associated with eliminating dead ends or positioning the
8 distribution system for future development. At this time, the Company has identified four
9 new main projects. Two of these projects are in Whitwell and two are in Chattanooga. In
10 Whitwell, one project includes the installation of 6,000 lineal foot of 12-inch main along
11 Highway 283 in Whitwell. This hydraulic improvement will allow the Company to
12 improve redundancy and system hydraulics between eastern and western portions of the
13 Whitwell Service Area. It was ranked as a high priority in the Whitwell Comprehensive
14 Planning Study (“CPS”). In Chattanooga, a 2,300 lineal foot 12-inch extension along
15 Cummings Road is needed to provide a secondary feed into an area on the western end of
16 the system. The historical five-year spend for 2012 to 2016 for new mains is \$200,444.
17 The 2018 investment is an increase. The Company believes that these projects are
18 important to ensure capacity and the continued reliability of our system.

19 **Q. WHAT WORK IS ASSOCIATED WITH NEW HYDRANTS AND VALVES – LINE**
20 **E AND WHY IS THIS APPROPRIATE FOR THE EDI RIDER?**

21 A. This investment plan item includes the installation of new hydrants, including hydrant
22 assemblies and valves that are installed on existing mains or installed in conjunction with
23 main extension projects, which are Company funded. This item generally includes all

1 public hydrants. This work is associated with the installation of new infrastructure to foster
2 economic development by providing new fire protection or enhancing fire protection in
3 currently served areas. Improved infrastructure in existing older service areas, including
4 fire protection, is a key to redevelopment in economic growth and is appropriate to be
5 included within the EDI Rider.

6 **Q. WHAT IS THE PROPOSED SCHEDULE FOR NEW HYDRANTS AND VALVES?**

7 A. TAWC plans to spend approximately \$133,000 on a combination of 43 new hydrants and
8 valves. This is increase over the three-year average between 2013 and 2016 of \$70,131.
9 This increase is due to the identification of 14 valves that need to be installed in 2018.
10 TAWC believes that with the improving economic health of the communities served that
11 the level of investment will increase to serve the growing economic development.

12
13 **SAFETY AND ENVIRONMENTAL COMPLIANCE RIDER**

14 **Q. WHAT IS THE SAFETY AND ENVIORNMENTAL COMPLAINCE RIDER?**

15 A. In addition to the need for capital investment for replacement of aging infrastructure, and
16 the need for investment in infrastructure for economic development, water and wastewater
17 utilities are continually faced with the additional infrastructure investment requirements to
18 meet safety and environmental compliance mandates from state and federal government.
19 The United States Environmental Protection Agency is continually increasing water quality
20 standards for potable drinking water and discharge requirements for wastewater facilities.
21 Other regulatory agencies from time to time change safety and environmental compliance
22 requirements that lead to the need for further infrastructure investment. TAWC believes

1 that environmental compliance investments are specifically related to the safety of the
2 drinking water and in the public interest.

3 **Q. WHAT ARE THE BUDGET LINES THAT ARE INCLUDED UNDER THE**
4 **SAFETY AND ENVIRONMENTAL COMPLIANCE PROGRAM RIDER?**

5 A. The budget lines that are included in the Safety and Environmental Compliance Rider are
6 Line L - SCADA Equipment and Systems, Line M - Security Equipment and Systems and
7 Line Q - Process Plant Facilities and Equipment. These budget lines support the
8 improvement of safety and enhances the environmental compliance of the system.

9 **Q. WHAT WORK IS ASSOCIATED WITH SCADA EQUIPMENT AND SYSTEMS -**
10 **LINE L AND HOW IS IT RELATED TO THE SEC?**

11 A. This investment item is for the installation or replacement of existing SCADA Equipment
12 and Systems. The acronym SCADA can be defined in several slightly different ways.
13 However, TAWC generally prefers the definition as System Control and Data Acquisition,
14 which is the computerized system for monitoring and operating the treatment plants and
15 network facilities. By making investment in the monitoring and control system for the
16 treatment plants and the network facilities, TAWC is able to ensure that the operation of
17 the system is meeting safety and environmental requirements and is appropriate to be
18 included in the SEC.

19 **Q. WHAT IS THE PROPOSED INVESTMENT ANTICIPATED TO SCADA**
20 **ASSOCIATED WITH LINE L?**

21 A. TAWC plans to spend approximately \$160,000 on various SCADA improvements
22 throughout the system. A majority of the spending will be associated with the replacement

1 of outdated controllers at eight remote sites. In addition, some licensing fees are required
2 to maintain SCADA (supervisory control and data acquisition) software.

3 **Q. WHAT WORK IS ASSOCIATED WITH SECURITY EQUIPMENT AND**
4 **SYSTEMS - LINE M AND HOW IS IT RELATED TO THE SEC?**

5 A. This investment item is associated with the security equipment and systems that are
6 employed at the TAWC facilities. This may include fencing, alarm systems, cameras,
7 barricades, electronic detection or locking systems, software, or other assets related directly
8 to security. These improvements allow TAWC to maintain its security system and follow
9 the Homeland Security Directive 9 to *“develop robust, comprehensive, and fully*
10 *coordinated surveillance and monitoring systems.”* TAWC believes it is paramount to
11 ensure that its facilities are monitored actively. These improvements will maintain the
12 equipment and ensure current technology is employed to provide safe drinking water and
13 protect its infrastructure and are appropriate to be included in the SEC.

14
15 **Q. WHAT IS THE PROPOSED SCHEDULE FOR SECURITY EQUIPMENT AND**
16 **SYSTEMS?**

17 A. TAWC plans to spend approximately \$150,000 on a combination of upgrades to existing
18 security systems to improve the security of the existing facilities. TAWC believes this
19 level of spend on the installation and enhancement of the facility security systems will
20 ensure a sufficient level of health and safety risk reduction for the Company’s employees.

21 **Q. WHAT WORK IS ASSOCIATED WITH PROCESS PLANT FACILITIES AND**
22 **EQUIPMENT – LINE Q AND HOW IS IT RELATED TO THE SEC?**

23 A. This investment line item is for the new purchase or replacement of existing components
24 of water supply, water treatment, water pumping, water storage, and water pressure

1 regulation facilities, including associated building components and equipment.
2 Replacements may be planned or made because of failure, or may include improvements.
3 Through the investment in the improvements associated with this spending line, TAWC is
4 able to ensure compliance with federal and state safety and environmental compliance
5 requirements that will ensure safe drinking water. By ensuring compliance with federal
6 and state requirements, these investments are appropriate to be included in the SEC.

7 **Q. WHAT IS THE PROPOSED SCHEDULE FOR PROCESS PLANT FACILITIES**
8 **AND EQUIPMENT IMPROVEMENTS WITHIN LINE Q?**

9 A. TAWC plans to spend approximately \$890,000 within the Process Plant Facilities and
10 Equipment Improvements within Line Q. This level of investment is a decrease in the line
11 compared with the five-year average spending of \$1,598,574 over the period of 2012 to
12 2016. This level of investment is less than the three-year average of \$1,729,678 during the
13 period of 2013 to 2016. This decrease for 2018 is due to the Company pulling forward six
14 filter underdrain replacements from 2018 to 2017 to take the place of the Tennessee River
15 Crossing Project. These projects over the past few years have allowed TAWC to ensure it
16 can reliably meet the required environmental compliance. A portion of the investment in
17 the Q line is a \$300,000 investment to replace the number 3 pump unit at the Mission Ridge
18 Booster Station. Other work, such as replacement of the caustic soda day tank, repair of a
19 low service intake valve and other improvements at the Citico facility, are expected to be
20 completed during this period as well.

21 **Q. BESIDES THE REPLACEMENT OF PROCESS PLANT FACILITIES AND**
22 **EQUIPMENT DUE TO A FACILITY OR PIECE OF EQUIPEMENT BEING AT**

1 **THE END OF ITS USEFUL LIFE, WHAT BENEFITS DOES WORK**
2 **PERFORMED UNDER LINE Q PROVIDE?**

3 A. A majority of the work performed by TAWC within Line Q is the replacement of older
4 equipment with new equipment that is far more efficient than the original equipment. This
5 allows TAWC to produce water more efficiently and use less electricity and allows the
6 Company to take a leadership role in reducing its carbon footprint, which will further
7 improve public health. TAWC has elected to include both replacement and new items in
8 this line specifically that are critically necessary to continue to meet water quality
9 regulations.

10 **Q. DOES THE ATTACHED 2018 STRATEGIC CAPITAL EXPENDITURE PLAN**
11 **SHOW SPENDING FOR INVESTMENT PROJECTS THAT ARE NOT PART OF**
12 **2018 RIDERS?**

13 A. Yes, the 2018 Strategic Capital Expenditure Plan has spending on two Investment Projects
14 that are not included within the 2018 Riders.

15 **Q. WHAT ARE THESE TWO INVESTMENT PROJECTS?**

16 A. The 2018 Strategic Capital Expenditure Plan includes spending for the Replacement of
17 Basin 2 and Plate Settlers Project and the Chlorine Gas Conversion Project.

18 **Q. WHY IS THIS SPENDING INCLUDED IN THE 2018 STRATEGIC CAPITAL**
19 **EXPENDITURE PLAN?**

20 A. The 2018 Strategic Capital Expenditure Plan (“SCEP”) is the total amount of capital that
21 TAWC plans to spend during 2018 that will supports its ongoing efforts to maintain and
22 improve the infrastructure and operation of the company and address regulatory and safety
23 requirements. These two projects will have design and construction activities that will

1 require spend to occur during 2018, but both projects will be complete in later years. In
2 the case of the Replacement of Basin 2 and Plate Settler Project, the project is expected to
3 be placed in service by December 31, 2019, which will place this project within the 2019
4 QIIP rider. With regard to the Chlorine Gas Conversion Project, the project is expected to
5 be placed in service by April 1, 2020, which will place this project within the 2020 SEC
6 rider. Due to the complexity of these projects and the length of design and construction,
7 these projects are multi-year projects that will be part of future QIIP and SEC rider filings.

8 **Q. HOW DOES TAWC PLAN FOR THESE PROJECTS?**

9 A. As previously indicated, the determination of including a project within the investment
10 plan starts with a process that is documented through the CPS and is the basis for the
11 development of projects included in the Investment Projects section of the SCEP. TAWC
12 utilizes this study along with review of changes in the needs of the system that may have
13 occurred since the development of the CPS to determine the projects that need to be
14 included within the Capital Investment Plan. During the development of the SCEP, TAWC
15 reviews the projects recommended by the CPS and determines the schedule of projects to
16 balance the expected spend over a 5 to 10 year period.

17 **Q. WHY IS THE REPLACEMENT OF BASIN 2 AND PLATE SETTLER PROJECT**
18 **PART OF THE 2019 QIIP?**

19 A. The Replacement of Basin 2 with Plate Settlers Project will replace an aging Basin 2 with
20 plate settler technology to greatly increase the treatment efficiency and capacity of the
21 basin. The CPS indicated that the Citico Water Treatment Plant experiences elevated
22 applied turbidities because of over feeding filter aids to offset the ineffective flocculation
23 and sedimentation of basins 1 and 2. The project will renovate basin 2 to address safety

1 concerns and reconfigure it to be similar to recently rehabilitated basin 3. The project will
2 add a defined flocculation area and significantly improve sedimentation. The project will
3 not only provide improved water quality, but will also provide redundancy and reliability
4 to the Citico plant. The project will be designed during 2018 and is expected to begin
5 construction during the end of 2018 with the rehabilitated basin being placed in service by
6 December 31, 2019.

7 **Q. WHY IS THE CHLORINE GAS CONVERSION PROJECT A PART OF THE 2020**
8 **SEC RIDER?**

9 A. TAWC currently utilizes chlorine gas for pre and post chlorination to meet the regulatory
10 requirements for drinking water. Chlorine gas poses a safety risk, which is increased in an
11 urban setting such as the Citico Water Treatment Plant given the facility's proximity to
12 Erlanger Hospital, Amnicola Highway, the Riverwalk and the University of Tennessee at
13 Chattanooga. TAWC has used gas Chlorine for disinfection since inception of the plant.
14 The chlorine system utilizes one-ton cylinders. Liquid chlorine flows under pressure to an
15 evaporator where it is superheated and vacuum fed to chlorinators. The chlorine cylinders
16 are stored in a separate, vented room adjacent to the evaporators and chlorinators, both
17 located in the basement of the chemical building. The chlorine scrubber located outside of
18 the chlorine storage building was installed in 1988 to protect employees and the
19 surrounding urban area against accidental release of chlorine gas. TAWC currently has the
20 appropriate safety procedures in place, including a negatively pressured chlorine room with
21 audible alarm and a chlorine scrubber to remove chlorine gas from the storage room. These
22 backup measures are intended to mitigate the consequences of a possible cylinder rupture
23 or chlorine leak. In the event that one or more of these measures fail, TAWC personnel are

1 at risk, as well as personnel and patients in the abutting hospital and public in general. The
2 proposed project will replace the chlorine gas with sodium hypochlorite, also referred to as
3 liquid bleach. The sodium hypochlorite is delivered in bulk liquid form and requires a bulk
4 storage tank and day tank. It is safer to transport and store than gaseous chlorine due to its
5 dilute, liquid form. It is not under pressure and therefore does not have the same potential
6 to rupture as chlorine gas vessels. The project will remove the potential risk of a chlorine
7 leak in a major metropolitan area with an abutting hospital and public schools.

8 **Q. DOES THIS CONCLUDE YOUR DIRECT TESTIMONY?**

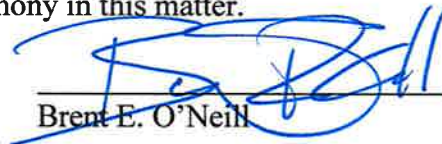
9 A. Yes.

10

STATE OF KENTUCKY)
)
COUNTY OF FAYETTE)

BEFORE ME, the undersigned authority, duly commissioned and qualified in and for the State and County aforesaid, personally came and appeared Brent E. O'Neill, being by me first duly sworn deposited and said that:

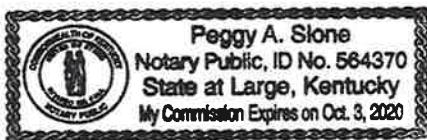
He is appearing as a witness on behalf of Tennessee-American Water Company before the Tennessee Regulatory Authority, and if present before the Authority and duly sworn, his testimony would be as set forth in his pre-filed testimony in this matter.


Brent E. O'Neill

Sworn to and subscribed before me
this 7th day of November, 2017.


Notary Public

My Commission Expires: 10/3/2020



**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit	Tennessee	
Revision Date	October 7, 2017	
Description	TN BP 2018-2022 SCEP	

2018

Business Unit	Rider	Business Unit No.	Project Title			1	2	3	4	5	6
Tennessee	None	DV	Projects Funded by Others			\$10,000	\$10,000	\$50,000	\$80,000	\$150,000	\$150,000
Tennessee	EDI	A	Mains - New			40,000	67,500	75,500	85,500	88,000	93,000
Tennessee	QIIP	B	Mains - Replaced / Restored			50,000	100,000	130,000	135,000	160,000	170,000
Tennessee	QIIP	C	Mains - Unscheduled			100,500	110,500	106,000	106,000	103,500	100,500
Tennessee	QIIP	D	Mains - Relocated				5,000	5,000	10,000	15,000	15,000
Tennessee	EDI	E	Hydrants, Valves, and Manholes - New			5,000	8,000	10,500	11,500	13,000	18,000
Tennessee	QIIP	F	Hvdrants, Valves, and Manholes - Replaced			19,500	21,500	23,500	30,500	45,000	50,000
Tennessee	None	G	Services and Laterals - New			50,500	75,500	81,250	85,250	100,500	105,500
Tennessee	QIIP	H	Services and Laterals - Replaced			20,500	35,000	45,200	57,200	85,200	85,300
Tennessee	None	I	Meters - New			5,000	10,000	15,000	20,350	25,350	30,700
Tennessee	QIIP	J	Meters - Replaced			50,000	100,000	151,000	201,500	301,500	302,395
Tennessee	None	K	ITS Equipment and Systems			138,945	158,605	151,905	132,685	137,353	136,115
Tennessee	SEC	L	SCADA Equipment and Systems			5,000	7,000	9,000	15,000	22,500	25,500
Tennessee	SEC	M	Security Equipment and Systems			2,500	5,000	10,000	10,000	15,000	25,000
Tennessee	None	N	Offices and Operations Centers			1,000	1,000	1,250	1,250	1,500	1,500
Tennessee	None	O	Vehicles							240,000	247,000
Tennessee	None	P	Tools and Equipment			5,750	8,750	11,000	13,000	18,500	20,500
Tennessee	SEC	Q	Process Plant Facilities and Equipment			27,500	80,000	80,000	80,000	82,500	87,500
Tennessee	QIIP	R	Capitalized Tank Rehabilitation/Painting			50,000	50,000	50,000	75,000	75,000	100,000
Tennessee	None	S	Engineering Studies			2,500	2,500	5,000	5,000	5,000	5,000
Total Recurring Projects						574,195	845,855	961,105	1,074,735	1,534,403	1,618,510
INVESTMENT PROJECTS											
Tennessee	SEC	I26-020027	Construct 1.0MG Tank & 2500-16" ER (\$1.5)	Total	In Service Date						
Tennessee	QIIP	I26-020034	Tennessee River Crossing (\$2.5)		12/31/2022	163,875	213,875	213,875	213,875	213,875	213,875
Tennessee	QIIP	I26-020038	Retire Basin 1 (\$0.6)		12/31/2020						
Tennessee	QIIP	I26-020039	Repl Basin 2 & Plate Settlers		12/31/2019				16,545	27,666	110,453
Tennessee	SEC	I26-020040	Chlorine Gas Conversion (\$4.5)		4/1/2020						
Tennessee	QIIP	I26-020043	Energy Reduction and Efficiency (\$0.87)		12/31/2020						
Tennessee	SEC	I26-020044	New Raw Water Intake Citico (\$4)		6/30/2022						
Tennessee	QIIP	I26-020045	Remove Filter Bldg 3		3/1/2018						
Tennessee	None	I26-020046	New Field Services Facility (\$5)		12/31/2020				21,930	21,930	21,930
Tennessee	QIIP	I26-020048	Install 6,900 ft of 8-inch Main on Elder Mountain Rc		12/31/2022						
Tennessee	QIIP	I26-020049	Alvin York Hwy Main Replacement (\$1.5)		8/30/2023						
Tennessee	SEC	I26-050001	Raw Water Intake Improvements Whitwell (\$2)		12/31/2021						
Tennessee	SEC	I26-050002	Facility Upgrades at Whitwell WTP (\$0.3)		12/31/2017						
Tennessee	SEC	I26-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$5)		12/31/2021						
Tennessee	SEC	I26-050004	Replace 0.1 MG Storage Tank at Whitwell (\$0.3)		12/31/2017						
Tennessee	No	I26-000002	Post Acquisition BD Capex			56,083	56,083	56,083	56,083	56,083	56,083
Total Investment Projects						\$219,958	\$269,958	\$269,958	\$308,433	\$319,554	\$402,341
Contributions						(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)
Advances						(58,333)	(58,333)	(58,333)	(58,333)	(58,333)	(58,333)
Total Refunds						29,167	29,167	29,167	29,167	29,167	29,167
Gross						\$804,154	\$1,125,814	\$1,281,064	\$1,463,169	\$2,003,958	\$2,170,852
Net						(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(49,167)
Gross minus Post Acq						\$748,070	\$1,069,730	\$1,224,980	\$1,407,085	\$1,947,874	\$2,114,768
Net minus Post Acq						(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(49,167)
Net minus Post Acq						\$698,904	\$1,020,564	\$1,175,814	\$1,357,919	\$1,898,708	\$2,065,602

*Dollar amounts from TAWC's Annual Capital Planning Process

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit	Tennessee
Revision Date	October 7, 2017
Description	TN BP 2018-2022 SCEP

										U.S. \$
Business Unit	Rider	Business Unit No.	Project Title	7	8	9	10	11	12	Total 2018
Tennessee	None	DV	Projects Funded by Others	\$90,000	\$80,000	\$80,000	\$80,000	\$120,000	\$100,000	\$1,000,000
Tennessee	EDI	A	Mains - New	98,000	102,000	78,000	79,500	78,500	77,500	963,000
Tennessee	QIIP	B	Mains - Replaced / Restored	175,000	185,000	170,000	160,000	150,000	140,000	1,725,000
Tennessee	QIIP	C	Mains - Unscheduled	70,500	70,500	40,500	40,500	80,000	100,000	1,029,000
Tennessee	QIIP	D	Mains - Relocated	20,000	15,000	10,000	10,000	5,000		110,000
Tennessee	EDI	E	Hydrants, Valves, and Manholes - New	17,500	16,000	15,000	8,000	5,500	5,000	133,000
Tennessee	QIIP	F	Hydrants, Valves, and Manholes - Replaced	55,000	53,000	46,000	36,000	26,000	16,000	422,000
Tennessee	None	G	Services and Laterals - New	105,250	81,250	101,000	81,000	75,500	50,500	993,000
Tennessee	QIIP	H	Services and Laterals - Replaced	82,200	65,200	55,200	43,000	30,000	26,250	630,250
Tennessee	None	I	Meters - New	35,350	30,350	25,000	20,000	10,600	10,000	237,700
Tennessee	QIIP	J	Meters - Replaced	300,000	300,000	219,545	180,000	100,000	50,000	2,255,940
Tennessee	None	K	ITS Equipment and Systems	164,900	152,680	117,941	122,041	98,164	61,387	1,572,722
Tennessee	SEC	L	SCADA Equipment and Systems	22,000	20,000	15,000	10,000	5,000	4,000	160,000
Tennessee	SEC	M	Security Equipment and Systems	25,000	25,000	10,000	10,000	10,000	2,500	150,000
Tennessee	None	N	Offices and Operations Centers	2,000	1,500	1,000	1,000	1,000	1,000	15,000
Tennessee	None	O	Vehicles		132,000					619,000
Tennessee	None	P	Tools and Equipment	25,500	18,500	13,000	11,000	8,750	5,750	160,000
Tennessee	SEC	Q	Process Plant Facilities and Equipment	90,000	90,000	80,000	80,000	80,000	32,500	890,000
Tennessee	QIIP	R	Capitalized Tank Rehabilitation/Painting	200,000	105,000	100,000	100,000	50,000	45,000	1,000,000
Tennessee	None	S	Engineering Studies	5,000	5,000	5,000	5,000	2,500	2,500	50,000
Total Recurring Projects				1,493,200	1,467,980	1,102,186	997,041	816,514	629,887	13,115,612
INVESTMENT PROJECTS										
Tennessee	SEC	I26-020027	Construct 1.0MG Tank & 2500-16" ER (\$1.5)							
Tennessee	QIIP	I26-020034	Tennessee River Crossing (\$2.5)	200,000	200,000	200,000	200,000	200,000	180,959	2,414,209
Tennessee	QIIP	I26-020038	Retire Basin 1 (\$0.6)							
Tennessee	QIIP	I26-020039	Repl Basin 2 & Plate Settlers	166,056	166,358	166,358	166,358	166,358	1,336,045	2,322,197
Tennessee	SEC	I26-020040	Chlorine Gas Conversion (\$4.5)	55,151	110,603	111,207	194,536	223,168	279,525	974,190
Tennessee	QIIP	I26-020043	Energy Reduction and Efficiency (\$0.87)							
Tennessee	SEC	I26-020044	New Raw Water Intake Citico (\$4)							
Tennessee	QIIP	I26-020045	Remove Filter Bldg 3							
Tennessee	None	I26-020046	New Field Services Facility (\$5)	21,930	21,930	21,930	21,930	21,930	21,931	197,371
Tennessee	QIIP	I26-020048	Install 6,900 ft of 8-inch Main on Elder Mountain Rc							
Tennessee	QIIP	I26-020049	Alvin York Hwy Main Replacement (\$1.5)							
Tennessee	SEC	I26-050001	Raw Water Intake Improvements Whitwell (\$2)							
Tennessee	SEC	I26-050002	Facility Upgrades at Whitwell WTP (\$0.3)							
Tennessee	SEC	I26-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)							
Tennessee	SEC	I26-050004	Replace 0.1 MG Storage Tank at Whitwell (\$0.3)							
Tennessee	No	I26-000002	Post Acquisition BD Capex	56,083	56,083	56,083	56,083	56,083	56,083	673,000
Total Investment Projects				\$499,220	\$554,974	\$555,578	\$638,907	\$667,539	\$1,874,543	\$6,580,967
Contributions				(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(240,000)
Advances				(58,333)	(58,333)	(58,333)	(58,333)	(58,333)	(58,333)	(700,000)
Total Refunds				29,167	29,167	29,167	29,167	29,167	29,167	350,000
Gross				\$2,082,420	\$2,102,954	\$1,737,764	\$1,715,948	\$1,604,053	\$2,604,430	\$20,696,579
				(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(590,000)
Net				\$2,033,253	\$2,053,787	\$1,688,598	\$1,666,782	\$1,554,887	\$2,555,264	\$20,106,579
Gross minus Post Acq				\$2,026,337	\$2,046,871	\$1,681,681	\$1,659,865	\$1,547,970	\$2,548,347	\$20,023,579
				(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(590,000)
Net minus Post Acq				\$1,977,170	\$1,997,704	\$1,632,514	\$1,610,698	\$1,498,803	\$2,499,180	\$19,433,579

*Dollar amounts from TAWC's Annual Capital Planning Process

CLASSIFICATION OF SERVICE**SUMMARY OF RIDERS****1. Applicability**

In addition to the other charges provided for in this Tariff under Service Classifications Residential, Commercial, Industrial, Other Public Authority, Sales for Resale, and Private Fire, a Qualified Infrastructure Improvement Program ("QIIP") Rider, an Economic Development Investment Program Rider ("EDI"), a Safety and Environmental Compliance Program Rider (SEC"), and Production Costs and Other Pass-Throughs Rider ("PCOP") will apply to customers in all service areas.

2. The Percentage of Riders and Reconciliations

For the Riders defined in the tariffs:

QIIP	7.52 %	
EDI	0.34 %	
<u>SEC</u>	<u>6.09 %</u>	
Subtotal of all Capital Recovery Riders	13.95 %	
QIIP Annual Reconciliation Percentage	1.763 %	(I)
EDI Annual Reconciliation Percentage	-0.031 %	(D)
<u>SEC Annual Reconciliation Percentage</u>	<u>-0.826 %</u>	(D)
Subtotal of all Reconciliation Percentages	0.906 %	(I)
Total of Capital Recovery Riders and Reconciliation Percentages	14.856%	
PCOP	-0.89 %	

(D) Indicates Decrease
(I) Indicates Increase

ISSUED: September 12, 2017 EFFECTIVE: August 16, 2017

BY:

Valoria Armstrong
PRESIDENT

109 Wiehl Street
Chattanooga, Tennessee 37403

CLASSIFICATION OF SERVICE**SUMMARY OF RIDERS****1. Applicability**

In addition to the other charges provided for in this Tariff under Service Classifications Residential, Commercial, Industrial, Other Public Authority, Sales for Resale, and Private Fire, a Qualified Infrastructure Improvement Program ("QIIP") Rider, an Economic Development Investment Program Rider ("EDI"), a Safety and Environmental Compliance Program Rider (SEC"), and Production Costs and Other Pass-Throughs Rider ("PCOP") will apply to customers in all service areas.

2. The Percentage of Riders and Reconciliations

For the Riders defined in the tariffs:

QIIP	10.77 %	(I)
EDI	0.45 %	(I)
<u>SEC</u>	<u>6.56 %</u>	(I)
Subtotal of all Capital Recovery Riders	17.78 %	
QIIP Annual Reconciliation Percentage	0.000 %	(D)
EDI Annual Reconciliation Percentage	0.000 %	(I)
<u>SEC Annual Reconciliation Percentage</u>	<u>0.000 %</u>	(I)
Subtotal of all Reconciliation Percentages	0.000 %	(D)
Total of Capital Recovery Riders and Reconciliation Percentages	17.7800%	
PCOP	-0.89 %	

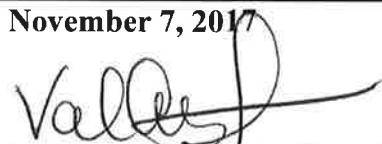
(D) Indicates Decrease

(I) Indicates Increase

ISSUED: November 7, 2017

EFFECTIVE: January 1, 2018

BY:



Valoria Armstrong
PRESIDENT

109 Wiehl Street
Chattanooga, Tennessee 37403

TENNESSEE-AMERICAN WATER COMPANY
Unanimous Consent of Directors
(Without a Meeting)

I, Nicole Boyd, being the Assistant Secretary of Tennessee-American Water Company ("Company"), do hereby certify that the following Resolutions were duly adopted by Unanimous Consent of the Board of Directors of said Company and that said Resolution has not been rescinded, amended or modified:

WHEREAS, pursuant to the requirements of the Tennessee Regulatory Authority's approved Alternative Regulatory Mechanism, the attached current 2018 Capital Budget is submitted for approval; and

WHEREAS, pursuant to the requirements of the Tennessee Regulatory Authority's approved Alternative Regulatory Mechanism, the 2018 Forecasted QIIP Investment Amount, Forecasted EDI Investment Amount and Forecasted SEC Investment Amount per the attachment are submitted for approval as reflected in the current 2018 Capital Budget; and

NOW THEREFORE BE IT,

RESOLVED, that the current 2018 Capital Budget and Forecasted QIIP Investment Amount, Forecasted EDI Amount and Forecasted SEC Investment Amount, attached hereto as Exhibit A, is hereby approved for filing with the Tennessee Regulatory Authority.

IN WITNESS WHEREOF, I have hereunto set my hand as Assistant Secretary of Tennessee-American Water Company and have caused the corporate seal of said Company to be hereunto affixed, this 6th day of November, 2017.



Nicole Boyd
Assistant Secretary

Tennessee American Water 2018 Capital Recovery Riders
Budgeted Investment Amount (\$k)

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Forecasted Gross Capital Expenditures	748	1,070	1,225	1,407	1,948	2,115	2,026	2,047	1,682	1,660	1,548	2,548	20,024
Qualified Infrastructure Investment Program Rider	454	636	725	846	1,027	1,148	1,269	1,160	1,008	936	807	1,894	11,909
Economic Development Investment Rider	45	76	86	97	101	111	116	118	93	88	84	83	1,096
Safety and Environmental Compliance Rider	35	92	99	105	120	138	192	246	216	295	318	319	2,174

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit	Tennessee	
Revision Date	October 7, 2017	
Description	TN BP 2018-2022 SCEP	

2018

Business Unit	Rider	Business Unit No.	Project Title			1	2	3	4	5	6
Tennessee	None	DV	Projects Funded by Others			\$10,000	\$10,000	\$50,000	\$80,000	\$150,000	\$150,000
Tennessee	EDI	A	Mains - New			40,000	67,500	75,500	85,500	88,000	93,000
Tennessee	QIIP	B	Mains - Replaced / Restored			50,000	100,000	130,000	135,000	160,000	170,000
Tennessee	QIIP	C	Mains - Unscheduled			100,500	110,500	106,000	106,000	103,500	100,500
Tennessee	QIIP	D	Mains - Relocated				5,000	5,000	10,000	15,000	15,000
Tennessee	EDI	E	Hydrants, Valves, and Manholes - New			5,000	8,000	10,500	11,500	13,000	18,000
Tennessee	QIIP	F	Hvdrants, Valves, and Manholes - Replaced			19,500	21,500	23,500	30,500	45,000	50,000
Tennessee	None	G	Services and Laterals - New			50,500	75,500	81,250	85,250	100,500	105,500
Tennessee	QIIP	H	Services and Laterals - Replaced			20,500	35,000	45,200	57,200	85,200	85,300
Tennessee	None	I	Meters - New			5,000	10,000	15,000	20,350	25,350	30,700
Tennessee	QIIP	J	Meters - Replaced			50,000	100,000	151,000	201,500	301,500	302,395
Tennessee	None	K	ITS Equipment and Systems			138,945	158,605	151,905	132,685	137,353	136,115
Tennessee	SEC	L	SCADA Equipment and Systems			5,000	7,000	9,000	15,000	22,500	25,500
Tennessee	SEC	M	Security Equipment and Systems			2,500	5,000	10,000	10,000	15,000	25,000
Tennessee	None	N	Offices and Operations Centers			1,000	1,000	1,250	1,250	1,500	1,500
Tennessee	None	O	Vehicles							240,000	247,000
Tennessee	None	P	Tools and Equipment			5,750	8,750	11,000	13,000	18,500	20,500
Tennessee	SEC	Q	Process Plant Facilities and Equipment			27,500	80,000	80,000	80,000	82,500	87,500
Tennessee	QIIP	R	Capitalized Tank Rehabilitation/Painting			50,000	50,000	50,000	75,000	75,000	100,000
Tennessee	None	S	Engineering Studies			2,500	2,500	5,000	5,000	5,000	5,000
Total Recurring Projects						574,195	845,855	961,105	1,074,735	1,534,403	1,618,510
INVESTMENT PROJECTS											
Tennessee	SEC	I26-020027	Construct 1.0MG Tank & 2500-16" ER (\$1.5)	Total	In Service Date						
Tennessee	QIIP	I26-020034	Tennessee River Crossing (\$2.5)		12/31/2022						
Tennessee	QIIP	I26-020038	Retire Basin 1 (\$0.6)		12/31/2018	163,875	213,875	213,875	213,875	213,875	213,875
Tennessee	QIIP	I26-020039	Repl Basin 2 & Plate Settlers		12/31/2020						
Tennessee	SEC	I26-020040	Chlorine Gas Conversion (\$4.5)		12/31/2019				16,545	27,666	110,453
Tennessee	QIIP	I26-020043	Energy Reduction and Efficiency (\$0.87)		4/1/2020						
Tennessee	SEC	I26-020044	New Raw Water Intake Citico (\$4)		12/31/2020						
Tennessee	QIIP	I26-020045	Remove Filter Bldg 3		6/30/2022						
Tennessee	None	I26-020046	New Field Services Facility (\$5)		3/1/2018						
Tennessee	QIIP	I26-020048	Install 6,900 ft of 8-inch Main on Elder Mountain Rc		12/31/2020				21,930	21,930	21,930
Tennessee	QIIP	I26-020049	Alvin York Hwy Main Replacement (\$1.5)		12/31/2022						
Tennessee	SEC	I26-050001	Raw Water Intake Improvements Whitwell (\$2)		8/30/2023						
Tennessee	SEC	I26-050002	Facility Upgrades at Whitwell WTP (\$0.3)		12/31/2021						
Tennessee	SEC	I26-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$5)		12/31/2017						
Tennessee	SEC	I26-050004	Replace 0.1 MG Storage Tank at Whitwell (\$0.3)		12/31/2021						
Tennessee	No	I26-000002	Post Acquisition BD Capex		12/31/2017	56,083	56,083	56,083	56,083	56,083	56,083
Total Investment Projects						\$219,958	\$269,958	\$269,958	\$308,433	\$319,554	\$402,341
Contributions						(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)
Advances						(58,333)	(58,333)	(58,333)	(58,333)	(58,333)	(58,333)
Total Refunds						29,167	29,167	29,167	29,167	29,167	29,167
Gross						\$804,154	\$1,125,814	\$1,281,064	\$1,463,169	\$2,003,958	\$2,170,852
Net						(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(49,167)
Gross minus Post Acq						\$754,987	\$1,076,647	\$1,231,897	\$1,414,002	\$1,954,791	\$2,121,685
Net minus Post Acq						\$748,070	\$1,069,730	\$1,224,980	\$1,407,085	\$1,947,874	\$2,114,768
						(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(49,167)
						\$698,904	\$1,020,564	\$1,175,814	\$1,357,919	\$1,898,708	\$2,065,602

*Dollar amounts from TAWC's Annual Capital Planning Process

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit	Tennessee
Revision Date	October 7, 2017
Description	TN BP 2018-2022 SCEP

U.S. \$										
Business Unit	Rider	Business Unit No.	Project Title	7	8	9	10	11	12	Total 2017
Tennessee	None	DV	Projects Funded by Others	\$90,000	\$80,000	\$80,000	\$80,000	\$120,000	\$100,000	\$1,000,000
Tennessee	EDI	A	Mains - New	98,000	102,000	78,000	79,500	78,500	77,500	963,000
Tennessee	QIIP	B	Mains - Replaced / Restored	175,000	185,000	170,000	160,000	150,000	140,000	1,725,000
Tennessee	QIIP	C	Mains - Unscheduled	70,500	70,500	40,500	40,500	80,000	100,000	1,029,000
Tennessee	QIIP	D	Mains - Relocated	20,000	15,000	10,000	10,000	5,000		110,000
Tennessee	EDI	E	Hydrants, Valves, and Manholes - New	17,500	16,000	15,000	8,000	5,500	5,000	133,000
Tennessee	QIIP	F	Hydrants, Valves, and Manholes - Replaced	55,000	53,000	46,000	36,000	26,000	16,000	422,000
Tennessee	None	G	Services and Laterals - New	105,250	81,250	101,000	81,000	75,500	50,500	993,000
Tennessee	QIIP	H	Services and Laterals - Replaced	82,200	65,200	55,200	43,000	30,000	26,250	630,250
Tennessee	None	I	Meters - New	35,350	30,350	25,000	20,000	10,600	10,000	237,700
Tennessee	QIIP	J	Meters - Replaced	300,000	300,000	219,545	180,000	100,000	50,000	2,255,940
Tennessee	None	K	ITS Equipment and Systems	164,900	152,680	117,941	122,041	98,164	61,387	1,572,722
Tennessee	SEC	L	SCADA Equipment and Systems	22,000	20,000	15,000	10,000	5,000	4,000	160,000
Tennessee	SEC	M	Security Equipment and Systems	25,000	25,000	10,000	10,000	10,000	2,500	150,000
Tennessee	None	N	Offices and Operations Centers	2,000	1,500	1,000	1,000	1,000	1,000	15,000
Tennessee	None	O	Vehicles		132,000					619,000
Tennessee	None	P	Tools and Equipment	25,500	18,500	13,000	11,000	8,750	5,750	160,000
Tennessee	SEC	Q	Process Plant Facilities and Equipment	90,000	90,000	80,000	80,000	80,000	32,500	890,000
Tennessee	QIIP	R	Capitalized Tank Rehabilitation/Painting	200,000	105,000	100,000	100,000	50,000	45,000	1,000,000
Tennessee	None	S	Engineering Studies	5,000	5,000	5,000	5,000	2,500	2,500	50,000
Total Recurring Projects				1,493,200	1,467,980	1,102,186	997,041	816,514	629,887	13,115,612
INVESTMENT PROJECTS										
Tennessee	SEC	I26-020027	Construct 1.0MG Tank & 2500-16" ER (\$1.5)							
Tennessee	QIIP	I26-020034	Tennessee River Crossing (\$2.5)	200,000	200,000	200,000	200,000	200,000	180,959	2,414,209
Tennessee	QIIP	I26-020038	Retire Basin 1 (\$0.6)							
Tennessee	QIIP	I26-020039	Repl Basin 2 & Plate Settlers	166,056	166,358	166,358	166,358	166,358	1,336,045	2,322,197
Tennessee	SEC	I26-020040	Chlorine Gas Conversion (\$4.5)	55,151	110,603	111,207	194,536	223,168	279,525	974,190
Tennessee	QIIP	I26-020043	Energy Reduction and Efficiency (\$0.87)							
Tennessee	SEC	I26-020044	New Raw Water Intake Citico (\$4)							
Tennessee	QIIP	I26-020045	Remove Filter Bldg 3							
Tennessee	None	I26-020046	New Field Services Facility (\$5)	21,930	21,930	21,930	21,930	21,930	21,931	197,371
Tennessee	QIIP	I26-020048	Install 6,900 ft of 8-inch Main on Elder Mountain Rc							
Tennessee	QIIP	I26-020049	Alvin York Hwy Main Replacement (\$1.5)							
Tennessee	SEC	I26-050001	Raw Water Intake Improvements Whitwell (\$2)							
Tennessee	SEC	I26-050002	Facility Upgrades at Whitwell WTP (\$0.3)							
Tennessee	SEC	I26-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)							
Tennessee	SEC	I26-050004	Replace 0.1 MG Storage Tank at Whitwell (\$0.3)							
Tennessee	No	I26-000002	Post Acquisition BD Capex	56,083	56,083	56,083	56,083	56,083	56,083	673,000
Total Investment Projects				\$499,220	\$554,974	\$555,578	\$638,907	\$667,539	\$1,874,543	\$6,580,967
Contributions				(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(240,000)
Advances				(58,333)	(58,333)	(58,333)	(58,333)	(58,333)	(58,333)	(700,000)
Total Refunds				29,167	29,167	29,167	29,167	29,167	29,167	350,000
Gross				\$2,082,420	\$2,102,954	\$1,737,764	\$1,715,948	\$1,604,053	\$2,604,430	\$20,696,579
				(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(590,000)
Net				\$2,033,253	\$2,053,787	\$1,688,598	\$1,666,782	\$1,554,887	\$2,555,264	\$20,106,579
Gross minus Post Acq				\$2,026,337	\$2,046,871	\$1,681,681	\$1,659,865	\$1,547,970	\$2,548,347	\$20,023,579
				(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(590,000)
Net minus Post Acq				\$1,977,170	\$1,997,704	\$1,632,514	\$1,610,698	\$1,498,803	\$2,499,180	\$19,433,579

*Dollar amounts from TAWC's Annual Capital Planning Process

TENNESSEE-AMERICAN WATER COMPANY
Unanimous Consent of Directors
(Without a Meeting)

I, Nicole Boyd, being the Assistant Secretary of Tennessee-American Water Company ("Company"), do hereby certify that the following Resolutions were duly adopted by Unanimous Consent of the Board of Directors of said Company and that said Resolution has not been rescinded, amended or modified:

WHEREAS, pursuant to the requirements of the Tennessee Regulatory Authority's approved Alternative Regulatory Mechanism, the attached current 2018 Capital Budget is submitted for approval; and

WHEREAS, pursuant to the requirements of the Tennessee Regulatory Authority's approved Alternative Regulatory Mechanism, the 2018 Forecasted QIIP Investment Amount, Forecasted EDI Investment Amount and Forecasted SEC Investment Amount per the attachment are submitted for approval as reflected in the current 2018 Capital Budget; and

NOW THEREFORE BE IT,

RESOLVED, that the current 2018 Capital Budget and Forecasted QIIP Investment Amount, Forecasted EDI Amount and Forecasted SEC Investment Amount, attached hereto as Exhibit A, is hereby approved for filing with the Tennessee Regulatory Authority.

IN WITNESS WHEREOF, I have hereunto set my hand as Assistant Secretary of Tennessee-American Water Company and have caused the corporate seal of said Company to be hereunto affixed, this 6th day of November, 2017.



Nicole Boyd
Assistant Secretary

Tennessee American Water 2018 Capital Recovery Riders
Budgeted Investment Amount (\$k)

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Forecasted Gross Capital Expenditures	748	1,070	1,225	1,407	1,948	2,115	2,026	2,047	1,682	1,660	1,548	2,548	20,024
Qualified Infrastructure Investment Program Rider	454	636	725	846	1,027	1,148	1,269	1,160	1,008	936	807	1,894	11,909
Economic Development Investment Rider	45	76	86	97	101	111	116	118	93	88	84	83	1,096
Safety and Environmental Compliance Rider	35	92	99	105	120	138	192	246	216	295	318	319	2,174

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit	Tennessee	
Revision Date	October 7, 2017	
Description	TN BP 2018-2022 SCEP	

2018

Business Unit	Rider	Business Unit No.	Project Title			1	2	3	4	5	6
Tennessee	None	DV	Projects Funded by Others			\$10,000	\$10,000	\$50,000	\$80,000	\$150,000	\$150,000
Tennessee	EDI	A	Mains - New			40,000	67,500	75,500	85,500	88,000	93,000
Tennessee	QIIP	B	Mains - Replaced / Restored			50,000	100,000	130,000	135,000	160,000	170,000
Tennessee	QIIP	C	Mains - Unscheduled			100,500	110,500	106,000	106,000	103,500	100,500
Tennessee	QIIP	D	Mains - Relocated				5,000	5,000	10,000	15,000	15,000
Tennessee	EDI	E	Hydrants, Valves, and Manholes - New			5,000	8,000	10,500	11,500	13,000	18,000
Tennessee	QIIP	F	Hvdrants, Valves, and Manholes - Replaced			19,500	21,500	23,500	30,500	45,000	50,000
Tennessee	None	G	Services and Laterals - New			50,500	75,500	81,250	85,250	100,500	105,500
Tennessee	QIIP	H	Services and Laterals - Replaced			20,500	35,000	45,200	57,200	85,200	85,300
Tennessee	None	I	Meters - New			5,000	10,000	15,000	20,350	25,350	30,700
Tennessee	QIIP	J	Meters - Replaced			50,000	100,000	151,000	201,500	301,500	302,395
Tennessee	None	K	ITS Equipment and Systems			138,945	158,605	151,905	132,685	137,353	136,115
Tennessee	SEC	L	SCADA Equipment and Systems			5,000	7,000	9,000	15,000	22,500	25,500
Tennessee	SEC	M	Security Equipment and Systems			2,500	5,000	10,000	10,000	15,000	25,000
Tennessee	None	N	Offices and Operations Centers			1,000	1,000	1,250	1,250	1,500	1,500
Tennessee	None	O	Vehicles							240,000	247,000
Tennessee	None	P	Tools and Equipment			5,750	8,750	11,000	13,000	18,500	20,500
Tennessee	SEC	Q	Process Plant Facilities and Equipment			27,500	80,000	80,000	80,000	82,500	87,500
Tennessee	QIIP	R	Capitalized Tank Rehabilitation/Painting			50,000	50,000	50,000	75,000	75,000	100,000
Tennessee	None	S	Engineering Studies			2,500	2,500	5,000	5,000	5,000	5,000
Total Recurring Projects						574,195	845,855	961,105	1,074,735	1,534,403	1,618,510
INVESTMENT PROJECTS											
Tennessee	SEC	I26-020027	Construct 1.0MG Tank & 2500-16" ER (\$1.5)	Total	In Service Date						
Tennessee	QIIP	I26-020034	Tennessee River Crossing (\$2.5)		12/31/2022						
Tennessee	QIIP	I26-020038	Retire Basin 1 (\$0.6)		12/31/2018	163,875	213,875	213,875	213,875	213,875	213,875
Tennessee	QIIP	I26-020039	Repl Basin 2 & Plate Settlers		12/31/2020						
Tennessee	SEC	I26-020040	Chlorine Gas Conversion (\$4.5)		12/31/2019				16,545	27,666	110,453
Tennessee	QIIP	I26-020043	Energy Reduction and Efficiency (\$0.87)		4/1/2020						
Tennessee	SEC	I26-020044	New Raw Water Intake Citico (\$4)		12/31/2020						
Tennessee	QIIP	I26-020045	Remove Filter Bldg 3		6/30/2022						
Tennessee	None	I26-020046	New Field Services Facility (\$5)		3/1/2018						
Tennessee	QIIP	I26-020048	Install 6,900 ft of 8-inch Main on Elder Mountain Rc		12/31/2020				21,930	21,930	21,930
Tennessee	QIIP	I26-020049	Alvin York Hwy Main Replacement (\$1.5)		12/31/2022						
Tennessee	SEC	I26-050001	Raw Water Intake Improvements Whitwell (\$2)		8/30/2023						
Tennessee	SEC	I26-050002	Facility Upgrades at Whitwell WTP (\$0.3)		12/31/2021						
Tennessee	SEC	I26-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$5)		12/31/2017						
Tennessee	SEC	I26-050004	Replace 0.1 MG Storage Tank at Whitwell (\$0.3)		12/31/2021						
Tennessee	No	I26-000002	Post Acquisition BD Capex		12/31/2017	56,083	56,083	56,083	56,083	56,083	56,083
Total Investment Projects						\$219,958	\$269,958	\$269,958	\$308,433	\$319,554	\$402,341
Contributions						(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)
Advances						(58,333)	(58,333)	(58,333)	(58,333)	(58,333)	(58,333)
Total Refunds						29,167	29,167	29,167	29,167	29,167	29,167
Gross						\$804,154	\$1,125,814	\$1,281,064	\$1,463,169	\$2,003,958	\$2,170,852
Net						(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(49,167)
Gross minus Post Acq						\$754,987	\$1,076,647	\$1,231,897	\$1,414,002	\$1,954,791	\$2,121,685
Net minus Post Acq						\$748,070	\$1,069,730	\$1,224,980	\$1,407,085	\$1,947,874	\$2,114,768
Net minus Post Acq						(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(49,167)
Net minus Post Acq						\$698,904	\$1,020,564	\$1,175,814	\$1,357,919	\$1,898,708	\$2,065,602

*Dollar amounts from TAWC's Annual Capital Planning Process

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit	Tennessee
Revision Date	October 7, 2017
Description	TN BP 2018-2022 SCEP

U.S. \$										
Business Unit	Rider	Business Unit No.	Project Title	7	8	9	10	11	12	Total 2017
Tennessee	None	DV	Projects Funded by Others	\$90,000	\$80,000	\$80,000	\$80,000	\$120,000	\$100,000	\$1,000,000
Tennessee	EDI	A	Mains - New	98,000	102,000	78,000	79,500	78,500	77,500	963,000
Tennessee	QIIP	B	Mains - Replaced / Restored	175,000	185,000	170,000	160,000	150,000	140,000	1,725,000
Tennessee	QIIP	C	Mains - Unscheduled	70,500	70,500	40,500	40,500	80,000	100,000	1,029,000
Tennessee	QIIP	D	Mains - Relocated	20,000	15,000	10,000	10,000	5,000		110,000
Tennessee	EDI	E	Hydrants, Valves, and Manholes - New	17,500	16,000	15,000	8,000	5,500	5,000	133,000
Tennessee	QIIP	F	Hydrants, Valves, and Manholes - Replaced	55,000	53,000	46,000	36,000	26,000	16,000	422,000
Tennessee	None	G	Services and Laterals - New	105,250	81,250	101,000	81,000	75,500	50,500	993,000
Tennessee	QIIP	H	Services and Laterals - Replaced	82,200	65,200	55,200	43,000	30,000	26,250	630,250
Tennessee	None	I	Meters - New	35,350	30,350	25,000	20,000	10,600	10,000	237,700
Tennessee	QIIP	J	Meters - Replaced	300,000	300,000	219,545	180,000	100,000	50,000	2,255,940
Tennessee	None	K	ITS Equipment and Systems	164,900	152,680	117,941	122,041	98,164	61,387	1,572,722
Tennessee	SEC	L	SCADA Equipment and Systems	22,000	20,000	15,000	10,000	5,000	4,000	160,000
Tennessee	SEC	M	Security Equipment and Systems	25,000	25,000	10,000	10,000	10,000	2,500	150,000
Tennessee	None	N	Offices and Operations Centers	2,000	1,500	1,000	1,000	1,000	1,000	15,000
Tennessee	None	O	Vehicles		132,000					619,000
Tennessee	None	P	Tools and Equipment	25,500	18,500	13,000	11,000	8,750	5,750	160,000
Tennessee	SEC	Q	Process Plant Facilities and Equipment	90,000	90,000	80,000	80,000	80,000	32,500	890,000
Tennessee	QIIP	R	Capitalized Tank Rehabilitation/Painting	200,000	105,000	100,000	100,000	50,000	45,000	1,000,000
Tennessee	None	S	Engineering Studies	5,000	5,000	5,000	5,000	2,500	2,500	50,000
Total Recurring Projects				1,493,200	1,467,980	1,102,186	997,041	816,514	629,887	13,115,612
INVESTMENT PROJECTS										
Tennessee	SEC	I26-020027	Construct 1.0MG Tank & 2500-16" ER (\$1.5)							
Tennessee	QIIP	I26-020034	Tennessee River Crossing (\$2.5)	200,000	200,000	200,000	200,000	200,000	180,959	2,414,209
Tennessee	QIIP	I26-020038	Retire Basin 1 (\$0.6)							
Tennessee	QIIP	I26-020039	Repl Basin 2 & Plate Settlers	166,056	166,358	166,358	166,358	166,358	1,336,045	2,322,197
Tennessee	SEC	I26-020040	Chlorine Gas Conversion (\$4.5)	55,151	110,603	111,207	194,536	223,168	279,525	974,190
Tennessee	QIIP	I26-020043	Energy Reduction and Efficiency (\$0.87)							
Tennessee	SEC	I26-020044	New Raw Water Intake Citico (\$4)							
Tennessee	QIIP	I26-020045	Remove Filter Bldg 3							
Tennessee	None	I26-020046	New Field Services Facility (\$5)	21,930	21,930	21,930	21,930	21,930	21,931	197,371
Tennessee	QIIP	I26-020048	Install 6,900 ft of 8-inch Main on Elder Mountain Rc							
Tennessee	QIIP	I26-020049	Alvin York Hwy Main Replacement (\$1.5)							
Tennessee	SEC	I26-050001	Raw Water Intake Improvements Whitwell (\$2)							
Tennessee	SEC	I26-050002	Facility Upgrades at Whitwell WTP (\$0.3)							
Tennessee	SEC	I26-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)							
Tennessee	SEC	I26-050004	Replace 0.1 MG Storage Tank at Whitwell (\$0.3)							
Tennessee	No	I26-000002	Post Acquisition BD Capex	56,083	56,083	56,083	56,083	56,083	56,083	673,000
Total Investment Projects				\$499,220	\$554,974	\$555,578	\$638,907	\$667,539	\$1,874,543	\$6,580,967
Contributions				(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(240,000)
Advances				(58,333)	(58,333)	(58,333)	(58,333)	(58,333)	(58,333)	(700,000)
Total Refunds				29,167	29,167	29,167	29,167	29,167	29,167	350,000
Gross				\$2,082,420	\$2,102,954	\$1,737,764	\$1,715,948	\$1,604,053	\$2,604,430	\$20,696,579
				(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(590,000)
Net				\$2,033,253	\$2,053,787	\$1,688,598	\$1,666,782	\$1,554,887	\$2,555,264	\$20,106,579
Gross minus Post Acq				\$2,026,337	\$2,046,871	\$1,681,681	\$1,659,865	\$1,547,970	\$2,548,347	\$20,023,579
				(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(590,000)
Net minus Post Acq				\$1,977,170	\$1,997,704	\$1,632,514	\$1,610,698	\$1,498,803	\$2,499,180	\$19,433,579

*Dollar amounts from TAWC's Annual Capital Planning Process

Changes made to the 2018 file

Item #	Tab	Description of Change
1)	WKP 2016 In-Serviced Actual	2016 amounts are being linked in from docket # 17-00020.
2)	WKP Retires	Retirements for recurring projects are based off rider actuals from 2014-2016.
3)	WKP Retires	Cost of removal less salvage for recurring projects are based off rider actuals from 2014-2016.
4)	WKP Retires	In-service utility account proportions are based off rider actuals from 2014-2016.
5)	WKP Data-COR&Retires	Deleted this tab after changes from #2 and #3
6)	WKP Data-RC Spread	Deleted this tab after changes from #4
7)	WKP 2017 In-Serviced SCEP	Retirements based on 2016 actuals and #2 above
8)	WKP 2017 In-Serviced SCEP	CIAC based on 2016 actuals
9)	WKP 2017 In-Serviced SCEP	COR based on 2016 actuals and #3 above
10)	WKP 2017 In-Serviced SCEP	Moved I26-020034 from in-service of 11/30/2017 to 12/31/18
11)	WKP 2018 In-Serviced SCEP	Moved I26-050002 & I26-050004 from in-service of 04/30/2018 to 1/31/2018 (SCEP in-serv
12)	WKP 2018 In-Serviced SCEP	Portion to account based on rider actuals from 2014-2016 from #4
13)	WKP 2018 In-Serviced SCEP	Updated forecast for I26-050002 & I26-050004 for 2017 amounts.
14)	WKP 2018 In-Serviced SCEP	Retirements based on #5 and #2 above
15)	WKP 2018 In-Serviced SCEP	CIAC based on #8 above
16)	WKP 2018 In-Serviced SCEP	COR based on #7 and #3 above
17)	WKP 2018 In-Serviced SCEP	Changed in-service spend from 3 months to 1 month for recurring main projects
18)	WKP APP Reduction	Added the APP reduction tab from the 2016 reconciliation file in Docket #17-00020
19)	EXH SEC 1	Added lines 21-24 to pulled in the APP reduction calculated from #19
20)	EXH EDI 1	Added lines 21-24 to pulled in the APP reduction calculated from #19
21)	EXH QIIP 1	Added lines 21-24 to pulled in the APP reduction calculated from #19
22)	EXH Avg Impact	Whitwell customer rate impact has been added and Lone Oak has been removed

16.

ice was changed to 12/31/17)

Tennessee American Water
2018 Capital Rider Surcharge Filing

Workbook Name: TAW_APP_SCH1_2018.xlsx

Workbook Information: This workbook calculates the revenue requirement and the capital rider surcharges for the QIIP, SEC and EDI by calculating rate base and the return on rate base (including income taxes), depreciation expense, property taxes, franchise taxes and revenue taxes. The proposed surcharge percentages are calculated by dividing the revenue requirement by the authorized service charge and volumetric revenues.

Worksheet Name	Description / Purpose of Worksheet
1. EXH Summary	1. 2018 Summary of Revenue Requirement as compared to last year
2. EXH Avg Impact	2. 2018 Summary of Revenue Requirement as percentage impact to customer's bills
3. EXH SEC 1	3. 2018 SEC summary of revenue requirement calculation for projects eligible for the Safety and Environmental Compliance Rider
4. EXH SEC 2	4. 2018 SEC detail of revenue requirement calculation for #3
5. EXH EDI 1	5. 2018 EDI summary of revenue requirement calculation for projects eligible for the Economic Development Investment Rider
6. EXH EDI 2	6. 2018 EDI detail of revenue requirement calculation for #5
7. EXH QIIP 1	7. 2018 QIIP summary of revenue requirement calculation for projects eligible for the Qualified Investment Improvement Program Rider
8. EXH QIIP 2	8. 2018 QIIP detail of revenue requirement calculation for #7
9. EXH 2018 SCEP	9. 2018 Strategic Capital Expenditure Plan provided for this year's filing.
10. WKP 2018 In-Serviced SCEP	10. 2018 projected in-serviced costs, retirements, CIAC, cost of removal, depreciation, and tax depreciation for this year's filing based on #9.
11. WKP 2017 In-Serviced SCEP	11. 2017 projected in-serviced costs, retirements, CIAC, cost of removal, depreciation, and tax depreciation for this year's filing based on #12.
12. WKP 2017 SCEP	12. 2017 Strategic Capital Expenditure Plan provided in 2017 surcharge filing
13. WKP 2016 In-Serviced Actual	13. 2016 actual in-serviced costs, retirements, CIAC, cost of removal, depreciation, and tax depreciation from 2016 surcharge reconciliation filing. File TAW Final Version of Exhibits 17-00020_80417.
14. WKP 2016 SCEP	14. 2016 Strategic Capital Expenditure Plan provided in 2016 surcharge filing

Tennessee American Water
2018 Capital Rider Surcharge Filing

Workbook Name: TAW_APP_SCH1_2018.xlsx

Workbook Information: This workbook calculates the revenue requirement and the capital rider surcharges for the QIIP, SEC and EDI by calculating rate base and the return on rate base (including income taxes), depreciation expense, property taxes, franchise taxes and revenue taxes. The proposed surcharge percentages are calculated by dividing the revenue requirement by the authorized service charge and volumetric revenues.

Worksheet Name	Description / Purpose of Worksheet
15. WKP 2015 In-Serviced Actual	15. 2015 actual in-serviced costs, retirements, CIAC, cost of removal, depreciation, and tax depreciation from 2015 surcharge reconciliation filing. File TAW Final Version of Exhibits 16-00022 10_4_16.
16. WKP 2015 SCEP	16. 2015 Strategic Capital Expenditure Plan provided in 2015 surcharge filing
17. WKP 2014 In-Serviced Actual	17. 2014 actual in-serviced costs, retirements, CIAC, cost of removal, depreciation, and tax depreciation (#12) in the same format as the original projected surcharge filing.
18. WKP 2014 SCEP	18. 2014 Strategic Capital Expenditure Plan provided in 2014 surcharge filing
19. WKP 2014 Actuals	19. 2014 actual in-serviced costs and retirements provided in 2014 surcharge reconciliation filing
20. 2014 Actuals Pivot Table	20. Pivot table for data contained in WKP 2014 Actuals worksheet.
21. WKP APP Reduction	21. Capitalized APP reduction based on prior amounts included in the 2016 reconciliation not allowed above the authorized APP amount from the last rate case.
22. WKP Retires	22. Projected retirements and cost of removal based on a three-year average for recurring replacement project types
23. WKP Data-Rates	23. Residential water rates showing meter charge, volumetric rates and flat rate charges.
24. WKP PTR&CF	24. Workpaper for calculating pre-tax rate of return and revenue conversion which is used to calculate the revenue requirement on the net rate base for each capital rider surcharges.
25. WKP CIAC	25. Actual CIAC for years 2012 - 2015 used to project CIAC in current capital rider filing.
26. WKP Data-Acct Master	26. TAWC master chart of account showing SAP and NARUC accounts
27. WKP Depr Rates	27. Current TRA approved depreciation rates used to calculate depreciation expense
28. Total Recon	28. Comparison of Exhibit schedules to WKP 2018 In-Serviced SCEP (#10)
29. WKP Additions Recon	29. Lays out actual and projected SCEP additions by year to the amounts in this year's filing

Tennessee American Water
2018 Capital Rider Surcharge Filing

Workbook Name: TAW_APP_SCH1_2018.xlsx

Workbook Information: This workbook calculates the revenue requirement and the capital rider surcharges for the QIIP, SEC and EDI by calculating rate base and the return on rate base (including income taxes), depreciation expense, property taxes, franchise taxes and revenue taxes. The proposed surcharge percentages are calculated by dividing the revenue requirement by the authorized service charge and volumetric revenues.

Worksheet Name	Description / Purpose of Worksheet
30. WKP Retirements Recon	30. Lays out actual and projected retirements by year to the amounts in this year's filing
31. WKP Removals Recon	31. Lays out actual and projected removals by year to the amounts in this year's filing
32. WKP 2018 In-Serviced SCEP proof	32. Same as #10 without array formulas
33. WKP 2017 In-Serviced SCEP proof	33. Same as #11 without array formulas
34. WKP SEC 2 Proof	34. 2018 SEC detail of revenue requirement calculation for #4 without array formulas
35. WKP EDI 2 Proof	35. 2018 EDI detail of revenue requirement calculation for #6 without array formulas
36. WKP QIIP 2 Proof	36. 2018 EDI detail of revenue requirement calculation for #8 without array formulas

There are four (4) other worksheets that are left blank intentionally and are used to identify and separate the Exhibits, Workpapers, Proof and Reconciliation worksheets.

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**Tennessee American Water Company
Qualified Infrastructure Improvement Program (QIIP)
Economic Development Investment Rider (EDI)
Safety and Environmental Compliance Rider (SEC)
Summary Page**

Line Number	Rate Mechanism	Proposed Revenue Requirement*	Percentage Applied to Bill*	Revenue Requirement as Authorized - 2017 (1)	Percentage Applied to Bill as Authorized (1)	Impact of Proposed Adjustments on Revenue Requirement	Impact of Proposed Adjustments on Bill Percentage
1							
2	QIIP	\$ 5,069,482	10.77%	\$ 3,539,145	7.52%	\$ 1,530,337	3.25%
3							
4	EDI	211,705	0.45%	161,282	0.34%	50,423	0.11%
5							
6	SEC	3,085,842	6.56%	2,868,066	6.09%	217,776	0.47%
7							
8	Total	\$ 8,367,029	17.78%	\$ 6,568,493	13.95%	\$ 1,798,536	3.83%
9							
10							

*Includes Def. Tax, Accum. Depreciation, Forfeited Discount Gross Up

(1) From prior docket #16-00126 order that approved of capital rider surcharges

**Tennessee American Water Company
Qualified Infrastructure Improvement Program (QIIP)
Economic Development Rider (EDR)
Safety and Environmental Compliance Rider (SEC)
Average Residential Bill Impact
5/8" Meter and Usage of 5.55 CCF (or 41.54 100 Gallons)**

[illegible]

**Tennessee American Water
Safety and Environmental Compliance (SEC)
Calculation of SEC Revenue Requirement**

Line Number	Description	SEC Company Totals
1	Additions Subject to SEC:	\$ 22,890,898
2	Plus: Cost of Removal less Salvage	2,747,113
3	Less: Contributions in Aid to Construction (CIAC)	-
4	Less: Deferred Income Taxes	536,803
5	Less: Accumulated Depreciation	1,162,317
6	Net Investment Supplied SEC Additions:	<u>\$ 23,938,891</u>
7		
8	Pre-Tax Rate of Return:	9.45438%
9	Pre-Tax Return on Additions:	<u>\$ 2,263,273</u>
10		
11	Depreciation Expense on SEC Additions:	443,809
12		
13	Operational Expenses Related to SEC	-
14		
15	Property and Franchise Taxes Associated with SEC:	<u>290,150</u>
16		
17	SEC Revenues:	<u>\$ 2,997,232</u>
18		
19	Revenue Taxes	3.191%
20	SEC Revenues with Revenue Taxes	<u>\$ 3,096,026</u>
21		
22	SEC APP Revenue Reduction	<u>(10,183)</u>
23		
24	SEC Revenues with Revenue Taxes & APP Reduction	<u>\$ 3,085,842</u>
25		
26	Service Charge and Volumetric Revenues as Per Docket No. 12-00049	<u>\$ 47,073,724</u>
27		
28	SEC Percentage to Apply to Bill:	<u>6.56%</u>
29		

Tennessee American Water Company
Safety and Environmental Compliance (SEC)
Investment Worksheet

			1	2	3	4	5	B	C
		SEC				=Col 1 + Col 2			
Line #	Investment by Plant Account	Account Description	Additions	Retirements	CIAC	Net Investments (for Property Tax Calculation)	Cost of Removal Net of Salvage	Accumulated Deferred Income Taxes	Accumulated Depreciation
91	343000	Tools, Shop, Garage Equipment							
92	Recurring Projects		\$ 4,064	\$ (3,339)	\$ -	\$ 725	\$ -	\$ (75)	\$ (97)
93	Investment Projects		-	-	-	-	-	-	-
94	Total QIP		<u>\$ 4,064</u>	<u>\$ (3,339)</u>	<u>\$ -</u>	<u>\$ 725</u>	<u>\$ -</u>	<u>\$ (75)</u>	<u>\$ (97)</u>
95									
96	344000	Laboratory Equipment							
97	Recurring Projects		\$ 1,740	\$ (179,515)	\$ -	\$ (177,775)	\$ 1,239	\$ (2,142)	\$ 5,585
98	Investment Projects		-	-	-	-	-	-	-
99	Total QIP		<u>\$ 1,740</u>	<u>\$ (179,515)</u>	<u>\$ -</u>	<u>\$ (177,775)</u>	<u>\$ 1,239</u>	<u>\$ (2,142)</u>	<u>\$ 5,585</u>
100									
101	345000	Power Operated Equipment							
102	Recurring Projects		\$ 50,912	\$ (13,855)	\$ -	\$ 37,057	\$ 2,058	\$ 991	\$ (7,796)
103	Investment Projects		-	-	-	-	-	-	-
104	Total QIP		<u>\$ 50,912</u>	<u>\$ (13,855)</u>	<u>\$ -</u>	<u>\$ 37,057</u>	<u>\$ 2,058</u>	<u>\$ 991</u>	<u>\$ (7,796)</u>
105									
106	346100	Comm Equip Non-Telephone							
107	Recurring Projects		\$ 52,497	\$ -	\$ -	\$ 52,497	\$ -	\$ (10,093)	\$ (7,486)
108	Investment Projects		-	-	-	-	-	-	-
109	Total QIP		<u>\$ 52,497</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 52,497</u>	<u>\$ -</u>	<u>\$ (10,093)</u>	<u>\$ (7,486)</u>
110									
111	346190	Remote Control & Instrument							
112	Recurring Projects		\$ 728,844	\$ (74,085)	\$ -	\$ 654,759	\$ 3,566	\$ (156,145)	\$ (64,763)
113	Investment Projects		-	-	-	-	-	-	-
114	Total		<u>\$ 728,844</u>	<u>\$ (74,085)</u>	<u>\$ -</u>	<u>\$ 654,759</u>	<u>\$ 3,566</u>	<u>\$ (156,145)</u>	<u>\$ (64,763)</u>
115									
116	347000	Misc Equipment							
117	Recurring Projects		\$ 9,525	\$ (2,307)	\$ -	\$ 7,217	\$ 3,114	\$ 188	\$ (1,468)
118	Investment Projects		18,537	-	-	18,537	-	344	(3,109)
119	Total		<u>\$ 28,062</u>	<u>\$ (2,307)</u>	<u>\$ -</u>	<u>\$ 25,754</u>	<u>\$ 3,114</u>	<u>\$ 532</u>	<u>\$ (4,577)</u>
120									
121	Expense:								
122	Chemical Expense for WasteWater handling:		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
123	Electric Power Expense for Wasterwater handling:		-	-	-	-	-	-	-
124	Hauling Expense for Wasterwater handling:		-	-	-	-	-	-	-
125	Total		<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
126									
127	Total		<u>\$ 22,890,898</u>	<u>\$ (1,415,383)</u>	<u>\$ -</u>	<u>\$ 21,475,515</u>	<u>\$ 2,747,113</u>	<u>\$ (536,803)</u>	<u>\$ (1,162,317)</u>

Tennessee American Water Company
 Safety and Environmental Compliance (SEC)
 Investment Worksheet

			6	7	8	9	10	11	12
SEC			=Cols 1 + 3 + 5 + B + C	=Col 6 x 9.454378%	=(Col 1+2+3)x Depreciation Rate	= (Col 4 x Prop Tax Rate) + (Col 4 x Franchise Rate)		=Cols 7 + 8 + 9 + 10	= Col 11 / (1 - 3.191%)
Line #	Investment by Plant Account	Account Description	Earnings Basis Net Investment (Rate Base)	Earnings Basis x Pre-Tax Return (PTR)	Depreciation Expense	Property Tax & Franchise Fees	Operational Expenses	Total Before Revenue Tax	Total With Revenue Tax
91	343000	Tools, Shop, Garage Equipment							
92	Recurring Projects		\$ 3,892	\$ 368	\$ 50	\$ 10	\$ -	\$ 428	\$ 442
93	Investment Projects		-	-	-	-	-	-	-
94	Total QIP		\$ 3,892	\$ 368	\$ 50	\$ 10	\$ -	\$ 428	\$ 442
95									
96	344000	Laboratory Equipment							
97	Recurring Projects		\$ 6,422	\$ 607	\$ (1,796)	\$ (2,402)	\$ -	\$ (3,590)	\$ (3,709)
98	Investment Projects		-	-	-	-	-	-	-
99	Total QIP		\$ 6,422	\$ 607	\$ (1,796)	\$ (2,402)	\$ -	\$ (3,590)	\$ (3,709)
100									
101	345000	Power Operated Equipment							
102	Recurring Projects		\$ 46,166	\$ 4,365	\$ 2,605	\$ 501	\$ -	\$ 7,470	\$ 7,717
103	Investment Projects		-	-	-	-	-	-	-
104	Total QIP		\$ 46,166	\$ 4,365	\$ 2,605	\$ 501	\$ -	\$ 7,470	\$ 7,717
105									
106	346100	Comm Equip Non-Telephone							
107	Recurring Projects		\$ 34,918	\$ 3,301	\$ 2,210	\$ 709	\$ -	\$ 6,221	\$ 6,426
108	Investment Projects		-	-	-	-	-	-	-
109	Total QIP		\$ 34,918	\$ 3,301	\$ 2,210	\$ 709	\$ -	\$ 6,221	\$ 6,426
110									
111	346190	Remote Control & Instrument							
112	Recurring Projects		\$ 511,503	\$ 48,359	\$ 27,565	\$ 8,846	\$ -	\$ 84,771	\$ 87,565
113	Investment Projects		-	-	-	-	-	-	-
114	Total		\$ 511,503	\$ 48,359	\$ 27,565	\$ 8,846	\$ -	\$ 84,771	\$ 87,565
115									
116	347000	Misc Equipment							
117	Recurring Projects		\$ 11,358	\$ 1,074	\$ 457	\$ 98	\$ -	\$ 1,628	\$ 1,682
118	Investment Projects		15,772	1,491	1,173	250	-	2,915	3,011
119	Total		\$ 27,131	\$ 2,565	\$ 1,630	\$ 348	\$ -	\$ 4,543	\$ 4,693
120									
121	Expense:								
122	Chemical Expense for WasteWater handling:		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
123	Electric Power Expense for Wasterwater handling:		-	-	-	-	-	-	-
124	Hauling Expense for Wasterwater handling:		-	-	-	-	-	-	-
125	Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
126									
127	Total		\$ 23,938,891	\$ 2,263,273	\$ 443,809	\$ 290,150	\$ -	\$ 2,997,232	\$ 3,096,026

**Tennessee American Water
Economic Development Investment (EDI)
Calculation of EDI Revenue Requirement**

Line Number	Description	EDI Company Totals
1	Additions Subject to EDI:	\$ 1,747,247
2	Plus: Cost of Removal less Salvage	1,630
3	Less: Contributions in Aid to Construction (CIAC)	3,845
4	Less: Deferred Income Taxes	30,011
5	Less: Accumulated Depreciation	42,834
6	Net Investment Supplied EDI Additions:	<u>\$ 1,672,186</u>
7		
8	Pre-Tax Rate of Return:	<u>9.45438%</u>
9	Pre-Tax Return on Additions:	<u>\$ 158,095</u>
10		
11	Depreciation Expense on EDI Additions:	23,622
12		
13	Operational Expenses Related to EDI	-
14		
15	Property and Franchise Taxes Associated with EDI:	<u>23,586</u>
16		
17	EDI Revenues:	<u>\$ 205,303</u>
18		
19	Revenue Taxes	<u>3.191%</u>
20	EDI Revenues with Revenue Taxes	<u>\$ 212,070</u>
21		
22	EDI APP Revenue Reduction	<u>(365)</u>
23		
24	Total EDI Revenues with Revenue Taxes & APP Reduction	<u>\$ 211,705</u>
25		
26	Service Charge and Volumetric Revenues as Per Docket No. 12-00049	<u>\$ 47,073,724</u>
27		
28	EDI Percentage to Apply to Bill:	<u>0.45%</u>
29		

**Tennessee American Water Company
Economic Development Investment (EDI)
Investment Worksheet**

[illegible]

**Tennessee American Water
Qualified Infrastructure Improvement Program (QIIP)
Calculation of QIIP Revenue Requirement**

Line Number	Description	QIIP Company Totals
1	Additions Subject to QIIP:	\$ 34,400,150
2	Plus: Cost of Removal less Salvage	5,972,190
3	Less: Contributions in Aid to Construction (CIAC)	493,439.61
4	Less: Deferred Income Taxes	343,556
5	Less: Accumulated Depreciation	1,757,871
6	Net Investment Supplied QIIP Additions:	<u>\$ 37,777,474</u>
7		
8	Pre-Tax Rate of Return:	9.45438%
9	Pre-Tax Return on Additions:	<u>\$ 3,571,625</u>
10		
11	Depreciation Expense on QIIP Additions:	911,368
12		
13	Operational Expenses Related to QIIP	-
14		
15	Property and Franchise Taxes Associated with QIIP:	<u>434,284</u>
16		
17	QIIP Revenues:	<u>\$ 4,917,277</u>
18		
19	Revenue Taxes	3.191%
20	QIIP Revenues with Revenue Taxes	<u>\$ 5,079,359</u>
21		
22	QIIP APP Revenue Reduction	<u>(9,877)</u>
23		
24	Total QIIP Revenues with Revenue Taxes & APP Reduction	<u>\$ 5,069,482</u>
25		
26	Service Charge and Volumetric Revenues as Per Docket No. 12-00049	<u>\$ 47,073,724</u>
27		
28	QIIP Percentage to Apply to Bill:	<u>10.77%</u>
29		

Tennessee American Water Company
Qualified Infrastructure Improvement Program (QIIP)
Investment Worksheet

			1	2	3	4	5	B	C
		QIIP				=Col 1 + Col 2			
Line #	Investment by Plant Account	Account Description	Additions	Retirements	CIAC	Net Investments (for Property Tax Calculation)	Cost of Removal Net of Salvage	Accumulated Deferred Income Taxes	Accumulated Depreciation
41	331001	Transmission & Distribution Mains							
42	Recurring Projects		\$ 13,264,727	\$ (544,718)	\$ (493,440)	\$ 12,720,009	\$ 855,047	\$ (304,606)	\$ (311,871)
43	Investment Projects		185,708	-	-	185,708	-	(9,014)	(1,161)
44	Total QIP		<u>\$ 13,450,435</u>	<u>\$ (544,718)</u>	<u>\$ (493,440)</u>	<u>\$ 12,905,718</u>	<u>\$ 855,047</u>	<u>\$ (313,621)</u>	<u>\$ (313,031)</u>
45									
46	333000	Services							
47	Recurring Projects		\$ 2,387,158	\$ (41,972)	\$ -	\$ 2,345,187	\$ 596,298	\$ (56,972)	\$ (56,311)
48	Investment Projects		-	-	-	-	-	-	-
49	Total QIP		<u>\$ 2,387,158</u>	<u>\$ (41,972)</u>	<u>\$ -</u>	<u>\$ 2,345,187</u>	<u>\$ 596,298</u>	<u>\$ (56,972)</u>	<u>\$ (56,311)</u>
50									
51	334100	Meters							
52	Recurring Projects		\$ 614,765	\$ (551,717)	\$ -	\$ 63,048	\$ 212,442	\$ 1,836	\$ (51,442)
53	Investment Projects		-	-	-	-	-	-	-
54	Total QIP		<u>\$ 614,765</u>	<u>\$ (551,717)</u>	<u>\$ -</u>	<u>\$ 63,048</u>	<u>\$ 212,442</u>	<u>\$ 1,836</u>	<u>\$ (51,442)</u>
55									
56	334200	Meter Installations							
57	Recurring Projects		\$ 4,856,129	\$ (44,371)	\$ -	\$ 4,811,757	\$ 1,073,623	\$ (45,748)	\$ (228,146)
58	Investment Projects		-	-	-	-	-	-	-
59	Total QIP		<u>\$ 4,856,129</u>	<u>\$ (44,371)</u>	<u>\$ -</u>	<u>\$ 4,811,757</u>	<u>\$ 1,073,623</u>	<u>\$ (45,748)</u>	<u>\$ (228,146)</u>
60									
61	335000	Hydrants							
62	Recurring Projects		\$ 1,050,719	\$ (142,690)	\$ -	\$ 908,029	\$ 2,494	\$ (16,791)	\$ (42,765)
63	Investment Projects		-	-	-	-	-	-	-
64	Total QIP		<u>\$ 1,050,719</u>	<u>\$ (142,690)</u>	<u>\$ -</u>	<u>\$ 908,029</u>	<u>\$ 2,494</u>	<u>\$ (16,791)</u>	<u>\$ (42,765)</u>
65									
66	Expense:								
67			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
68			-	-	-	-	-	-	-
69			-	-	-	-	-	-	-
70	Total		<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
71									
72	Total		<u>\$ 34,400,150</u>	<u>\$ (2,256,488)</u>	<u>\$ (493,440)</u>	<u>\$ 32,143,662</u>	<u>\$ 5,972,190</u>	<u>\$ (343,556)</u>	<u>\$ (1,757,871)</u>

Investment Worksheet

			6	7	8	9	10	11	12
			=Cols 1 + 3 + 5 + B + C	=Col 6 x 9.454378%	=(Col 1+2+3)x Depreciation Rate	= (Col 4 x Prop Tax Rate) + (Col 4 x Franchise Rate)		=Cols 7 + 8 + 9 + 10	= Col 11 / (1 - 3.191%)
QIIP									
Line #	Investment by Plant Account	Account Description	Earnings Basis Net Investment (Rate Base)	Earnings Basis x Pre-Tax Return (PTR)	Depreciation Expense	Property Tax & Franchise Fees	Operational Expenses	Total Before Revenue Tax	Total With Revenue Tax
1	304300	Struct & Imp-Treatment							
2	Recurring Projects		\$ 8,125	\$ 768	\$ (3,900)	\$ (1,282)	\$ -	\$ (4,414)	\$ (4,560)
3	Investment Projects		7,036,742	665,280	258,853	85,092	-	1,009,225	1,042,491
4	Total QIP		<u>\$ 7,044,868</u>	<u>\$ 666,048</u>	<u>\$ 254,952</u>	<u>\$ 83,810</u>	<u>\$ -</u>	<u>\$ 1,004,811</u>	<u>\$ 1,037,931</u>
5									
6	304301	Struct & Imp-Treatment-Dpr Paint							
7	Recurring Projects		\$ 3,162,001	\$ 298,948	\$ 232,664	\$ 26,065	\$ -	\$ 557,676	\$ 576,058
8	Investment Projects		-	-	-	-	-	-	-
9	Total QIP		<u>\$ 3,162,001</u>	<u>\$ 298,948</u>	<u>\$ 232,664</u>	<u>\$ 26,065</u>	<u>\$ -</u>	<u>\$ 557,676</u>	<u>\$ 576,058</u>
10									
11	320100	WT Equip Non-Media							
12	Recurring Projects		\$ 526,829	\$ 49,808	\$ 2,637	\$ 3,268	\$ -	\$ 55,714	\$ 57,550
13	Investment Projects		2,002,943	189,366	22,855	28,329	-	240,550	248,479
14	Total QIP		<u>\$ 2,529,773</u>	<u>\$ 239,174</u>	<u>\$ 25,492</u>	<u>\$ 31,598</u>	<u>\$ -</u>	<u>\$ 296,264</u>	<u>\$ 306,029</u>
15									
16	320200	Water Trmt Equip Filter Media							
17	Recurring Projects		\$ 455,742	\$ 43,088	\$ 9,714	\$ 390	\$ -	\$ 53,191	\$ 54,944
18	Investment Projects		-	-	-	-	-	-	-
19	Total QIP		<u>\$ 455,742</u>	<u>\$ 43,088</u>	<u>\$ 9,714</u>	<u>\$ 390</u>	<u>\$ -</u>	<u>\$ 53,191</u>	<u>\$ 54,944</u>
20									
21	330000	Dist Reservoirs & Standpipes							
22	Recurring Projects		\$ 24,518	\$ 2,318	\$ 856	\$ 556	\$ -	\$ 3,729	\$ 3,852
23	Investment Projects		-	-	-	-	-	-	-
24	Total QIP		<u>\$ 24,518</u>	<u>\$ 2,318</u>	<u>\$ 856</u>	<u>\$ 556</u>	<u>\$ -</u>	<u>\$ 3,729</u>	<u>\$ 3,852</u>
25									
26	330003	Tank Repainting							
27	Recurring Projects		\$ 922,132	\$ 87,182	\$ 45,123	\$ 5,502	\$ -	\$ 137,807	\$ 142,350
28	Investment Projects		-	-	-	-	-	-	-
29	Total QIP		<u>\$ 922,132</u>	<u>\$ 87,182</u>	<u>\$ 45,123</u>	<u>\$ 5,502</u>	<u>\$ -</u>	<u>\$ 137,807</u>	<u>\$ 142,350</u>
30									
31	330100	Elevated Tanks & Standpipes							
32	Recurring Projects		\$ 154,751	\$ 14,631	\$ 4,439	\$ 2,189	\$ -	\$ 21,258	\$ 21,959
33	Investment Projects		-	-	-	-	-	-	-
34	Total QIP		<u>\$ 154,751</u>	<u>\$ 14,631</u>	<u>\$ 4,439</u>	<u>\$ 2,189</u>	<u>\$ -</u>	<u>\$ 21,258</u>	<u>\$ 21,959</u>
35									
36	330200	Ground Level Tanks							
37	Recurring Projects		\$ 1,008	\$ 95	\$ (12)	\$ (6)	\$ -	\$ 77	\$ 80
38	Investment Projects		-	-	-	-	-	-	-
39	Total QIP		<u>\$ 1,008</u>	<u>\$ 95</u>	<u>\$ (12)</u>	<u>\$ (6)</u>	<u>\$ -</u>	<u>\$ 77</u>	<u>\$ 80</u>

Tennessee American Water Company
Qualified Infrastructure Improvement Program (QIIP)
Investment Worksheet

			6	7	8	9	10	11	12
			=Cols 1 + 3 + 5 + B + C	=Col 6 x 9.454378%	=(Col 1+2+3)x Depreciation Rate	= (Col 4 x Prop Tax Rate) + (Col 4 x Franchise Rate)		=Cols 7 + 8 + 9 + 10	= Col 11 / (1 - 3.191%)
QIIP									
Line #	Investment by Plant Account	Account Description	Earnings Basis Net Investment (Rate Base)	Earnings Basis x Pre-Tax Return (PTR)	Depreciation Expense	Property Tax & Franchise Fees	Operational Expenses	Total Before Revenue Tax	Total With Revenue Tax
41	331001	Transmission & Distribution Mains							
42	Recurring Projects		\$ 13,009,857	\$ 1,230,001	\$ 152,832	\$ 171,856	\$ -	\$ 1,554,690	\$ 1,605,935
43	Investment Projects		175,533	16,596	2,321	2,509	-	21,426	22,132
44	Total QIP		<u>\$ 13,185,390</u>	<u>\$ 1,246,597</u>	<u>\$ 155,153</u>	<u>\$ 174,366</u>	<u>\$ -</u>	<u>\$ 1,576,116</u>	<u>\$ 1,628,067</u>
45									
46	333000	Services							
47	Recurring Projects		\$ 2,870,173	\$ 271,357	\$ 26,032	\$ 31,685	\$ -	\$ 329,074	\$ 339,921
48	Investment Projects		-	-	-	-	-	-	-
49	Total QIP		<u>\$ 2,870,173</u>	<u>\$ 271,357</u>	<u>\$ 26,032</u>	<u>\$ 31,685</u>	<u>\$ -</u>	<u>\$ 329,074</u>	<u>\$ 339,921</u>
50									
51	334100	Meters							
52	Recurring Projects		\$ 777,602	\$ 73,517	\$ 4,710	\$ 852	\$ -	\$ 79,079	\$ 81,685
53	Investment Projects		-	-	-	-	-	-	-
54	Total QIP		<u>\$ 777,602</u>	<u>\$ 73,517</u>	<u>\$ 4,710</u>	<u>\$ 852</u>	<u>\$ -</u>	<u>\$ 79,079</u>	<u>\$ 81,685</u>
55									
56	334200	Meter Installations							
57	Recurring Projects		\$ 5,655,858	\$ 534,726	\$ 131,361	\$ 65,010	\$ -	\$ 731,097	\$ 755,196
58	Investment Projects		-	-	-	-	-	-	-
59	Total QIP		<u>\$ 5,655,858</u>	<u>\$ 534,726</u>	<u>\$ 131,361</u>	<u>\$ 65,010</u>	<u>\$ -</u>	<u>\$ 731,097</u>	<u>\$ 755,196</u>
60									
61	335000	Hydrants							
62	Recurring Projects		\$ 993,658	\$ 93,944	\$ 20,885	\$ 12,268	\$ -	\$ 127,097	\$ 131,286
63	Investment Projects		-	-	-	-	-	-	-
64	Total QIP		<u>\$ 993,658</u>	<u>\$ 93,944</u>	<u>\$ 20,885</u>	<u>\$ 12,268</u>	<u>\$ -</u>	<u>\$ 127,097</u>	<u>\$ 131,286</u>
65									
66	Expense:								
67			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
68			-	-	-	-	-	-	-
69			-	-	-	-	-	-	-
70	Total		<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
71									
72	Total		<u>\$ 37,777,474</u>	<u>\$ 3,571,625</u>	<u>\$ 911,368</u>	<u>\$ 434,284</u>	<u>\$ -</u>	<u>\$ 4,917,277</u>	<u>\$ 5,079,359</u>

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit	Tennessee	
Revision Date	October 7, 2017	
Description	TN BP 2018-2022 SCEP	

2018

Business Unit	Rider	Business Unit No.	Project Title			1	2	3	4	5	6
Tennessee	None	DV	Projects Funded by Others			\$10,000	\$10,000	\$50,000	\$80,000	\$150,000	\$150,000
Tennessee	EDI	A	Mains - New			40,000	67,500	75,500	85,500	88,000	93,000
Tennessee	QIIP	B	Mains - Replaced / Restored			50,000	100,000	130,000	135,000	160,000	170,000
Tennessee	QIIP	C	Mains - Unscheduled			100,500	110,500	106,000	106,000	103,500	100,500
Tennessee	QIIP	D	Mains - Relocated				5,000	5,000	10,000	15,000	15,000
Tennessee	EDI	E	Hydrants, Valves, and Manholes - New			5,000	8,000	10,500	11,500	13,000	18,000
Tennessee	QIIP	F	Hvdrants, Valves, and Manholes - Replaced			19,500	21,500	23,500	30,500	45,000	50,000
Tennessee	None	G	Services and Laterals - New			50,500	75,500	81,250	85,250	100,500	105,500
Tennessee	QIIP	H	Services and Laterals - Replaced			20,500	35,000	45,200	57,200	85,200	85,300
Tennessee	None	I	Meters - New			5,000	10,000	15,000	20,350	25,350	30,700
Tennessee	QIIP	J	Meters - Replaced			50,000	100,000	151,000	201,500	301,500	302,395
Tennessee	None	K	ITS Equipment and Systems			138,945	158,605	151,905	132,685	137,353	136,115
Tennessee	SEC	L	SCADA Equipment and Systems			5,000	7,000	9,000	15,000	22,500	25,500
Tennessee	SEC	M	Security Equipment and Systems			2,500	5,000	10,000	10,000	15,000	25,000
Tennessee	None	N	Offices and Operations Centers			1,000	1,000	1,250	1,250	1,500	1,500
Tennessee	None	O	Vehicles							240,000	247,000
Tennessee	None	P	Tools and Equipment			5,750	8,750	11,000	13,000	18,500	20,500
Tennessee	SEC	Q	Process Plant Facilities and Equipment			27,500	80,000	80,000	80,000	82,500	87,500
Tennessee	QIIP	R	Capitalized Tank Rehabilitation/Painting			50,000	50,000	50,000	75,000	75,000	100,000
Tennessee	None	S	Engineering Studies			2,500	2,500	5,000	5,000	5,000	5,000
Total Recurring Projects						574,195	845,855	961,105	1,074,735	1,534,403	1,618,510
INVESTMENT PROJECTS											
Tennessee	SEC	I26-020027	Construct 1.0MG Tank & 2500-16" ER (\$1.5)	Total	In Service Date						
Tennessee	QIIP	I26-020034	Tennessee River Crossing (\$2.5)		12/31/2022	163,875	213,875	213,875	213,875	213,875	213,875
Tennessee	QIIP	I26-020038	Retire Basin 1 (\$0.6)		12/31/2020						
Tennessee	QIIP	I26-020039	Repl Basin 2 & Plate Settlers		12/31/2019				16,545	27,666	110,453
Tennessee	SEC	I26-020040	Chlorine Gas Conversion (\$4.5)		4/1/2020						
Tennessee	QIIP	I26-020043	Energy Reduction and Efficiency (\$0.87)		12/31/2020						
Tennessee	SEC	I26-020044	New Raw Water Intake Citico (\$4)		6/30/2022						
Tennessee	QIIP	I26-020045	Remove Filter Bldg 3		3/1/2018						
Tennessee	None	I26-020046	New Field Services Facility (\$5)		12/31/2020				21,930	21,930	21,930
Tennessee	QIIP	I26-020048	Install 6,900 ft of 8-inch Main on Elder Mountain Rc		12/31/2022						
Tennessee	QIIP	I26-020049	Alvin York Hwy Main Replacement (\$1.5)		8/30/2023						
Tennessee	SEC	I26-050001	Raw Water Intake Improvements Whitwell (\$2)		12/31/2021						
Tennessee	SEC	I26-050002	Facility Upgrades at Whitwell WTP (\$0.3)		12/31/2017						
Tennessee	SEC	I26-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$5)		12/31/2021						
Tennessee	SEC	I26-050004	Replace 0.1 MG Storage Tank at Whitwell (\$0.3)		12/31/2017						
Tennessee	No	I26-000002	Post Acquisition BD Capex			56,083	56,083	56,083	56,083	56,083	56,083
Total Investment Projects						\$219,958	\$269,958	\$269,958	\$308,433	\$319,554	\$402,341
Contributions						(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)
Advances						(58,333)	(58,333)	(58,333)	(58,333)	(58,333)	(58,333)
Total Refunds						29,167	29,167	29,167	29,167	29,167	29,167
Gross						\$804,154	\$1,125,814	\$1,281,064	\$1,463,169	\$2,003,958	\$2,170,852
Net						(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(49,167)
Gross minus Post Acq						\$748,070	\$1,069,730	\$1,224,980	\$1,407,085	\$1,947,874	\$2,114,768
Net minus Post Acq						(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(49,167)
Net minus Post Acq						\$698,904	\$1,020,564	\$1,175,814	\$1,357,919	\$1,898,708	\$2,065,602

*Dollar amounts from TAWC's Annual Capital Planning Process

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit	Tennessee
Revision Date	October 7, 2017
Description	TN BP 2018-2022 SCEP

U.S. \$										
Business Unit	Rider	Business Unit No.	Project Title	7	8	9	10	11	12	Total 2018
Tennessee	None	DV	Projects Funded by Others	\$90,000	\$80,000	\$80,000	\$80,000	\$120,000	\$100,000	\$1,000,000
Tennessee	EDI	A	Mains - New	98,000	102,000	78,000	79,500	78,500	77,500	963,000
Tennessee	QIIP	B	Mains - Replaced / Restored	175,000	185,000	170,000	160,000	150,000	140,000	1,725,000
Tennessee	QIIP	C	Mains - Unscheduled	70,500	70,500	40,500	40,500	80,000	100,000	1,029,000
Tennessee	QIIP	D	Mains - Relocated	20,000	15,000	10,000	10,000	5,000		110,000
Tennessee	EDI	E	Hydrants, Valves, and Manholes - New	17,500	16,000	15,000	8,000	5,500	5,000	133,000
Tennessee	QIIP	F	Hydrants, Valves, and Manholes - Replaced	55,000	53,000	46,000	36,000	26,000	16,000	422,000
Tennessee	None	G	Services and Laterals - New	105,250	81,250	101,000	81,000	75,500	50,500	993,000
Tennessee	QIIP	H	Services and Laterals - Replaced	82,200	65,200	55,200	43,000	30,000	26,250	630,250
Tennessee	None	I	Meters - New	35,350	30,350	25,000	20,000	10,600	10,000	237,700
Tennessee	QIIP	J	Meters - Replaced	300,000	300,000	219,545	180,000	100,000	50,000	2,255,940
Tennessee	None	K	ITS Equipment and Systems	164,900	152,680	117,941	122,041	98,164	61,387	1,572,722
Tennessee	SEC	L	SCADA Equipment and Systems	22,000	20,000	15,000	10,000	5,000	4,000	160,000
Tennessee	SEC	M	Security Equipment and Systems	25,000	25,000	10,000	10,000	10,000	2,500	150,000
Tennessee	None	N	Offices and Operations Centers	2,000	1,500	1,000	1,000	1,000	1,000	15,000
Tennessee	None	O	Vehicles		132,000					619,000
Tennessee	None	P	Tools and Equipment	25,500	18,500	13,000	11,000	8,750	5,750	160,000
Tennessee	SEC	Q	Process Plant Facilities and Equipment	90,000	90,000	80,000	80,000	80,000	32,500	890,000
Tennessee	QIIP	R	Capitalized Tank Rehabilitation/Painting	200,000	105,000	100,000	100,000	50,000	45,000	1,000,000
Tennessee	None	S	Engineering Studies	5,000	5,000	5,000	5,000	2,500	2,500	50,000
Total Recurring Projects				1,493,200	1,467,980	1,102,186	997,041	816,514	629,887	13,115,612
INVESTMENT PROJECTS										
Tennessee	SEC	I26-020027	Construct 1.0MG Tank & 2500-16" ER (\$1.5)							
Tennessee	QIIP	I26-020034	Tennessee River Crossing (\$2.5)	200,000	200,000	200,000	200,000	200,000	180,959	2,414,209
Tennessee	QIIP	I26-020038	Retire Basin 1 (\$0.6)							
Tennessee	QIIP	I26-020039	Repl Basin 2 & Plate Settlers	166,056	166,358	166,358	166,358	166,358	1,336,045	2,322,197
Tennessee	SEC	I26-020040	Chlorine Gas Conversion (\$4.5)	55,151	110,603	111,207	194,536	223,168	279,525	974,190
Tennessee	QIIP	I26-020043	Energy Reduction and Efficiency (\$0.87)							
Tennessee	SEC	I26-020044	New Raw Water Intake Citico (\$4)							
Tennessee	QIIP	I26-020045	Remove Filter Bldg 3							
Tennessee	None	I26-020046	New Field Services Facility (\$5)	21,930	21,930	21,930	21,930	21,930	21,931	197,371
Tennessee	QIIP	I26-020048	Install 6,900 ft of 8-inch Main on Elder Mountain Rc							
Tennessee	QIIP	I26-020049	Alvin York Hwy Main Replacement (\$1.5)							
Tennessee	SEC	I26-050001	Raw Water Intake Improvements Whitwell (\$2)							
Tennessee	SEC	I26-050002	Facility Upgrades at Whitwell WTP (\$0.3)							
Tennessee	SEC	I26-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)							
Tennessee	SEC	I26-050004	Replace 0.1 MG Storage Tank at Whitwell (\$0.3)							
Tennessee	No	I26-000002	Post Acquisition BD Capex	56,083	56,083	56,083	56,083	56,083	56,083	673,000
Total Investment Projects				\$499,220	\$554,974	\$555,578	\$638,907	\$667,539	\$1,874,543	\$6,580,967
Contributions				(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(240,000)
Advances				(58,333)	(58,333)	(58,333)	(58,333)	(58,333)	(58,333)	(700,000)
Total Refunds				29,167	29,167	29,167	29,167	29,167	29,167	350,000
Gross				\$2,082,420	\$2,102,954	\$1,737,764	\$1,715,948	\$1,604,053	\$2,604,430	\$20,696,579
				(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(590,000)
Net				\$2,033,253	\$2,053,787	\$1,688,598	\$1,666,782	\$1,554,887	\$2,555,264	\$20,106,579
Gross minus Post Acq				\$2,026,337	\$2,046,871	\$1,681,681	\$1,659,865	\$1,547,970	\$2,548,347	\$20,023,579
				(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(590,000)
Net minus Post Acq				\$1,977,170	\$1,997,704	\$1,632,514	\$1,610,698	\$1,498,803	\$2,499,180	\$19,433,579

*Dollar amounts from TAWC's Annual Capital Planning Process

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Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date July 5, 2017
Description TN BP 2018-2022 SCEP

Line #	Business Unit No.	Project Title	Account	Account Description	Portion to Account	In-Service (Months) (2)	Dep Rate	Prior Year Period 11 Spend	Prior Year Period 12 Spend	2017 SCEP Reforecast	Prior 2017 SCEP In-Serviced
1		RECURRING PROJECTS									
2	TN	DV		Projects Funded by Others							
3	TN	DV	331001	Transmission & Distribution Mains	0.0%	1	1.25%	120,000	100,000		\$ -
4	TN	DV	333000	Services	0.0%	1	1.11%	120,000	100,000		-
5			335000	Hydrants	0.0%	1	2.30%	120,000	100,000		-
6	TN	A	331001	Transmission & Distribution Mains	92.5%	1	1.25%	-	-		884,264
7	TN	A	333000	Services	0.9%	1	1.11%				8,513
8	TN	A	334300	Meter Vaults	2.8%	1	2.73%				26,895
9	TN	A	335000	Hydrants	3.8%	1	2.30%				36,543
10											
11	TN	B	331001	Transmission & Distribution Mains	92.3%	1	1.25%	110,867	105,975		4,841,291
12	TN	B	333000	Services	6.5%	1	1.11%	110,867	105,975		341,438
13	TN	B	335000	Hydrants	1.2%	1	2.30%	110,867	105,975		63,004
14											
15	TN	C	331001	Transmission & Distribution Mains	99.9%	1	1.25%	84,968	110,621		5,171,202
16	TN	C	335000	Hydrants	0.1%	1	2.30%				6,195
17											
18	TN	D	331001	Transmission & Distribution Mains	99.2%	1	1.25%	-	-		1,644,642
19	TN	D	333000	Services	0.1%	1	1.11%	-	-		1,425
20	TN	D	335000	Hydrants	0.8%	1	2.30%	-	-		12,423
21											
22	TN	E	331001	Transmission & Distribution Mains	78.0%	1	1.25%				205,518
23	TN	E	335000	Hydrants	22.0%	1	2.30%				58,090
24											
25	TN	F	331001	Transmission & Distribution Mains	21.8%	1	1.25%				222,157
26	TN	F	335000	Hydrants	78.3%	1	2.30%				799,345
27											
28	TN	G	333000	Services	0.0%	1	1.11%				-
29											
30	TN	H	333000	Services	99.6%	1	1.11%				1,676,281
31	TN	H	334100	Meters	0.4%	1	7.47%				6,525
32											
33	TN	I	334100	Meters	0.0%	1	7.47%				-
34	TN	I	334200	Meter Installations	0.0%	1	2.73%				-
35											
36	TN	J	334100	Meters	11.1%	1	7.47%				482,906
37	TN	J	334200	Meter Installations	88.9%	1	2.73%				3,863,265
38											
39	TN	K	340200	Computer & Peripheral Equipment	0.0%	1	2.19%				-
40											
41	TN	L	320100	WT Equip Non-Media	29.0%	1	1.09%				319,034
42	TN	L	340200	Computer & Peripheral Equipment	5.3%	1	2.19%				58,659
43	TN	L	346100	Comm Equip Non-Telephone	4.4%	1	4.21%				48,889
44	TN	L	346190	Remote Control & Instrument	61.3%	1	4.21%				674,788
45											
46	TN	M	304300	Structures & Improvement - Treatment	79.3%	1	4.11%				301,859
47	TN	M	304400	Struct & Imp-Treatment-T&D	18.2%	1	2.13%				69,243
48	TN	M	304500	Structures & Improvement - General	2.6%	1	1.13%				9,791
49											
50	TN	N	304500	Structures & Improvement - General	0.0%	1	1.13%				-

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date July 5, 2017
Description TN BP 2018-2022 SCEP

Line #	Business Unit No.		Project Title	Account	Account Description	Portion to Account	In-Service (Months) (2)	Dep Rate	Prior Year Period 11 Spend	Prior Year Period 12 Spend	2017 SCEP Reforecast	Prior 2017 SCEP In-Serviced
51												
52	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks	0.0%	1	16.00%				-
53	TN	O		341200	Transportation Equip Hvy Duty Trucks	0.0%	1	16.62%				-
54	TN	O		341300	Transportation Equip Autos	0.0%	1	11.38%				-
55												
56	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment	0.0%	1	6.89%				-
57												
58	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	5.6%	1	1.98%				267,719
59	TN	Q		304200	Struct & Imp-Pumping	8.8%	1	1.98%				421,182
60	TN	Q		304300	Struct & Imp-Treatment	0.5%	1	4.11%				24,126
61	TN	Q		304400	Struct & Imp-Treatment-T&D	0.6%	1	2.13%				28,799
62	TN	Q		304500	Structures & Improvement - General	0.7%	1	1.13%				31,093
63	TN	Q		304700	Struct & Imp-Store,Shop,Garage	0.0%	1	0.73%				-
64	TN	Q		306000	Lake, River & Other Intakes	0.6%	1	0.83%				27,211
65	TN	Q		309000	Supply Mains	0.2%	1	1.87%				11,058
66	TN	Q		310000	Power Generation Equip	0.6%	1	12.33%				28,134
67	TN	Q		311200	Pump Eqp Electric	0.5%	1	2.45%				23,662
68	TN	Q		311520	Pumping Equipment SOS	20.1%	1	1.83%				956,994
69	TN	Q		320100	WT Equip Non-Media	44.1%	1	1.09%				2,099,468
70	TN	Q		320200	Water Trmt Equip Filter Media	16.4%	1	33.69%				781,336
71	TN	Q		330000	Dist Reservoirs & Standpipes	0.0%	1	2.08%				-
72	TN	Q		331001	Transmission & Distribution Mains	0.0%	1	1.25%				-
73	TN	Q		334100	Meters	0.0%	1	7.47%				-
74	TN	Q		340200	Computer & Peripheral Equipment	0.0%	1	2.19%				-
75	TN	Q		343000	Tools, Shop, Garage Equipment	0.1%	1	6.89%				3,710
76	TN	Q		344000	Laboratory Equipment	0.0%	1	1.01%				1,608
77	TN	Q		345000	Power Operated Equipment	1.0%	1	7.03%				46,581
78	TN	Q		346190	Remote Control & Instrument	0.1%	1	4.21%				3,918
79	TN	Q		347000	Misc Equipment	0.2%	1	6.33%				8,729
80												
81	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	0.0%	1	4.11%				-
82	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	62.1%	1	12.06%				1,939,632
83	TN	R		320100	WT Equip Non-Media	12.9%	1	1.09%				403,138
84	TN	R		320200	Water Trmt Equip Filter Media	2.6%	1	33.69%				81,825
85	TN	R		330000	Dist Reservoirs & Standpipes	1.1%	1	2.08%				35,701
86	TN	R		330003	Tank Repainting	16.8%	1	11.08%				524,446
87	TN	R		330100	Elevated Tanks & Standpipes	4.5%	1	2.74%				140,555
88	TN	R		330200	Ground Level Tanks	0.0%	1	2.74%				-
89												
90	TN	S	Engineering Studies	331001	Transmission & Distribution Mains	0.0%	1	1.25%				-
91			Total Recurring Projects									
92												
93			ACQUISITIONS									
94												
95			Total Acquisitions									
96												
97			CENTRALLY SPONSORED PROJECTS									
98	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		1	10.00%				-
99	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		1	10.00%				-
100			Total Centrally Sponsored Projects									

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101											
102		INVESTMENT PROJECTS							Inception to Date Spend	2017 SCEP Reforecast	
103	TN	I26-020017		Electrical Motor Efficiency Enhancement (\$2.9)							-
104	TN	I26-020027		Construct 1.0MG Tank & 2500-16" ER (\$1.0)		12/31/2022					-
105	TN	I26-020028	304300	Citico Plant Improvements Phase 1B (\$8.6)		6/1/2016	4.11%				6,290,400
106	TN	I26-020028	320100	WT Equip Non-Media		6/1/2016	1.09%				2,096,800
107	TN	I26-020032	304200	Wastewater Treatm't & Handling Impr (\$15.3)		11/1/2015	1.98%				14,597
108	TN	I26-020032	304300	Struct & Imp-Treatment		11/1/2015	4.11%				394,579
109	TN	I26-020032	304400	Struct & Imp-T&D		11/1/2015	2.13%				-
110	TN	I26-020032	304500	Structures & Improvement - General		11/1/2015	1.13%				9,103,923
111	TN	I26-020032	320100	WT Equip Non-Media		11/1/2015	1.09%				5,988,538
112	TN	I26-020032	330200	Ground Level Tanks		11/1/2015	2.74%				45,429
113	TN	I26-020032	347000	Misc Equipment		11/1/2015	6.33%				18,537
114	TN	I26-020034	331001	Tennessee River Crossing (\$2.5)		12/31/2018	1.25%				-
115	TN	I26-020038	304300	Retire Basin 1		12/31/2020	4.11%				-
116	TN	I26-020039		Repl Basin 2 & Plate Settlers		12/31/2019					-
117	TN	I26-020040		Chlorine Gas Conversion		4/1/2020					-
118	TN	I26-020041	311200	Electrical - Breakers and Relays (\$0.6)			2.45%				-
119	TN	I26-020042		Pumping Auxiliary Power (\$1.4)							-
120	TN	I26-020043		Energy Reduction and Efficiency (\$0.87)		12/31/2020					-
121	TN	I26-020044		New Raw Water Intake Citico (\$13)		6/30/2022					-
122	TN	I26-020045	304300	Remove Filter Bldg 3		3/1/2018	4.11%				-
123	TN	I26-020046		New Field Services Facility (\$4.5)		12/31/2020					-
124	TN	I26-050001		Raw Water Intake Improvements Whitwell (\$2)		12/31/2021					-
125	TN	I26-050002	320100	Facility Upgrades at Whitwell WTP (\$0.3)		12/31/2017	1.09%			101,836	-
126	TN	I26-050003		Replace 0.5 MG Storage Tanks at Whitwell (\$.5)		12/31/2021					-
127	TN	I26-050004	330200	Replace 0.1 MG Storage Tank at Whitwell (\$0.3)		12/31/2017	2.74%			88,569	-
128	TN	I26-020002		Post Acquisition BD Capex							-
129	TN	I26-000001	331001	Whitwell Acquisition Capital Investment		12/31/2014	1.25%				-
130	TN	I26-000001	320200	Water Trmt Equip Filter Media		12/31/2014	33.69%				-
131	TN	I26-000001	311520	Pumping Equipment SOS		12/31/2014	1.83%				-
132	TN	I26-000001	340200	Computer & Peripheral Equipment		12/31/2014	2.19%				-
133											
134		(1) Amounts not reflected in actuals through 2016 or		Total DV Included:						\$	53,677,612
135		projections based on project costs through 2018									
136				Total DV Excluded:						\$	53,677,612
137		(2) From actual or estimated in-service data provided by the company.									
138				Total Surcharge Amt:						\$	53,677,612
139		(3) Tax depreciation rates utilized by the company.									
140				SEC Total:						\$	21,813,192
141											
142				EDI Total:						\$	1,219,824
143											
144				QIIP Total:						\$	30,644,596
145											

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**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit Tennessee
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Description TN BP 2018-2022 SCEP

Line #	Business Unit No.		Project Title	Account	Account Description	Cumulative Balance of In-Serviced Plant, from 2018 Capex, by Period					
						1	2	3	4	5	6
1			RECURRING PROJECTS								
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3	TN	DV		333000	Services	-	-	-	-	-	-
4	TN	DV		335000	Hydrants	-	-	-	-	-	-
5											
6	TN	A	Mains - New	331001	Transmission & Distribution Mains	921,256	983,680	1,053,503	1,132,573	1,213,956	1,299,962
7	TN	A		333000	Services	8,869	9,470	10,142	10,903	11,686	12,514
8	TN	A		334300	Meter Vaults	28,019	29,915	32,037	34,440	36,912	39,526
9	TN	A		335000	Hydrants	38,071	40,650	43,534	46,800	50,162	53,714
10											
11	TN	B	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	4,887,436	4,979,726	5,099,703	5,224,295	5,371,959	5,528,852
12	TN	B		333000	Services	344,693	351,203	359,666	368,455	378,871	389,938
13	TN	B		335000	Hydrants	63,604	64,804	66,364	67,984	69,904	71,944
14											
15	TN	C	Mains - Unscheduled	331001	Transmission & Distribution Mains	5,271,581	5,381,949	5,487,821	5,593,694	5,697,070	5,797,449
16	TN	C		335000	Hydrants	6,316	6,448	6,575	6,703	6,827	6,947
17											
18	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains	1,644,642	1,649,600	1,654,558	1,664,474	1,679,348	1,694,222
19	TN	D		333000	Services	1,425	1,429	1,434	1,443	1,456	1,470
20	TN	D		335000	Hydrants	12,423	12,460	12,498	12,573	12,685	12,798
21											
22	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	209,416	215,652	223,838	232,804	242,938	256,971
23	TN	E		335000	Hydrants	59,192	60,956	63,270	65,804	68,670	72,637
24											
25	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	226,398	231,074	236,186	242,819	252,607	263,482
26	TN	F		335000	Hydrants	814,603	831,427	849,816	873,682	908,895	948,020
27											
28	TN	G	Services and Laterals - New	333000	Services	-	-	-	-	-	-
29											
30	TN	H	Services and Laterals - Replaced	333000	Services	1,696,701	1,731,565	1,776,588	1,833,565	1,918,433	2,003,400
31	TN	H		334100	Meters	6,605	6,742	6,918	7,141	7,473	7,806
32											
33	TN	I	Meters - New	334100	Meters	-	-	-	-	-	-
34	TN	I		334200	Meter Installations	-	-	-	-	-	-
35											
36	TN	J	Meters - Replaced	334100	Meters	488,461	499,571	516,348	538,734	572,231	605,827
37	TN	J		334200	Meter Installations	3,907,710	3,996,600	4,130,824	4,309,938	4,577,941	4,846,740
38											
39	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment	-	-	-	-	-	-
40											
41	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media	320,483	322,511	325,118	329,464	335,982	343,369
42	TN	L		340200	Computer & Peripheral Equipment	58,925	59,299	59,778	60,578	61,777	63,136
43	TN	L		346100	Comm Equip Non-Telephone	49,111	49,422	49,821	50,487	51,486	52,619
44	TN	L		346190	Remote Control & Instrument	677,851	682,139	687,652	696,841	710,625	726,246
45											
46	TN	M	Security Equipment and Systems	304300	Structures & Improvement - Treatment	303,840	307,802	315,727	323,652	335,540	355,352
47	TN	M		304400	Struct & Imp-Treatment-T&D	69,697	70,606	72,424	74,242	76,969	81,514
48	TN	M		304500	Structures & Improvement - General	9,855	9,984	10,241	10,498	10,883	11,526
49											
50	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General	-	-	-	-	-	-

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**STRATEGIC CAPITAL EXPENDITURE PLAN
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Business Unit Tennessee
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Description TN BP 2018-2022 SCEP

						Cumulative Balance of In-Serviced Plant, from 2018 Capex, by Period					
Line #	Business Unit No.		Project Title	Account	Account Description	1	2	3	4	5	6
51											
52	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks	-	-	-	-	-	-
53	TN	O		341200	Transportation Equip Hvy Duty Trucks	-	-	-	-	-	-
54	TN	O		341300	Transportation Equip Autos	-	-	-	-	-	-
55											
56	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment	-	-	-	-	-	-
57											
58	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	269,264	273,760	278,256	282,752	287,389	292,306
59	TN	Q		304200	Struct & Imp-Pumping	423,613	430,685	437,757	444,829	452,122	459,857
60	TN	Q		304300	Struct & Imp-Treatment	24,266	24,674	25,082	25,490	25,911	26,357
61	TN	Q		304400	Struct & Imp-Treatment-T&D	28,964	29,444	29,924	30,404	30,899	31,424
62	TN	Q		304500	Structures & Improvement - General	31,271	31,791	32,311	32,831	33,368	33,936
63	TN	Q		304700	Struct & Imp-Store,Shop,Garage	-	-	-	-	-	-
64	TN	Q		306000	Lake, River & Other Intakes	27,367	27,823	28,279	28,735	29,206	29,704
65	TN	Q		309000	Supply Mains	11,121	11,305	11,489	11,673	11,863	12,064
66	TN	Q		310000	Power Generation Equip	28,296	28,768	29,240	29,712	30,199	30,715
67	TN	Q		311200	Pump Eqp Electric	23,799	24,199	24,599	24,999	25,412	25,849
68	TN	Q		311520	Pumping Equipment SOS	962,516	978,580	994,644	1,010,708	1,027,274	1,044,844
69	TN	Q		320100	WT Equip Non-Media	2,111,585	2,146,833	2,182,081	2,217,329	2,253,678	2,292,231
70	TN	Q		320200	Water Trmt Equip Filter Media	785,846	798,966	812,086	825,206	838,736	853,086
71	TN	Q		330000	Dist Reservoirs & Standpipes	-	-	-	-	-	-
72	TN	Q		331001	Transmission & Distribution Mains	-	-	-	-	-	-
73	TN	Q		334100	Meters	-	-	-	-	-	-
74	TN	Q		340200	Computer & Peripheral Equipment	-	-	-	-	-	-
75	TN	Q		343000	Tools, Shop, Garage Equipment	3,732	3,796	3,860	3,924	3,990	4,060
76	TN	Q		344000	Laboratory Equipment	1,616	1,640	1,664	1,688	1,713	1,739
77	TN	Q		345000	Power Operated Equipment	46,851	47,635	48,419	49,203	50,011	50,869
78	TN	Q		346190	Remote Control & Instrument	3,940	4,004	4,068	4,132	4,198	4,268
79	TN	Q		347000	Misc Equipment	8,779	8,923	9,067	9,211	9,359	9,517
80											
81	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	-	-	-	-	-	-
82	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	1,970,662	2,001,692	2,032,722	2,079,267	2,125,812	2,187,872
83	TN	R		320100	WT Equip Non-Media	409,588	416,038	422,488	432,163	441,838	454,738
84	TN	R		320200	Water Trmt Equip Filter Media	83,135	84,445	85,755	87,720	89,685	92,305
85	TN	R		330000	Dist Reservoirs & Standpipes	36,271	36,841	37,411	38,266	39,121	40,261
86	TN	R		330003	Tank Repainting	532,836	541,226	549,616	562,201	574,786	591,566
87	TN	R		330100	Elevated Tanks & Standpipes	142,805	145,055	147,305	150,680	154,055	158,555
88	TN	R		330200	Ground Level Tanks	-	-	-	-	-	-
89											
90	TN	S	Engineering Studies	331001	Transmission & Distribution Mains	-	-	-	-	-	-
91			Total Recurring Projects								
92											
93			ACQUISITIONS								
94											
95			Total Acquisitions								
96											
97			CENTRALLY SPONSORED PROJECTS								
98	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	-	-	-	-	-	-
99	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	-	-	-	-	-	-
100			Total Centrally Sponsored Projects								

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					Cumulative Balance of In-Serviced Plant, from 2018 Capex, by Period					
Line #	Business Unit No.	Project Title	Account	Account Description	1	2	3	4	5	6
101										
102		INVESTMENT PROJECTS								
103	TN	I26-020017 Electrical Motor Efficiency Enhancement (\$2.9)			-	-	-	-	-	-
104	TN	I26-020027 Construct 1.0MG Tank & 2500-16" ER (\$1.0)			-	-	-	-	-	-
105	TN	I26-020028 Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment	6,290,400	6,290,400	6,290,400	6,290,400	6,290,400	6,290,400
106	TN	I26-020028	320100	WT Equip Non-Media	2,096,800	2,096,800	2,096,800	2,096,800	2,096,800	2,096,800
107	TN	I26-020032 Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping	14,597	14,597	14,597	14,597	14,597	14,597
108	TN	I26-020032	304300	Struct & Imp-Treatment	394,579	394,579	394,579	394,579	394,579	394,579
109	TN	I26-020032	304400	Struct & Imp-T&D	-	-	-	-	-	-
110	TN	I26-020032	304500	Structures & Improvement - General	9,103,923	9,103,923	9,103,923	9,103,923	9,103,923	9,103,923
111	TN	I26-020032	320100	WT Equip Non-Media	5,988,538	5,988,538	5,988,538	5,988,538	5,988,538	5,988,538
112	TN	I26-020032	330200	Ground Level Tanks	45,429	45,429	45,429	45,429	45,429	45,429
113	TN	I26-020032	347000	Misc Equipment	18,537	18,537	18,537	18,537	18,537	18,537
114	TN	I26-020034 Tennessee River Crossing (\$2.5)	331001	Transmission & Distribution Mains	-	-	-	-	-	-
115	TN	I26-020038 Retire Basin 1	304300	Struct & Imp-WT	-	-	-	-	-	-
116	TN	I26-020039 Repl Basin 2 & Plate Settlers			-	-	-	-	-	-
117	TN	I26-020040 Chlorine Gas Conversion			-	-	-	-	-	-
118	TN	I26-020041 Electrical - Breakers and Relays (\$0.6)	311200	Pump Eqp Electric	-	-	-	-	-	-
119	TN	I26-020042 Pumping Auxiliary Power (\$1.4)			-	-	-	-	-	-
120	TN	I26-020043 Energy Reduction and Efficiency (\$0.87)			-	-	-	-	-	-
121	TN	I26-020044 New Raw Water Intake Citico (\$13)			-	-	-	-	-	-
122	TN	I26-020045 Remove Filter Bldg 3	304300	Struct & Imp-Treatment	-	-	67,480	67,480	67,480	67,480
123	TN	I26-020046 New Field Services Facility (\$4.5)			-	-	-	-	-	-
124	TN	I26-050001 Raw Water Intake Improvements Whitwell (\$2)			-	-	-	-	-	-
125	TN	I26-050002 Facility Upgrades at Whitwell WTP (\$0.3)	320100	WT Equip Non-Media	271,495	271,495	271,495	271,495	271,495	271,495
126	TN	I26-050003 Replace 0.5 MG Storage Tanks at Whitwell (\$5)			-	-	-	-	-	-
127	TN	I26-050004 Replace 0.1 MG Storage Tank at Whitwell (\$0.3)	330200	Ground Level Tanks	251,103	251,103	251,103	251,103	251,103	251,103
128	TN	I26-020002 Post Acquisition BD Capex			-	-	-	-	-	-
129	TN	I26-000001 Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains	-	-	-	-	-	-
130	TN	I26-000001	320200	Water Trmt Equip Filter Media	-	-	-	-	-	-
131	TN	I26-000001	311520	Pumping Equipment SOS	-	-	-	-	-	-
132	TN	I26-000001	340200	Computer & Peripheral Equipment	-	-	-	-	-	-
133										
134		(1) Amounts not reflected in actuals through 2016 or		Total DV Included:						
135		projections based on project costs through 2018								
136				Total DV Excluded:						
137		(2) From actual or estimated in-service data provided by the company.								
138				Total Surcharge Amt:						
139		(3) Tax depreciation rates utilized by the company.								
140				SEC Total:						
141										
142				EDI Total:						
143										
144				QIIP Total:						
145										

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date July 5, 2017
Description TN BP 2018-2022 SCEP

					Cumulative Balance of In-Serviced Plant, from 2018 Capex, by Period						
Line #	Business Unit No.		Project Title	Account	Account Description	7	8	9	10	11	12
1			RECURRING PROJECTS								
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3	TN	DV		333000	Services	-	-	-	-	-	-
4	TN	DV		335000	Hydrants	-	-	-	-	-	-
5											
6	TN	A	Mains - New	331001	Transmission & Distribution Mains	1,390,592	1,484,922	1,557,056	1,630,578	1,703,175	1,774,847
7	TN	A		333000	Services	13,386	14,294	14,988	15,695	16,394	17,084
8	TN	A		334300	Meter Vaults	42,279	45,146	47,337	49,571	51,777	53,955
9	TN	A		335000	Hydrants	57,458	61,354	64,334	67,371	70,369	73,330
10											
11	TN	B	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	5,690,359	5,861,096	6,017,989	6,165,653	6,304,088	6,433,294
12	TN	B		333000	Services	401,330	413,374	424,441	434,857	444,622	453,736
13	TN	B		335000	Hydrants	74,044	76,264	78,304	80,224	82,024	83,704
14											
15	TN	C	Mains - Unscheduled	331001	Transmission & Distribution Mains	5,867,865	5,938,280	5,978,732	6,019,183	6,099,087	6,198,967
16	TN	C		335000	Hydrants	7,032	7,117	7,165	7,214	7,310	7,430
17											
18	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains	1,714,054	1,728,928	1,738,844	1,748,760	1,753,718	1,753,718
19	TN	D		333000	Services	1,488	1,501	1,510	1,519	1,524	1,524
20	TN	D		335000	Hydrants	12,948	13,060	13,135	13,210	13,248	13,248
21											
22	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	270,614	283,088	294,782	301,019	305,306	309,204
23	TN	E		335000	Hydrants	76,494	80,020	83,326	85,089	86,302	87,404
24											
25	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	275,444	286,972	296,977	304,807	310,462	313,942
26	TN	F		335000	Hydrants	991,057	1,032,530	1,068,525	1,096,695	1,117,040	1,129,560
27											
28	TN	G	Services and Laterals - New	333000	Services	-	-	-	-	-	-
29											
30	TN	H	Services and Laterals - Replaced	333000	Services	2,085,280	2,150,225	2,205,210	2,248,042	2,277,925	2,304,073
31	TN	H		334100	Meters	8,127	8,381	8,596	8,764	8,881	8,983
32											
33	TN	I	Meters - New	334100	Meters	-	-	-	-	-	-
34	TN	I		334200	Meter Installations	-	-	-	-	-	-
35											
36	TN	J	Meters - Replaced	334100	Meters	639,157	672,487	696,878	716,876	727,986	733,541
37	TN	J		334200	Meter Installations	5,113,410	5,380,080	5,575,233	5,735,235	5,824,125	5,868,570
38											
39	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment	-	-	-	-	-	-
40											
41	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media	349,743	355,537	359,882	362,779	364,228	365,386
42	TN	L		340200	Computer & Peripheral Equipment	64,309	65,375	66,174	66,707	66,974	67,187
43	TN	L		346100	Comm Equip Non-Telephone	53,595	54,483	55,149	55,593	55,815	55,993
44	TN	L		346190	Remote Control & Instrument	739,723	751,975	761,164	767,290	770,353	772,804
45											
46	TN	M	Security Equipment and Systems	304300	Structures & Improvement - Treatment	375,165	394,977	402,902	410,827	418,752	420,734
47	TN	M		304400	Struct & Imp-Treatment-T&D	86,059	90,604	92,422	94,240	96,058	96,513
48	TN	M		304500	Structures & Improvement - General	12,168	12,811	13,068	13,325	13,582	13,646
49											
50	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General	-	-	-	-	-	-

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit Tennessee
Revision Date July 5, 2017
Description TN BP 2018-2022 SCEP

						Cumulative Balance of In-Serviced Plant, from 2018 Capex, by Period					
Line #	Business Unit No.		Project Title	Account	Account Description	7	8	9	10	11	12
51											
52	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks	-	-	-	-	-	-
53	TN	O		341200	Transportation Equip Hvy Duty Trucks	-	-	-	-	-	-
54	TN	O		341300	Transportation Equip Autos	-	-	-	-	-	-
55											
56	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment	-	-	-	-	-	-
57											
58	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	297,364	302,422	306,918	311,414	315,910	317,737
59	TN	Q		304200	Struct & Imp-Pumping	467,813	475,769	482,841	489,913	496,985	499,858
60	TN	Q		304300	Struct & Imp-Treatment	26,816	27,275	27,683	28,091	28,499	28,665
61	TN	Q		304400	Struct & Imp-Treatment-T&D	31,964	32,504	32,984	33,464	33,944	34,139
62	TN	Q		304500	Structures & Improvement - General	34,521	35,106	35,626	36,146	36,666	36,878
63	TN	Q		304700	Struct & Imp-Store,Shop,Garage	-	-	-	-	-	-
64	TN	Q		306000	Lake, River & Other Intakes	30,217	30,730	31,186	31,642	32,098	32,284
65	TN	Q		309000	Supply Mains	12,271	12,478	12,662	12,846	13,030	13,105
66	TN	Q		310000	Power Generation Equip	31,246	31,777	32,249	32,721	33,193	33,385
67	TN	Q		311200	Pump Equip Electric	26,299	26,749	27,149	27,549	27,949	28,112
68	TN	Q		311520	Pumping Equipment SOS	1,062,916	1,080,988	1,097,052	1,113,116	1,129,180	1,135,706
69	TN	Q		320100	WT Equip Non-Media	2,331,885	2,371,539	2,406,787	2,442,035	2,477,283	2,491,602
70	TN	Q		320200	Water Trmt Equip Filter Media	867,846	882,606	895,726	908,846	921,966	927,296
71	TN	Q		330000	Dist Reservoirs & Standpipes	-	-	-	-	-	-
72	TN	Q		331001	Transmission & Distribution Mains	-	-	-	-	-	-
73	TN	Q		334100	Meters	-	-	-	-	-	-
74	TN	Q		340200	Computer & Peripheral Equipment	-	-	-	-	-	-
75	TN	Q		343000	Tools, Shop, Garage Equipment	4,132	4,204	4,268	4,332	4,396	4,422
76	TN	Q		344000	Laboratory Equipment	1,766	1,793	1,817	1,841	1,865	1,875
77	TN	Q		345000	Power Operated Equipment	51,751	52,633	53,417	54,201	54,985	55,303
78	TN	Q		346190	Remote Control & Instrument	4,340	4,412	4,476	4,540	4,604	4,630
79	TN	Q		347000	Misc Equipment	9,679	9,841	9,985	10,129	10,273	10,331
80											
81	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	-	-	-	-	-	-
82	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	2,311,992	2,377,155	2,439,215	2,501,275	2,532,305	2,560,232
83	TN	R		320100	WT Equip Non-Media	480,538	494,083	506,983	519,883	526,333	532,138
84	TN	R		320200	Water Trmt Equip Filter Media	97,545	100,296	102,916	105,536	106,846	108,025
85	TN	R		330000	Dist Reservoirs & Standpipes	42,541	43,738	44,878	46,018	46,588	47,101
86	TN	R		330003	Tank Repainting	625,126	642,745	659,525	676,305	684,695	692,246
87	TN	R		330100	Elevated Tanks & Standpipes	167,555	172,280	176,780	181,280	183,530	185,555
88	TN	R		330200	Ground Level Tanks	-	-	-	-	-	-
89											
90	TN	S	Engineering Studies	331001	Transmission & Distribution Mains	-	-	-	-	-	-
91			Total Recurring Projects								
92											
93			ACQUISITIONS								
94											
95			Total Acquisitions								
96											
97			CENTRALLY SPONSORED PROJECTS								
98	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	-	-	-	-	-	-
99	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	-	-	-	-	-	-
100			Total Centrally Sponsored Projects								

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date July 5, 2017
Description TN BP 2018-2022 SCEP

					Cumulative Balance of In-Serviced Plant, from 2018 Capex, by Period							
Line #	Business Unit No.		Project Title	Account	Account Description	7	8	9	10	11	12	
101												
102			INVESTMENT PROJECTS									
103	TN	I26-020017	Electrical Motor Efficiency Enhancement (\$2.9)			-	-	-	-	-	-	
104	TN	I26-020027	Construct 1.0MG Tank & 2500-16" ER (\$1.0)			-	-	-	-	-	-	
105	TN	I26-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment	6,290,400	6,290,400	6,290,400	6,290,400	6,290,400	6,290,400	
106	TN	I26-020028		320100	WT Equip Non-Media	2,096,800	2,096,800	2,096,800	2,096,800	2,096,800	2,096,800	
107	TN	I26-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping	14,597	14,597	14,597	14,597	14,597	14,597	
108	TN	I26-020032		304300	Struct & Imp-Treatment	394,579	394,579	394,579	394,579	394,579	394,579	
109	TN	I26-020032		304400	Struct & Imp-T&D	-	-	-	-	-	-	
110	TN	I26-020032		304500	Structures & Improvement - General	9,103,923	9,103,923	9,103,923	9,103,923	9,103,923	9,103,923	
111	TN	I26-020032		320100	WT Equip Non-Media	5,988,538	5,988,538	5,988,538	5,988,538	5,988,538	5,988,538	
112	TN	I26-020032		330200	Ground Level Tanks	45,429	45,429	45,429	45,429	45,429	45,429	
113	TN	I26-020032		347000	Misc Equipment	18,537	18,537	18,537	18,537	18,537	18,537	
114	TN	I26-020034	Tennessee River Crossing (\$2.5)	331001	Transmission & Distribution Mains	-	-	-	-	-	2,414,209	
115	TN	I26-020038	Retire Basin 1	304300	Struct & Imp-WT	-	-	-	-	-	-	
116	TN	I26-020039	Repl Basin 2 & Plate Settlers			-	-	-	-	-	-	
117	TN	I26-020040	Chlorine Gas Conversion			-	-	-	-	-	-	
118	TN	I26-020041	Electrical - Breakers and Relays (\$0.6)	311200	Pump Eqp Electric	-	-	-	-	-	-	
119	TN	I26-020042	Pumping Auxiliary Power (\$1.4)			-	-	-	-	-	-	
120	TN	I26-020043	Energy Reduction and Efficiency (\$0.87)			-	-	-	-	-	-	
121	TN	I26-020044	New Raw Water Intake Citico (\$13)			-	-	-	-	-	-	
122	TN	I26-020045	Remove Filter Bldg 3	304300	Struct & Imp-Treatment	67,480	67,480	67,480	67,480	67,480	67,480	
123	TN	I26-020046	New Field Services Facility (\$4.5)			-	-	-	-	-	-	
124	TN	I26-050001	Raw Water Intake Improvements Whitwell (\$2)			-	-	-	-	-	-	
125	TN	I26-050002	Facility Upgrades at Whitwell WTP (\$0.3)	320100	WT Equip Non-Media	271,495	271,495	271,495	271,495	271,495	271,495	
126	TN	I26-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)			-	-	-	-	-	-	
127	TN	I26-050004	Replace 0.1 MG Storage Tank at Whitwell (\$0.3)	330200	Ground Level Tanks	251,103	251,103	251,103	251,103	251,103	251,103	
128	TN	I26-020002	Post Acquisition BD Capex			-	-	-	-	-	-	
129	TN	I26-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains	-	-	-	-	-	-	
130	TN	I26-000001		320200	Water Trmt Equip Filter Media	-	-	-	-	-	-	
131	TN	I26-000001		311520	Pumping Equipment SOS	-	-	-	-	-	-	
132	TN	I26-000001		340200	Computer & Peripheral Equipment	-	-	-	-	-	-	
133												
134	(1) Amounts not reflected in actuals through 2016 or projections based on project costs through 2018					Total DV Included:						66,150,089
135												
136						Total DV Excluded:						66,150,089
137												
138	(2) From actual or estimated in-service data provided by the company.					Total Surcharge Amt:						66,150,089
139												
140	(3) Tax depreciation rates utilized by the company.					SEC Total:						23,535,790
141												
142						EDI Total:						2,315,824
143												
144						QIIP Total:						40,298,475
145												

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date July 5, 2017
Description TN BP 2018-2022 SCEP

TN BP 2018-2022 SCEP						2018					
Line #	Business Unit No.		Project Title	Account	Account Description	Surcharge	Average Plant in Service	Average Retires (Replacement Projects Only)	Average CIAC	Depreciation Expense	Cost of Removal Less Salvage
1	RECURRING PROJECTS										
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains		\$ -	\$ -	\$ -	\$ -	\$ -
3	TN	DV		333000	Services		-	-	-	-	-
4	TN	DV		335000	Hydrants		-	-	-	-	-
5											
6	TN	A	Mains - New	331001	Transmission & Distribution Mains	EDI	1,310,028	-	-	16,375	-
7	TN	A		333000	Services	EDI	12,611	-	-	140	-
8	TN	A		334300	Meter Vaults	EDI	39,831	-	-	1,087	-
9	TN	A		335000	Hydrants	EDI	54,130	-	-	1,245	-
10											
11	TN	B	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	QIIP	5,569,672	(210,823)	-	66,986	72,269
12	TN	B		333000	Services	QIIP	392,817	-	-	4,360	43,766
13	TN	B		335000	Hydrants	QIIP	72,475	(3,095)	-	1,596	1,397
14											
15	TN	C	Mains - Unscheduled	331001	Transmission & Distribution Mains	QIIP	5,730,991	(164,888)	-	69,576	573,811
16	TN	C		335000	Hydrants	QIIP	6,868	-	-	158	-
17											
18	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains	QIIP	1,697,654	(137,643)	(493,440)	13,332	130,342
19	TN	D		333000	Services	QIIP	1,473	-	-	16	48,961
20	TN	D		335000	Hydrants	QIIP	12,824	(70,537)	-	(1,327)	-
21											
22	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	EDI	257,781	-	-	3,222	-
23	TN	E		335000	Hydrants	EDI	72,866	(1,540)	(3,845)	1,552	1,630
24											
25	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	QIIP	266,410	(31,363)	-	2,938	78,625
26	TN	F		335000	Hydrants	QIIP	958,553	(69,058)	-	20,458	1,097
27											
28	TN	G	Services and Laterals - New	333000	Services		-	-	(110,941)	(1,231)	-
29											
30	TN	H	Services and Laterals - Replaced	333000	Services	QIIP	1,992,868	(41,972)	-	21,655	503,571
31	TN	H		334100	Meters	QIIP	7,765	(9,987)	-	(166)	15,044
32											
33	TN	I	Meters - New	334100	Meters		-	-	-	-	-
34	TN	I		334200	Meter Installations		-	-	-	-	-
35											
36	TN	J	Meters - Replaced	334100	Meters	QIIP	607,000	(541,731)	-	4,876	197,399
37	TN	J		334200	Meter Installations	QIIP	4,856,129	(44,371)	-	131,361	1,073,623
38											
39	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment		-	-	-	-	-
40											
41	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media	SEC	342,578	(15,770)	-	3,562	7,568
42	TN	L		340200	Computer & Peripheral Equipment	SEC	62,991	-	-	1,379	-
43	TN	L		346100	Comm Equip Non-Telephone	SEC	52,497	-	-	2,210	-
44	TN	L		346190	Remote Control & Instrument	SEC	724,573	(70,302)	-	27,545	3,566
45											
46	TN	M	Security Equipment and Systems	304300	Structures & Improvement - Treatment	SEC	359,010	(10,738)	-	14,314	3,654
47	TN	M		304400	Struct & Imp-Treatment-T&D	SEC	82,353	-	-	1,754	-
48	TN	M		304500	Structures & Improvement - General	SEC	11,644	-	-	132	-
49											
50	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General		-	-	-	-	-

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date July 5, 2017
Description TN BP 2018-2022 SCEP

						2018				
Line #	Business Unit No.		Project Title	Account	Account Description	Surcharge	Average Plant in Service	Average Retires (Replacement Projects Only)	Average CIAC	Cost of Removal Less Salvage
51										
52	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks		-	-	-	-
53	TN	O		341200	Transportation Equip Hvy Duty Trucks		-	-	-	-
54	TN	O		341300	Transportation Equip Autos		-	-	-	-
55										
56	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment		-	-	-	-
57										
58	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	SEC	292,555	-	-	5,793
59	TN	Q		304200	Struct & Imp-Pumping	SEC	460,248	(27,639)	-	8,566
60	TN	Q		304300	Struct & Imp-Treatment	SEC	26,380	(6,788)	-	805
61	TN	Q		304400	Struct & Imp-Treatment-T&D	SEC	31,450	-	-	670
62	TN	Q		304500	Structures & Improvement - General	SEC	33,965	-	-	384
63	TN	Q		304700	Struct & Imp-Store,Shop,Garage	SEC	-	(7,869)	-	(57)
64	TN	Q		306000	Lake, River & Other Intakes	SEC	29,729	-	-	247
65	TN	Q		309000	Supply Mains	SEC	12,074	-	-	226
66	TN	Q		310000	Power Generation Equip	SEC	30,741	-	-	3,790
67	TN	Q		311200	Pump Eqp Electric	SEC	25,871	(68,323)	-	(1,040)
68	TN	Q		311520	Pumping Equipment SOS	SEC	1,045,732	(72,602)	-	17,808
69	TN	Q		320100	WT Equip Non-Media	SEC	2,294,179	(405,939)	-	20,582
70	TN	Q		320200	Water Trmt Equip Filter Media	SEC	853,811	(437,013)	-	140,419
71	TN	Q		330000	Dist Reservoirs & Standpipes	SEC	-	(0)	-	(0)
72	TN	Q		331001	Transmission & Distribution Mains	SEC	-	-	-	-
73	TN	Q		334100	Meters	SEC	-	-	-	-
74	TN	Q		340200	Computer & Peripheral Equipment	SEC	-	(0)	-	(0)
75	TN	Q		343000	Tools, Shop, Garage Equipment	SEC	4,064	(3,339)	-	50
76	TN	Q		344000	Laboratory Equipment	SEC	1,740	(179,515)	-	(1,796)
77	TN	Q		345000	Power Operated Equipment	SEC	50,912	(13,855)	-	2,605
78	TN	Q		346190	Remote Control & Instrument	SEC	4,271	(3,783)	-	21
79	TN	Q		347000	Misc Equipment	SEC	9,525	(2,307)	-	457
80										
81	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	QIIP	-	(94,900)	-	(3,900)
82	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	QIIP	2,235,372	(306,154)	-	232,664
83	TN	R		320100	WT Equip Non-Media	QIIP	464,612	(222,694)	-	2,637
84	TN	R		320200	Water Trmt Equip Filter Media	QIIP	94,311	(65,478)	-	9,714
85	TN	R		330000	Dist Reservoirs & Standpipes	QIIP	41,133	-	-	856
86	TN	R		330003	Tank Repainting	QIIP	604,409	(197,159)	-	45,123
87	TN	R		330100	Elevated Tanks & Standpipes	QIIP	161,999	-	-	4,439
88	TN	R		330200	Ground Level Tanks	QIIP	-	(446)	-	(12)
89										
90	TN	S	Engineering Studies	331001	Transmission & Distribution Mains		-	-	-	-
91			Total Recurring Projects							
92										
93			ACQUISITIONS							
94										
95			Total Acquisitions							
96										
97			CENTRALLY SPONSORED PROJECTS							
98	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		-			-
99	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		-			-
100			Total Centrally Sponsored Projects							

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date July 5, 2017
Description TN BP 2018-2022 SCEP

						2018				
Line #	Business Unit No.	Project Title	Account	Account Description	Surcharge	Average Plant in Service	Average Retires (Replacement Projects Only)	Average CIAC	Depreciation Expense	Cost of Removal Less Salvage
101										
102		INVESTMENT PROJECTS								
103	TN	I26-020017		Electrical Motor Efficiency Enhancement (\$2.9)	SEC	-			-	
104	TN	I26-020027		Construct 1.0MG Tank & 2500-16" ER (\$1.0)	SEC	-			-	
105	TN	I26-020028	304300	Citico Plant Improvements Phase 1B (\$8.6)	QIIP	6,290,400	(42,385) (1)		256,793	850,267 (1)
106	TN	I26-020028	320100	WT Equip Non-Media	QIIP	2,096,800			22,855	
107	TN	I26-020032	304200	Wastewater Treatm't & Handling Impr (\$15.3)	SEC	14,597	(14,622)		(1)	375,638
108	TN	I26-020032	304300	Struct & Imp-Treatment	SEC	394,579	(54,346)		13,984	1,396,120
109	TN	I26-020032	304400	Struct & Imp-T&D	SEC	-			-	
110	TN	I26-020032	304500	Structures & Improvement - General	SEC	9,103,923			102,874	
111	TN	I26-020032	320100	WT Equip Non-Media	SEC	5,988,538	(305)		65,272	7,834
112	TN	I26-020032	330200	Ground Level Tanks	SEC	45,429			1,245	
113	TN	I26-020032	347000	Misc Equipment	SEC	18,537			1,173	
114	TN	I26-020034	331001	Tennessee River Crossing (\$2.5)	QIIP	185,708	-		2,321	
115	TN	I26-020038	304300	Retire Basin 1	QIIP	-			-	
116	TN	I26-020039		Repl Basin 2 & Plate Settlers	QIIP	-			-	
117	TN	I26-020040		Chlorine Gas Conversion	SEC	-			-	
118	TN	I26-020041	311200	Electrical - Breakers and Relays (\$0.6)	QIIP	-			-	
119	TN	I26-020042		Pumping Auxiliary Power (\$1.4)	SEC	-			-	
120	TN	I26-020043		Energy Reduction and Efficiency (\$0.87)	QIIP	-			-	
121	TN	I26-020044		New Raw Water Intake Citico (\$13)	SEC	-			-	
122	TN	I26-020045	304300	Remove Filter Bldg 3	QIIP	51,908	(1,805) (1)		2,059	287,308 (1)
123	TN	I26-020046		New Field Services Facility (\$4.5)		-			-	
124	TN	I26-050001		Raw Water Intake Improvements Whitwell (\$2)	SEC	-			-	
125	TN	I26-050002	320100	Facility Upgrades at Whitwell WTP (\$0.3)	SEC	250,611	(18,824) (1)		2,526	30,000 (1)
126	TN	I26-050003		Replace 0.5 MG Storage Tanks at Whitwell (\$0.5)	SEC	-			-	
127	TN	I26-050004	330200	Replace 0.1 MG Storage Tank at Whitwell (\$0.3)	SEC	231,787	(1,500) (1)		6,310	50,000 (1)
128	TN	I26-020002		Post Acquisition BD Capex		-			-	
129	TN	I26-000001	331001	Whitwell Acquisition Capital Investment	QIIP	-			-	
130	TN	I26-000001	320200	Water Trmt Equip Filter Media	QIIP	-			-	
131	TN	I26-000001	311520	Pumping Equipment SOS	QIIP	-			-	
132	TN	I26-000001	340200	Computer & Peripheral Equipment	QIIP	-			-	
133										
134		(1) Amounts not reflected in actuals through 2016 or		Total DV Included:		\$ 59,038,295	\$ (3,673,411)	\$ (608,225)	\$ 1,377,567	\$ 8,720,933
135		projections based on project costs through 2018								
136				Total DV Excluded:		\$ 59,038,295	\$ (3,673,411)	\$ (608,225)	\$ 1,377,567	\$ 8,720,933
137		(2) From actual or estimated in-service data provided by the company.								
138				Total Surcharge Amt:		\$ 59,038,295	\$ (3,673,411)	\$ (497,284)	\$ 1,378,799	\$ 8,720,933
139		(3) Tax depreciation rates utilized by the company.								
140				SEC Total:		\$ 22,890,898	\$ (1,415,383)	\$ -	\$ 443,809	\$ 2,747,113
141										
142				EDI Total:		\$ 1,747,247	\$ (1,540)	\$ (3,845)	\$ 23,622	\$ 1,630
143										
144				QIIP Total:		\$ 34,400,150	\$ (2,256,488)	\$ (493,440)	\$ 911,368	\$ 5,972,190
145										

Tennessee American Water Company
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**STRATEGIC CAPITAL EXPENDITURE PLAN
 PROGRAM**

Business Unit Tennessee
Revision Date July 5, 2017
Description TN BP 2018-2022 SCEP

Line #	Business Unit No.		Project Title	Account	Account Description	Tax Depr class life	Y1 Tax Depr Rate (3)	Y2 Tax Depr Rate (3)	Y3 Tax Depr Rate (3)	Y4 Tax Depr Rate (3)	Y5 Tax Depr Rate (3)	Tax Depreciation	Tax over Book Depreciation	Tax Rate	Depreciation Deferred Tax (DTA, (DTL))
1			RECURRING PROJECTS												
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	0.04	0.04	0.04	-	-	0.39225	-
3	TN	DV		333000	Services	25 yr	0.02	0.04	0.04	0.04	0.04	-	-	0.39225	-
4	TN	DV		335000	Hydrants	25 yr	0.02	0.04	0.04	0.04	0.04	-	-	0.39225	-
5															
6	TN	A	Mains - New	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	0.04	0.04	0.04	53,182	36,807	0.39225	(14,437)
7	TN	A		333000	Services	25 yr	0.02	0.04	0.04	0.04	0.04	512	372	0.39225	(146)
8	TN	A		334300	Meter Vaults	25 yr	0.02	0.04	0.04	0.04	0.04	1,617	530	0.39225	(208)
9	TN	A		335000	Hydrants	25 yr	0.02	0.04	0.04	0.04	0.04	2,197	952	0.39225	(374)
10															
11	TN	B	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	0.04	0.04	0.04	225,492	158,506	0.39225	(62,174)
12	TN	B		333000	Services	25 yr	0.02	0.04	0.04	0.04	0.04	15,903	11,543	0.39225	(4,528)
13	TN	B		335000	Hydrants	25 yr	0.02	0.04	0.04	0.04	0.04	2,934	1,338	0.39225	(525)
14															
15	TN	C	Mains - Unscheduled	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	0.04	0.04	0.04	227,403	157,827	0.39225	(61,908)
16	TN	C		335000	Hydrants	25 yr	0.02	0.04	0.04	0.04	0.04	272	115	0.39225	(45)
17															
18	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	0.04	0.04	0.04	67,967	54,635	0.39225	(21,431)
19	TN	D		333000	Services	25 yr	0.02	0.04	0.04	0.04	0.04	59	43	0.39225	(17)
20	TN	D		335000	Hydrants	25 yr	0.02	0.04	0.04	0.04	0.04	513	1,841	0.39225	(722)
21															
22	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	0.04	0.04	0.04	10,294	7,072	0.39225	(2,774)
23	TN	E		335000	Hydrants	25 yr	0.02	0.04	0.04	0.04	0.04	2,910	1,358	0.39225	(533)
24															
25	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	0.04	0.04	0.04	10,722	7,784	0.39225	(3,053)
26	TN	F		335000	Hydrants	25 yr	0.02	0.04	0.04	0.04	0.04	38,578	18,120	0.39225	(7,107)
27															
28	TN	G	Services and Laterals - New	333000	Services	25 yr	0.02	0.04	0.04	0.04	0.04	-	1,231	0.39225	(483)
29															
30	TN	H	Services and Laterals - Replaced	333000	Services	25 yr	0.02	0.04	0.04	0.04	0.04	79,607	57,952	0.39225	(22,732)
31	TN	H		334100	Meters	25 yr	0.02	0.04	0.04	0.04	0.04	310	476	0.39225	(187)
32															
33	TN	I	Meters - New	334100	Meters	25 yr	0.02	0.04	0.04	0.04	0.04	-	-	0.39225	-
34	TN	I		334200	Meter Installations	25 yr	0.02	0.04	0.04	0.04	0.04	-	-	0.39225	-
35															
36	TN	J	Meters - Replaced	334100	Meters	25 yr	0.02	0.04	0.04	0.04	0.04	24,329	19,453	0.39225	(7,631)
37	TN	J		334200	Meter Installations	25 yr	0.02	0.04	0.04	0.04	0.04	194,637	63,276	0.39225	(24,820)
38															
39	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment	5 yr	0.2	0.32	0.192	0.1152	0.1152	-	-	0.39225	-
40															
41	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media	25 yr	0.02	0.04	0.04	0.04	0.04	13,688	10,126	0.39225	(3,972)
42	TN	L		340200	Computer & Peripheral Equipment	5 yr	0.2	0.32	0.192	0.1152	0.1152	14,162	12,783	0.39225	(5,014)
43	TN	L		346100	Comm Equip Non-Telephone	5 yr	0.2	0.32	0.192	0.1152	0.1152	8,644	6,434	0.39225	(2,524)
44	TN	L		346190	Remote Control & Instrument	5 yr	0.2	0.32	0.192	0.1152	0.1152	129,342	101,797	0.39225	(39,930)
45															
46	TN	M	Security Equipment and Systems	304300	Structures & Improvement - Treatment	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	9,264	(5,050)	0.39225	1,981
47	TN	M		304400	Struct & Imp-Treatment-T&D	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	2,125	371	0.39225	(145)
48	TN	M		304500	Structures & Improvement - General	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	300	169	0.39225	(66)
49															
50	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	-	-	0.39225	-

Tennessee American Water Company
 Qualified Infrastructure Improvement Program
 Economic Development Rider
 Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
 PROGRAM**

Business Unit Tennessee
Revision Date July 5, 2017
Description TN BP 2018-2022 SCEP

Line #	Business Unit			Project Title	Account	Account Description	Tax Depr class life	Y1 Tax Depr Rate (3)	Y2 Tax Depr Rate (3)	Y3 Tax Depr Rate (3)	Y4 Tax Depr Rate (3)	Y5 Tax Depr Rate (3)	Tax Depreciation	Tax over Book Depreciation	Tax Rate	Depreciation Deferred Tax (DTA, (DTL))
51																
52	TN	O		Vehicles	341100	Transportation Equip Lt Duty Trucks	5 yr	0.2	0.32	0.192	0.1152	0.1152	-	-	0.39225	-
53	TN	O			341200	Transportation Equip Hvy Duty Trucks	5 yr	0.2	0.32	0.192	0.1152	0.1152	-	-	0.39225	-
54	TN	O			341300	Transportation Equip Autos	5 yr	0.2	0.32	0.192	0.1152	0.1152	-	-	0.39225	-
55																
56	TN	P		Tools and Equipment	343000	Tools, Shop, Garage Equipment	25 yr	0.02	0.04	0.04	0.04	0.04	-	-	0.39225	-
57																
58	TN	Q		Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	7,506	1,713	0.39225	(672)
59	TN	Q			304200	Struct & Imp-Pumping	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	11,808	3,242	0.39225	(1,272)
60	TN	Q			304300	Struct & Imp-Treatment	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	677	(128)	0.39225	50
61	TN	Q			304400	Struct & Imp-Treatment-T&D	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	807	137	0.39225	(54)
62	TN	Q			304500	Structures & Improvement - General	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	871	488	0.39225	(191)
63	TN	Q			304700	Struct & Imp-Store,Shop,Garage	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	-	57	0.39225	(23)
64	TN	Q			306000	Lake, River & Other Intakes	25 yr	0.02	0.04	0.04	0.04	0.04	1,190	943	0.39225	(370)
65	TN	Q			309000	Supply Mains	25 yr	0.02	0.04	0.04	0.04	0.04	483	257	0.39225	(101)
66	TN	Q			310000	Power Generation Equip	25 yr	0.02	0.04	0.04	0.04	0.04	1,230	(2,560)	0.39225	1,004
67	TN	Q			311200	Pump Eqp Electric	25 yr	0.02	0.04	0.04	0.04	0.04	1,035	2,076	0.39225	(814)
68	TN	Q			311520	Pumping Equipment SOS	25 yr	0.02	0.04	0.04	0.04	0.04	41,854	24,046	0.39225	(9,432)
69	TN	Q			320100	WT Equip Non-Media	25 yr	0.02	0.04	0.04	0.04	0.04	91,821	71,240	0.39225	(27,944)
70	TN	Q			320200	Water Trmt Equip Filter Media	25 yr	0.02	0.04	0.04	0.04	0.04	34,173	(106,247)	0.39225	41,675
71	TN	Q			330000	Dist Reservoirs & Standpipes	25 yr	0.02	0.04	0.04	0.04	0.04	-	0	0.39225	(0)
72	TN	Q			331001	Transmission & Distribution Mains	25 yr	0.02	0.04	0.04	0.04	0.04	-	-	0.39225	-
73	TN	Q			334100	Meters	25 yr	0.02	0.04	0.04	0.04	0.04	-	-	0.39225	-
74	TN	Q			340200	Computer & Peripheral Equipment	5 yr	0.2	0.32	0.192	0.1152	0.1152	-	0	0.39225	(0)
75	TN	Q			343000	Tools, Shop, Garage Equipment	25 yr	0.02	0.04	0.04	0.04	0.04	163	113	0.39225	(44)
76	TN	Q			344000	Laboratory Equipment	25 yr	0.02	0.04	0.04	0.04	0.04	70	1,865	0.39225	(732)
77	TN	Q			345000	Power Operated Equipment	25 yr	0.02	0.04	0.04	0.04	0.04	2,038	(567)	0.39225	223
78	TN	Q			346190	Remote Control & Instrument	5 yr	0.2	0.32	0.192	0.1152	0.1152	679	658	0.39225	(258)
79	TN	Q			347000	Misc Equipment	25 yr	0.02	0.04	0.04	0.04	0.04	381	(76)	0.39225	30
80																
81	TN	R		Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	-	3,900	0.39225	(1,530)
82	TN	R			304301	Struct & Imp-Treatment-Dpr Paint	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	57,688	(174,975)	0.39225	68,634
83	TN	R			320100	WT Equip Non-Media	25 yr	0.02	0.04	0.04	0.04	0.04	18,706	16,069	0.39225	(6,303)
84	TN	R			320200	Water Trmt Equip Filter Media	25 yr	0.02	0.04	0.04	0.04	0.04	3,797	(5,917)	0.39225	2,321
85	TN	R			330000	Dist Reservoirs & Standpipes	25 yr	0.02	0.04	0.04	0.04	0.04	1,656	800	0.39225	(314)
86	TN	R			330003	Tank Repainting	25 yr	0.02	0.04	0.04	0.04	0.04	24,334	(20,790)	0.39225	8,155
87	TN	R			330100	Elevated Tanks & Standpipes	25 yr	0.02	0.04	0.04	0.04	0.04	6,522	2,083	0.39225	(817)
88	TN	R			330200	Ground Level Tanks	25 yr	0.02	0.04	0.04	0.04	0.04	-	12	0.39225	(5)
89																
90	TN	S		Engineering Studies	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	0.04	0.04	0.04	-	-	0.39225	-
91				Total Recurring Projects												
92																
93				ACQUISITIONS												
94																
95				Total Acquisitions												
96																
97				CENTRALLY SPONSORED PROJECTS												
98	TN	T26-0202		Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	3 yr	0.3333	0.3333	0.3334			-	-	0.39225	-
99	TN	T26-0203		Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate										
100				Total Centrally Sponsored Projects												

Tennessee American Water Company
Qualified Infrastructure Improvement Program
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STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date July 5, 2017
Description TN BP 2018-2022 SCEP

Line #	Business Unit No.	Project Title	Account	Account Description	Tax Depr class life	Y1 Tax Depr Rate (3)	Y2 Tax Depr Rate (3)	Y3 Tax Depr Rate (3)	Y4 Tax Depr Rate (3)	Y5 Tax Depr Rate (3)	Tax Depreciation	Tax over Book Depreciation	Tax Rate	Depreciation Deferred Tax (DTA, (DTL))
101														
102		INVESTMENT PROJECTS												
103	TN	I26-020017		Electrical Motor Efficiency Enhancement (\$2.9)										-
104	TN	I26-020027		Construct 1.0MG Tank & 2500-16" ER (\$1.0)										
105	TN	I26-020028		Citico Plant Improvements Phase 1B (\$8.6)										
106	TN	I26-020028	304300	Struct & Imp-Treatment	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	161,286	(95,508)	0.39225	37,463
107	TN	I26-020032	320100	WT Equip Non-Media	25 yr	0.02	0.04	0.04	0.04	0.04	83,872	61,017	0.39225	(23,934)
108	TN	I26-020032	304200	Struct & Imp-Pumping	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	374	375	0.39225	(147)
109	TN	I26-020032	304300	Struct & Imp-Treatment	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	10,117	(3,867)	0.39225	1,517
110	TN	I26-020032	304400	Struct & Imp-T&D	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	-	-	0.39225	-
111	TN	I26-020032	304500	Structures & Improvement - General	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	233,425	130,550	0.39225	(51,208)
112	TN	I26-020032	320100	WT Equip Non-Media	25 yr	0.02	0.04	0.04	0.04	0.04	239,542	174,270	0.39225	(68,357)
113	TN	I26-020032	330200	Ground Level Tanks	25 yr	0.02	0.04	0.04	0.04	0.04	1,817	572	0.39225	(225)
114	TN	I26-020032	347000	Misc Equipment	25 yr	0.02	0.04	0.04	0.04	0.04	741	(432)	0.39225	169
115	TN	I26-020034	331001	Tennessee River Crossing (\$2.5)	25 yr	0.02	0.04	0.04	0.04	0.04	48,284	45,963	0.39225	(18,029)
116	TN	I26-020038	304300	Retire Basin 1	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	-	-	0.39225	-
117	TN	I26-020039		Repl Basin 2 & Plate Settlers										
118	TN	I26-020040		Chlorine Gas Conversion										
119	TN	I26-020041	311200	Electrical - Breakers and Relays (\$0.6)	25 yr	0.02	0.04	0.04	0.04	0.04	-	-	0.39225	-
120	TN	I26-020042		Pumping Auxiliary Power (\$1.4)										
121	TN	I26-020043		Energy Reduction and Efficiency (\$0.87)										
122	TN	I26-020044		New Raw Water Intake Citico (\$13)										
123	TN	I26-020045	304300	Remove Filter Bldg 3	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	865	(1,194)	0.39225	468
124	TN	I26-020046		New Field Services Facility (\$4.5)										
125	TN	I26-050001		Raw Water Intake Improvements Whitwell (\$2)										
126	TN	I26-050002	320100	Facility Upgrades at Whitwell WTP (\$0.3)	25 yr	0.02	0.04	0.04	0.04	0.04	5,430	2,903	0.39225	(1,139)
127	TN	I26-050003		Replace 0.5 MG Storage Tanks at Whitwell (\$0.5)										
128	TN	I26-050004	330200	Replace 0.1 MG Storage Tank at Whitwell (\$0.3)	25 yr	0.02	0.04	0.04	0.04	0.04	5,022	(1,288)	0.39225	505
129	TN	I26-020002		Post Acquisition BD Capex										
130	TN	I26-000001	331001	Whitwell Acquisition Capital Investment	25 yr	0.02	0.04	0.04	0.04	0.04	-	-	0.39225	-
131	TN	I26-000001	320200	Water Trmt Equip Filter Media	25 yr	0.02	0.04	0.04	0.04	0.04	-	-	0.39225	-
132	TN	I26-000001	311520	Pumping Equipment SOS	25 yr	0.02	0.04	0.04	0.04	0.04	-	-	0.39225	-
133	TN	I26-000001	340200	Computer & Peripheral Equipment	5 yr	0.2	0.32	0.192	0.1152	0.1152	-	-	0.39225	-
134		(1) Amounts not reflected in actuals through 2016 or projections based on project costs through 2018		Total DV Included:							\$ 2,237,230	\$ 859,663		\$ (337,203)
135				Total DV Excluded:							\$ 2,237,230	\$ 859,663		\$ (337,203)
136		(2) From actual or estimated in-service data provided by the company.		Total Surcharge Amt:							\$ 2,237,230	\$ 858,431		\$ (336,720)
137														
138		(3) Tax depreciation rates utilized by the company.												
139				SEC Total:							\$ 870,779	\$ 426,970		\$ (167,479)
140														
141				EDI Total:							\$ 70,713	\$ 47,091		\$ (18,471)
142														
143				QIIP Total:							\$ 1,295,738	\$ 384,370		\$ (150,769)
144														
145														

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit Tennessee
Revision Date July 5, 2017
Description TN BP 2018-2022 SCEP

Line #	Business Unit No.	Project Title	Account	Account Description	NOTES	Average Accum Depreciation	Average Depreciation Deferred Tax (DTA, (DTL))
1		RECURRING PROJECTS					
2	TN DV	Projects Funded by Others	331001	Transmission & Distribution Mains	This should be zero if related to non-taxable	\$ -	\$ -
3	TN DV		333000	Services	This should be zero if related to non-taxable	0	0
4	TN DV		335000	Hydrants	This should be zero if related to non-taxable	0	0
5							
6	TN A	Mains - New	331001	Transmission & Distribution Mains		(28,520)	(22,715)
7	TN A		333000	Services		(240)	(213)
8	TN A		334300	Meter Vaults		(1,637)	(171)
9	TN A		335000	Hydrants		(2,003)	(497)
10							
11	TN B	Mains - Replaced / Restored	331001	Transmission & Distribution Mains		(119,060)	(111,302)
12	TN B		333000	Services		(7,854)	(8,377)
13	TN B		335000	Hydrants		(3,227)	(941)
14							
15	TN C	Mains - Unscheduled	331001	Transmission & Distribution Mains		(153,362)	(130,991)
16	TN C		335000	Hydrants		(393)	(26)
17							
18	TN D	Mains - Relocated	331001	Transmission & Distribution Mains		(34,233)	(56,222)
19	TN D		333000	Services		(48)	(48)
20	TN D		335000	Hydrants		4,509	(2,264)
21							
22	TN E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains		(6,026)	(5,557)
23	TN E		335000	Hydrants		(4,407)	(858)
24							
25	TN F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains		(5,216)	(6,092)
26	TN F		335000	Hydrants		(43,654)	(13,560)
27							
28	TN G	Services and Laterals - New	333000	Services		(2,353)	(1,465)
29							
30	TN H	Services and Laterals - Replaced	333000	Services		(48,410)	(48,548)
31	TN H		334100	Meters		242	(285)
32							
33	TN I	Meters - New	334100	Meters		(6,433)	1,848
34	TN I		334200	Meter Installations		(1,458)	153
35							
36	TN J	Meters - Replaced	334100	Meters		(51,683)	2,121
37	TN J		334200	Meter Installations		(228,146)	(45,748)
38							
39	TN K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment		0	0
40							
41	TN L	SCADA Equipment and Systems	320100	WT Equip Non-Media		(12,208)	(12,169)
42	TN L		340200	Computer & Peripheral Equipment		(2,189)	(12,479)
43	TN L		346100	Comm Equip Non-Telephone		(7,486)	(10,093)
44	TN L		346190	Remote Control & Instrument		(64,657)	(155,043)
45							
46	TN M	Security Equipment and Systems	304300	Structures & Improvement - Treatment		(22,781)	2,357
47	TN M		304400	Struct & Imp-Treatment-T&D		(2,128)	(371)
48	TN M		304500	Structures & Improvement - General		(294)	(211)
49							
50	TN N	Offices and Operations Centers	304500	Structures & Improvement - General		0	0

Tennessee American Water Company
 Qualified Infrastructure Improvement Program
 Economic Development Rider
 Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
 PROGRAM**

Business Unit Tennessee
Revision Date July 5, 2017
Description TN BP 2018-2022 SCEP

Line #	Business Unit No.		Project Title	Account	Account Description	NOTES	Average Accum Depreciation	Average Depreciation Deferred Tax (DTA, (DTL))
51								
52	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks		0	0
53	TN	O		341200	Transportation Equip Hvy Duty Trucks		0	0
54	TN	O		341300	Transportation Equip Autos		0	0
55								
56	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment		0	0
57								
58	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply		(13,960)	(1,893)
59	TN	Q		304200	Struct & Imp-Pumping		(14,814)	(2,396)
60	TN	Q		304300	Struct & Imp-Treatment		(1,333)	(4)
61	TN	Q		304400	Struct & Imp-Treatment-T&D		(1,499)	(231)
62	TN	Q		304500	Structures & Improvement - General		(1,008)	(489)
63	TN	Q		304700	Struct & Imp-Store,Shop,Garage		177	(69)
64	TN	Q		306000	Lake, River & Other Intakes		(474)	(641)
65	TN	Q		309000	Supply Mains		(752)	(273)
66	TN	Q		310000	Power Generation Equip		(13,405)	2,492
67	TN	Q		311200	Pump Eqp Electric		2,131	(1,824)
68	TN	Q		311520	Pumping Equipment SOS		(40,690)	(21,834)
69	TN	Q		320100	WT Equip Non-Media		(57,765)	(72,610)
70	TN	Q		320200	Water Trmt Equip Filter Media		(416,438)	128,708
71	TN	Q		330000	Dist Reservoirs & Standpipes		0	(0)
72	TN	Q		331001	Transmission & Distribution Mains		0	0
73	TN	Q		334100	Meters		0	0
74	TN	Q		340200	Computer & Peripheral Equipment		0	(0)
75	TN	Q		343000	Tools, Shop, Garage Equipment		(97)	(75)
76	TN	Q		344000	Laboratory Equipment		5,585	(2,142)
77	TN	Q		345000	Power Operated Equipment		(7,796)	991
78	TN	Q		346190	Remote Control & Instrument		(105)	(1,102)
79	TN	Q		347000	Misc Equipment		(1,468)	188
80								
81	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment		13,356	(5,231)
82	TN	R		304301	Struct & Imp-Treatment-Dpr Paint		(379,127)	115,066
83	TN	R		320100	WT Equip Non-Media		(42,012)	(56,781)
84	TN	R		320200	Water Trmt Equip Filter Media		(13,101)	2,925
85	TN	R		330000	Dist Reservoirs & Standpipes		(10,661)	(5,954)
86	TN	R		330003	Tank Repainting		(62,166)	9,465
87	TN	R		330100	Elevated Tanks & Standpipes		(5,668)	(1,580)
88	TN	R		330200	Ground Level Tanks		49	(17)
89								
90	TN	S	Engineering Studies	331001	Transmission & Distribution Mains		0	0
91			Total Recurring Projects					
92								
93			ACQUISITIONS					
94								
95			Total Acquisitions					
96								
97			CENTRALLY SPONSORED PROJECTS					
98	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		0	0
99	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate			
100			Total Centrally Sponsored Projects					

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date July 5, 2017
Description TN BP 2018-2022 SCEP

Line #	Business Unit No.	Project Title	Account	Account Description	NOTES	Average Accum Depreciation	Average Depreciation Deferred Tax (DTA, (DTL))
101							
102		INVESTMENT PROJECTS					
103	TN	I26-020017 Electrical Motor Efficiency Enhancement (\$2.9)					
104	TN	I26-020027 Construct 1.0MG Tank & 2500-16" ER (\$1.0)					
105	TN	I26-020028 Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment		(519,647)	77,303
106	TN	I26-020028 Wastewater Treatm't & Handling Impr (\$15.3)	320100	WT Equip Non-Media		(46,169)	(47,688)
107	TN	I26-020032	304200	Struct & Imp-Pumping		(42)	(277)
108	TN	I26-020032	304300	Struct & Imp-Treatment		(31,605)	4,460
109	TN	I26-020032	304400	Struct & Imp-T&D		0	0
110	TN	I26-020032	304500	Structures & Improvement - General		(273,386)	(170,164)
111	TN	I26-020032	320100	WT Equip Non-Media		(170,995)	(208,772)
112	TN	I26-020032	330200	Ground Level Tanks		(3,308)	(862)
113	TN	I26-020032	347000	Misc Equipment		(3,109)	344
114	TN	I26-020034 Tennessee River Crossing (\$2.5)	331001	Transmission & Distribution Mains		(1,161)	(9,014)
115	TN	I26-020038 Retire Basin 1	304300	Struct & Imp-WT		0	0
116	TN	I26-020039 Repl Basin 2 & Plate Settlers					
117	TN	I26-020040 Chlorine Gas Conversion					
118	TN	I26-020041 Electrical - Breakers and Relays (\$0.6)	311200	Pump Eqp Electric		0	0
119	TN	I26-020042 Pumping Auxiliary Power (\$1.4)					
120	TN	I26-020043 Energy Reduction and Efficiency (\$0.87)					
121	TN	I26-020044 New Raw Water Intake Citico (\$13)					
122	TN	I26-020045 Remove Filter Bldg 3	304300	Struct & Imp-Treatment		(1,030)	234
123	TN	I26-020046 New Field Services Facility (\$4.5)					
124	TN	I26-050001 Raw Water Intake Improvements Whitwell (\$2)					
125	TN	I26-050002 Facility Upgrades at Whitwell WTP (\$0.3)	320100	WT Equip Non-Media		(1,263)	(569)
126	TN	I26-050003 Replace 0.5 MG Storage Tanks at Whitwell (\$0.5)					
127	TN	I26-050004 Replace 0.1 MG Storage Tank at Whitwell (\$0.3)	330200	Ground Level Tanks		(3,155)	253
128	TN	I26-020002 Post Acquisition BD Capex					
129	TN	I26-000001 Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains		0	0
130	TN	I26-000001	320200	Water Trmt Equip Filter Media		0	0
131	TN	I26-000001	311520	Pumping Equipment SOS		0	0
132	TN	I26-000001	340200	Computer & Peripheral Equipment		0	0
133							
134		(1) Amounts not reflected in actuals through 2016 or projections based on project costs through 2018		Total DV Included: See note under DV above		\$ (2,973,266)	\$ (909,835)
135							
136				Total DV Excluded:		\$ (2,973,266)	\$ (909,835)
137		(2) From actual or estimated in-service data provided by the company.					
138				Total Surcharge Amt:		\$ (2,963,022)	\$ (910,371)
139		(3) Tax depreciation rates utilized by the company.					
140				SEC Total:		\$ (1,162,317)	\$ (536,803)
141							
142				EDI Total:		\$ (42,834)	\$ (30,011)
143							
144				QIIP Total:		\$ (1,757,871)	\$ (343,556)
145							

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date September 21, 2016
Description TN BP 2017-2021 SCEP

Line #	Business Unit No.	Project Title	Account	Account Description	Portion to Account (2)	In-Service (Months) (3)	Dep Rate	Prior Year Period 11 Spend	Prior Year Period 12 Spend	2016 SCEP Reforecast	Prior 2016 SCEP In-Serviced
1		RECURRING PROJECTS									
2	TN	DV		Projects Funded by Others							
3	TN	DV	331001	Transmission & Distribution Mains	0.0%	3	1.25%	120,000	100,000		\$ -
4	TN	DV	333000	Services	0.0%	3	1.11%	120,000	100,000		-
5			335000	Hydrants	0.0%	3	2.30%	120,000	100,000		-
6	TN	A		Mains - New							
7	TN	A	331001	Transmission & Distribution Mains	92.5%	3	1.25%	-	-		597,576
8	TN	A	333000	Services	0.9%	3	1.11%				5,754
9	TN	A	334300	Meter Vaults	2.8%	3	2.73%				18,184
10			335000	Hydrants	3.8%	3	2.30%				24,701
11	TN	B		Mains - Replaced / Restored							
12	TN	B	331001	Transmission & Distribution Mains	92.3%	3	1.25%	-	-		2,522,367
13	TN	B	333000	Services	6.5%	3	1.11%	-	-		177,865
14			335000	Hydrants	1.2%	3	2.30%	-	-		32,852
15	TN	C		Mains - Unscheduled							
16	TN	C	331001	Transmission & Distribution Mains	99.9%	3	1.25%	80,000	120,000		4,158,822
17			335000	Hydrants	0.1%	3	2.30%	80,000	120,000		4,979
18	TN	D		Mains - Relocated							
19	TN	D	331001	Transmission & Distribution Mains	99.2%	3	1.25%	-	-		1,545,482
20	TN	D	333000	Services	0.1%	3	1.11%	-	-		1,335
21			335000	Hydrants	0.8%	3	2.30%	-	-		11,673
22	TN	E		Hydrants, Valves, and Manholes - New							
23	TN	E	331001	Transmission & Distribution Mains	78.0%	1	1.25%				147,515
24			335000	Hydrants	22.0%	1	2.30%				41,693
25	TN	F		Hydrants, Valves, and Manholes - Replaced							
26	TN	F	331001	Transmission & Distribution Mains	21.8%	1	1.25%				140,790
27			335000	Hydrants	78.3%	1	2.30%				506,611
28	TN	G		Services and Laterals - New							
29			333000	Services	0.0%	1	1.11%				-
30	TN	H		Services and Laterals - Replaced							
31	TN	H	333000	Services	99.6%	1	1.11%				1,279,335
32			334100	Meters	0.4%		7.47%				4,971
33	TN	I		Meters - New							
34	TN	I	334100	Meters	0.0%	1	7.47%				-
35			334200	Meter Installations	0.0%	1	2.73%				-
36	TN	J		Meters - Replaced							
37	TN	J	334100	Meters	11.1%	1	7.47%				295,389
38			334200	Meter Installations	88.9%	1	2.73%				2,362,958
39	TN	K		ITS Equipment and Systems							
40			340200	Computer & Peripheral Equipment	0.0%	1	2.19%				-
41	TN	L		SCADA Equipment and Systems							
42	TN	L	320100	WT Equip Non-Media	29.0%		1.09%				268,337
43	TN	L	340200	Computer & Peripheral Equipment	5.3%	1	2.19%				49,331
44	TN	L	346100	Comm Equip Non-Telephone	4.4%		4.21%				41,119
45			346190	Remote Control & Instrument	61.3%		4.21%				567,583
46	TN	M		Security Equipment and Systems							
47	TN	M	304300	Structures & Improvement - Treatment	79.3%		4.11%				190,909
48	TN	M	304400	Struct & Imp-Treatment-T&D	18.2%		2.13%				43,791
49			304500	Structures & Improvement - General	2.6%	1	1.13%				6,193
50	TN	N		Offices and Operations Centers							
			304500	Structures & Improvement - General	0.0%	1	1.13%				-

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date September 21, 2016
Description TN BP 2017-2021 SCEP

Line #	Business Unit No.		Project Title	Account	Account Description	Portion to Account (2)	In-Service (Months) (3)	Dep Rate	Prior Year Period 11 Spend	Prior Year Period 12 Spend	2016 SCEP Reforecast	Prior 2016 SCEP In-Serviced
51												
52	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks	0.0%	1	16.00%				-
53	TN	O		341200	Transportation Equip Hvy Duty Trucks	0.0%	1	16.62%				-
54	TN	O		341300	Transportation Equip Autos	0.0%	1	11.38%				-
55												
56	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment	0.0%	1	6.89%				-
57												
58	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	5.6%		1.98%				238,495
59	TN	Q		304200	Struct & Imp-Pumping	8.8%		1.98%				375,214
60	TN	Q		304300	Struct & Imp-Treatment	0.5%		4.11%				21,474
61	TN	Q		304400	Struct & Imp-Treatment-T&D	0.6%		2.13%				25,679
62	TN	Q		304500	Structures & Improvement - General	0.7%		1.13%				27,713
63	TN	Q		304700	Struct & Imp-Store,Shop,Garage	0.0%		0.73%				-
64	TN	Q		306000	Lake, River & Other Intakes	0.6%		0.83%				24,247
65	TN	Q		309000	Supply Mains	0.2%		1.87%				9,862
66	TN	Q		310000	Power Generation Equip	0.6%		12.33%				25,066
67	TN	Q		311200	Pump Eqp Electric	0.5%		2.45%				21,062
68	TN	Q		311520	Pumping Equipment SOS	20.1%	1	1.83%				852,578
69	TN	Q		320100	WT Equip Non-Media	44.1%	1	1.09%				1,870,356
70	TN	Q		320200	Water Trmt Equip Filter Media	16.4%		33.69%				696,056
71	TN	Q		330000	Dist Reservoirs & Standpipes	0.0%		2.08%				-
72	TN	Q		331001	Transmission & Distribution Mains	0.0%		1.25%				-
73	TN	Q		334100	Meters	0.0%		7.47%				-
74	TN	Q		340200	Computer & Peripheral Equipment	0.0%	1	2.19%				-
75	TN	Q		343000	Tools, Shop, Garage Equipment	0.1%		6.89%				3,294
76	TN	Q		344000	Laboratory Equipment	0.0%		1.01%				1,452
77	TN	Q		345000	Power Operated Equipment	1.0%		7.03%				41,485
78	TN	Q		346190	Remote Control & Instrument	0.1%		4.21%				3,502
79	TN	Q		347000	Misc Equipment	0.2%		6.33%				7,793
80												
81	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	0.0%		4.11%				-
82	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	62.1%		12.06%				1,250,689
83	TN	R		320100	WT Equip Non-Media	12.9%		1.09%				259,932
84	TN	R		320200	Water Trmt Equip Filter Media	2.6%		33.69%				52,740
85	TN	R		330000	Dist Reservoirs & Standpipes	1.1%		2.08%				23,045
86	TN	R		330003	Tank Repainting	16.8%	1	11.08%				338,167
87	TN	R		330100	Elevated Tanks & Standpipes	4.5%		2.74%				90,599
88	TN	R		330200	Ground Level Tanks	0.0%		2.74%				-
89												
90	TN	S	Engineering Studies	331001	Transmission & Distribution Mains	0.0%	1	1.25%				-
91			Total Recurring Projects									
92												
93			ACQUISITIONS									
94												
95			Total Acquisitions									
96												
97			CENTRALLY SPONSORED PROJECTS									
98	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	100.0%	1	10.00%				-
99	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	100.0%	1	10.00%				-
100			Total Centrally Sponsored Projects									

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date September 21, 2016
Description TN BP 2017-2021 SCEP

Line #	Business Unit No.	Project Title	Account	Account Description	Portion to Account (2)	In-Service (Months) (3)	Dep Rate	Prior Year Period 11 Spend	Prior Year Period 12 Spend	2016 SCEP Reforecast	Prior 2016 SCEP In-Serviced
101											
102		INVESTMENT PROJECTS							Inception to Date Spend	2016 SCEP Reforecast	
103	TN	I26-020017		Electrical Motor Efficiency Enhancement (\$2.9)	100.0%	7/17/2018					-
104	TN	I26-020027		Construct 1.0MG Tank & 2500-16" ER (\$1.0)	100.0%	7/31/2019					-
105	TN	I26-020028	304300	Citico Plant Improvements Phase 1B (\$8.6)		6/1/2016	4.11%				6,290,400
106	TN	I26-020028	320100	WT Equip Non-Media	100.0%	6/1/2016	1.09%				2,096,800
107	TN	I26-020032	304200	Wastewater Treatm't & Handling Impr (\$15.3)		11/1/2015	1.98%				14,597
108	TN	I26-020032	304300	Struct & Imp-Treatment		11/1/2015	4.11%				394,579
109	TN	I26-020032	304400	Struct & Imp-T&D	100.0%	11/1/2015	2.13%				-
110	TN	I26-020032	304500	Structures & Improvement - General		11/1/2015	1.13%				9,103,923
111	TN	I26-020032	320100	WT Equip Non-Media		11/1/2015	1.09%				5,988,538
112	TN	I26-020032	330200	Ground Level Tanks		11/1/2015	2.74%				45,429
113	TN	I26-020032	347000	Misc Equipment		11/1/2015	6.33%				18,537
114	TN	I26-020034	331001	Tennessee River Crossing (\$2.5)	100.0%	12/31/2018	1.25%				-
115	TN	I26-020038	304300	Retire Basin 1	100.0%	12/31/2020					-
116	TN	I26-020039		Basin 2 Tube Settlers	100.0%	7/30/2018					-
117	TN	I26-020040		Chlorine Gas Conversion	100.0%	11/30/2020					-
118	TN	I26-020041	311200	Electrical - Breakers and Relays (\$0.6)	100.0%	12/31/2017	2.45%				-
119	TN	I26-020042		Pumping Auxiliary Power (\$1.4)	100.0%	6/30/2018					-
120	TN	I26-020043		Energy Reduction and Efficiency (\$0.87)	100.0%	12/31/2020					-
121	TN	I26-020044		New Raw Water Intake Citico (\$13)	100.0%	6/30/2022					-
122	TN	I26-020045		Renovate Filter Bldg 3 (\$0.75)	100.0%	6/30/2018					-
123	TN	I26-020046		New Field Services Facility (\$4.5)	100.0%	12/31/2020					-
124	TN	I26-050001		Raw Water Intake Improvements Whitwell (\$2)	100.0%	12/31/2021					-
125	TN	I26-050002		Facility Upgrades at Whitwell WTP (\$0.3)	100.0%	4/30/2018					-
126	TN	I26-050003		Replace 0.5 MG Storage Tanks at Whitwell (\$.5)	100.0%	12/31/2021					-
127	TN	I26-050004		Replace 0.1 MG Storage Tank at Whitwell (\$0.3)	100.0%	4/30/2018					-
128	TN	I26-020002		Post Acquisition BD Capex	100.0%						-
129	TN	I26-000001	331001	Whitwell Acquisition Capital Investment	85.0%	12/31/2014	1.25%				-
130	TN	I26-000001	320200	Water Trmt Equip Filter Media	6.0%	12/31/2014	33.69%				-
131	TN	I26-000001	311520	Pumping Equipment SOS	4.5%	12/31/2014	1.83%				-
132	TN	I26-000001	340200	Computer & Peripheral Equipment	4.5%	12/31/2014	2.19%				-
133											
134		(1) Amounts not reflected in actuals through 2016 or		Total DV Included:						\$	45,261,416
135		projections based on project costs through 2017.									
136				Total DV Excluded:						\$	45,261,416
137		(2) From prior docket #s and sourced accounts.									
138		(3) From actual or estimated in-service data provided by the company.		Total Surcharge Amt:						\$	45,261,416
139		(4) Tax depreciation rates utilized by the company.									
140				SEC Total:						\$	20,978,192
141											
142				EDI Total:						\$	835,424
143											
144				QIIP Total:						\$	23,447,800
145											

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit Tennessee
Revision Date September 21, 2016
Description TN BP 2017-2021 SCEP

Line #	Business Unit No.		Project Title	Account	Account Description	Cumulative Balance of In-Serviced Plant, from 2017 Capex, by Period					
						1	2	3	4	5	6
1			RECURRING PROJECTS								
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3	TN	DV		333000	Services	-	-	-	-	-	-
4	TN	DV		335000	Hydrants	-	-	-	-	-	-
5											
6	TN	A	Mains - New	331001	Transmission & Distribution Mains	614,531	670,019	757,875	836,483	876,558	884,264
7	TN	A		333000	Services	5,917	6,451	7,297	8,053	8,439	8,513
8	TN	A		334300	Meter Vaults	18,699	20,385	23,054	25,443	26,660	26,895
9	TN	A		335000	Hydrants	25,402	27,694	31,323	34,570	36,225	36,543
10											
11	TN	B	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	2,571,086	2,668,524	2,843,906	3,063,126	3,326,184	3,603,854
12	TN	B		333000	Services	181,301	188,174	200,545	216,009	234,565	254,151
13	TN	B		335000	Hydrants	33,486	34,752	37,033	39,883	43,304	46,914
14											
15	TN	C	Mains - Unscheduled	331001	Transmission & Distribution Mains	4,280,652	4,432,861	4,571,752	4,667,775	4,720,930	4,772,204
16	TN	C		335000	Hydrants	5,125	5,308	5,475	5,590	5,654	5,716
17											
18	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains	1,545,482	1,545,482	1,545,482	1,545,482	1,556,500	1,578,535
19	TN	D		333000	Services	1,335	1,335	1,335	1,335	1,345	1,365
20	TN	D		335000	Hydrants	11,673	11,673	11,673	11,673	11,756	11,923
21											
22	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	147,515	150,584	155,699	159,791	165,929	171,044
23	TN	E		335000	Hydrants	41,693	42,560	44,006	45,163	46,898	48,344
24											
25	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	140,790	142,965	147,315	154,928	161,453	170,044
26	TN	F		335000	Hydrants	506,611	514,436	530,086	557,474	580,949	611,858
27											
28	TN	G	Services and Laterals - New	333000	Services	-	-	-	-	-	-
29											
30	TN	H	Services and Laterals - Replaced	333000	Services	1,289,197	1,308,921	1,338,507	1,379,947	1,421,388	1,473,686
31	TN	H		334100	Meters	5,010	5,087	5,203	5,365	5,527	5,732
32											
33	TN	I	Meters - New	334100	Meters	-	-	-	-	-	-
34	TN	I		334200	Meter Installations	-	-	-	-	-	-
35											
36	TN	J	Meters - Replaced	334100	Meters	305,623	315,857	329,491	343,125	363,558	383,991
37	TN	J		334200	Meter Installations	2,444,839	2,526,720	2,635,802	2,744,884	2,908,367	3,071,850
38											
39	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment	-	-	-	-	-	-
40											
41	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media	268,337	268,337	268,337	285,236	302,135	319,034
42	TN	L		340200	Computer & Peripheral Equipment	49,331	49,331	49,331	52,441	55,550	58,659
43	TN	L		346100	Comm Equip Non-Telephone	41,119	41,119	41,119	43,709	46,299	48,889
44	TN	L		346190	Remote Control & Instrument	567,583	567,583	567,583	603,318	639,053	674,788
45											
46	TN	M	Security Equipment and Systems	304300	Structures & Improvement - Treatment	190,909	190,909	190,909	210,721	230,534	230,534
47	TN	M		304400	Struct & Imp-Treatment-T&D	43,791	43,791	43,791	48,336	52,881	52,881
48	TN	M		304500	Structures & Improvement - General	6,193	6,193	6,193	6,836	7,478	7,478
49											
50	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General	-	-	-	-	-	-

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit Tennessee
Revision Date September 21, 2016
Description TN BP 2017-2021 SCEP

					Cumulative Balance of In-Serviced Plant, from 2017 Capex, by Period						
Line #	Business Unit No.		Project Title	Account	Account Description	1	2	3	4	5	6
51											
52	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks	-	-	-	-	-	-
53	TN	O		341200	Transportation Equip Hvy Duty Trucks	-	-	-	-	-	-
54	TN	O		341300	Transportation Equip Autos	-	-	-	-	-	-
55											
56	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment	-	-	-	-	-	-
57											
58	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	238,495	239,513	241,332	244,849	248,704	250,184
59	TN	Q		304200	Struct & Imp-Pumping	375,214	376,816	379,678	385,209	391,273	393,602
60	TN	Q		304300	Struct & Imp-Treatment	21,474	21,567	21,732	22,051	22,401	22,535
61	TN	Q		304400	Struct & Imp-Treatment-T&D	25,679	25,788	25,982	26,357	26,769	26,927
62	TN	Q		304500	Structures & Improvement - General	27,713	27,830	28,041	28,448	28,893	29,065
63	TN	Q		304700	Struct & Imp-Store,Shop,Garage	-	-	-	-	-	-
64	TN	Q		306000	Lake, River & Other Intakes	24,247	24,350	24,534	24,891	25,282	25,432
65	TN	Q		309000	Supply Mains	9,862	9,903	9,978	10,122	10,280	10,340
66	TN	Q		310000	Power Generation Equip	25,066	25,173	25,364	25,733	26,138	26,293
67	TN	Q		311200	Pump Eqp Electric	21,062	21,152	21,314	21,627	21,970	22,102
68	TN	Q		311520	Pumping Equipment SOS	852,578	856,215	862,716	875,280	889,055	894,344
69	TN	Q		320100	WT Equip Non-Media	1,870,356	1,878,337	1,892,602	1,920,169	1,950,396	1,962,001
70	TN	Q		320200	Water Trmnt Equip Filter Media	696,056	699,026	704,336	714,597	725,848	730,168
71	TN	Q		330000	Dist Reservoirs & Standpipes	-	-	-	-	-	-
72	TN	Q		331001	Transmission & Distribution Mains	-	-	-	-	-	-
73	TN	Q		334100	Meters	-	-	-	-	-	-
74	TN	Q		340200	Computer & Peripheral Equipment	-	-	-	-	-	-
75	TN	Q		343000	Tools, Shop, Garage Equipment	3,294	3,309	3,334	3,384	3,439	3,460
76	TN	Q		344000	Laboratory Equipment	1,452	1,457	1,467	1,486	1,506	1,514
77	TN	Q		345000	Power Operated Equipment	41,485	41,663	41,980	42,593	43,266	43,524
78	TN	Q		346190	Remote Control & Instrument	3,502	3,516	3,542	3,592	3,647	3,668
79	TN	Q		347000	Misc Equipment	7,793	7,826	7,884	7,997	8,120	8,168
80											
81	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	-	-	-	-	-	-
82	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	1,250,689	1,250,689	1,250,689	1,250,689	1,250,689	1,250,689
83	TN	R		320100	WT Equip Non-Media	259,932	259,932	259,932	259,932	259,932	259,932
84	TN	R		320200	Water Trmnt Equip Filter Media	52,740	52,740	52,740	52,740	52,740	52,740
85	TN	R		330000	Dist Reservoirs & Standpipes	23,045	23,045	23,045	23,045	23,045	23,045
86	TN	R		330003	Tank Repainting	338,167	338,167	338,167	338,167	338,167	338,167
87	TN	R		330100	Elevated Tanks & Standpipes	90,599	90,599	90,599	90,599	90,599	90,599
88	TN	R		330200	Ground Level Tanks	-	-	-	-	-	-
89											
90	TN	S	Engineering Studies	331001	Transmission & Distribution Mains	-	-	-	-	-	-
91			Total Recurring Projects								
92											
93			ACQUISITIONS								
94											
95			Total Acquisitions								
96											
97			CENTRALLY SPONSORED PROJECTS								
98	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	-	-	-	-	-	-
99	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	-	-	-	-	-	-
100			Total Centrally Sponsored Projects								

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit Tennessee
Revision Date September 21, 2016
Description TN BP 2017-2021 SCEP

					Cumulative Balance of In-Serviced Plant, from 2017 Capex, by Period						
Line #	Business Unit No.		Project Title	Account	Account Description	1	2	3	4	5	6
101											
102			INVESTMENT PROJECTS								
103	TN	I26-020017	Electrical Motor Efficiency Enhancement (\$2.9)			-	-	-	-	-	-
104	TN	I26-020027	Construct 1.0MG Tank & 2500-16" ER (\$1.0)			-	-	-	-	-	-
105	TN	I26-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment	6,290,400	6,290,400	6,290,400	6,290,400	6,290,400	6,290,400
106	TN	I26-020028		320100	WT Equip Non-Media	2,096,800	2,096,800	2,096,800	2,096,800	2,096,800	2,096,800
107	TN	I26-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping	14,597	14,597	14,597	14,597	14,597	14,597
108	TN	I26-020032		304300	Struct & Imp-Treatment	394,579	394,579	394,579	394,579	394,579	394,579
109	TN	I26-020032		304400	Struct & Imp-T&D	-	-	-	-	-	-
110	TN	I26-020032		304500	Structures & Improvement - General	9,103,923	9,103,923	9,103,923	9,103,923	9,103,923	9,103,923
111	TN	I26-020032		320100	WT Equip Non-Media	5,988,538	5,988,538	5,988,538	5,988,538	5,988,538	5,988,538
112	TN	I26-020032		330200	Ground Level Tanks	45,429	45,429	45,429	45,429	45,429	45,429
113	TN	I26-020032		347000	Misc Equipment	18,537	18,537	18,537	18,537	18,537	18,537
114	TN	I26-020034	Tennessee River Crossing (\$2.5)	331001	Transmission & Distribution Mains	-	-	-	-	-	-
115	TN	I26-020038	Retire Basin 1	304300	Struct & Imp-WT	-	-	-	-	-	-
116	TN	I26-020039	Basin 2 Tube Settlers			-	-	-	-	-	-
117	TN	I26-020040	Chlorine Gas Conversion			-	-	-	-	-	-
118	TN	I26-020041	Electrical - Breakers and Relays (\$0.6)	311200	Pump Eqp Electric	-	-	-	-	-	-
119	TN	I26-020042	Pumping Auxiliary Power (\$1.4)			-	-	-	-	-	-
120	TN	I26-020043	Energy Reduction and Efficiency (\$0.87)			-	-	-	-	-	-
121	TN	I26-020044	New Raw Water Intake Citico (\$13)			-	-	-	-	-	-
122	TN	I26-020045	Renovate Filter Bldg 3 (\$0.75)			-	-	-	-	-	-
123	TN	I26-020046	New Field Services Facility (\$4.5)			-	-	-	-	-	-
124	TN	I26-050001	Raw Water Intake Improvements Whitwell (\$2)			-	-	-	-	-	-
125	TN	I26-050002	Facility Upgrades at Whitwell WTP (\$0.3)			-	-	-	-	-	-
126	TN	I26-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$5)			-	-	-	-	-	-
127	TN	I26-050004	Replace 0.1 MG Storage Tank at Whitwell (\$0.3)			-	-	-	-	-	-
128	TN	I26-020002	Post Acquisition BD Capex			-	-	-	-	-	-
129	TN	I26-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains	-	-	-	-	-	-
130	TN	I26-000001		320200	Water Trmt Equip Filter Media	-	-	-	-	-	-
131	TN	I26-000001		311520	Pumping Equipment SOS	-	-	-	-	-	-
132	TN	I26-000001		340200	Computer & Peripheral Equipment	-	-	-	-	-	-
133											
134	(1) Amounts not reflected in actuals through 2016 or				Total DV Included:						
135	projections based on project costs through 2017.										
136					Total DV Excluded:						
137	(2) From prior docket #s and sourced accounts.										
138	(3) From actual or estimated in-service data provided by the company.				Total Surcharge Amt:						
139	(4) Tax depreciation rates utilized by the company.										
140					SEC Total:						
141											
142					EDI Total:						
143											
144					QIIP Total:						
145											

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date September 21, 2016
Description TN BP 2017-2021 SCEP

					Cumulative Balance of In-Serviced Plant, from 2017 Capex, by Period						
Line #	Business Unit No.		Project Title	Account	Account Description	7	8	9	10	11	12
1			RECURRING PROJECTS								
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3	TN	DV		333000	Services	-	-	-	-	-	-
4	TN	DV		335000	Hydrants	-	-	-	-	-	-
5											
6	TN	A	Mains - New	331001	Transmission & Distribution Mains	884,264	884,264	884,264	884,264	884,264	884,264
7	TN	A		333000	Services	8,513	8,513	8,513	8,513	8,513	8,513
8	TN	A		334300	Meter Vaults	26,895	26,895	26,895	26,895	26,895	26,895
9	TN	A		335000	Hydrants	36,543	36,543	36,543	36,543	36,543	36,543
10											
11	TN	B	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	3,881,524	4,159,194	4,411,406	4,605,167	4,740,477	4,841,291
12	TN	B		333000	Services	273,737	293,324	311,115	324,782	334,327	341,438
13	TN	B		335000	Hydrants	50,524	54,135	57,414	59,934	61,693	63,004
14											
15	TN	C	Mains - Unscheduled	331001	Transmission & Distribution Mains	4,836,071	4,910,764	4,975,686	5,031,363	5,090,358	5,171,202
16	TN	C		335000	Hydrants	5,792	5,882	5,960	6,027	6,098	6,195
17											
18	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains	1,611,588	1,633,624	1,644,642	1,644,642	1,644,642	1,644,642
19	TN	D		333000	Services	1,395	1,415	1,425	1,425	1,425	1,425
20	TN	D		335000	Hydrants	12,173	12,340	12,423	12,423	12,423	12,423
21											
22	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	177,897	186,593	195,288	202,449	205,518	205,518
23	TN	E		335000	Hydrants	50,282	52,740	55,198	57,223	58,090	58,090
24											
25	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	178,657	190,619	201,494	212,174	218,699	222,157
26	TN	F		335000	Hydrants	642,845	685,882	725,007	763,428	786,903	799,345
27											
28	TN	G	Services and Laterals - New	333000	Services	-	-	-	-	-	-
29											
30	TN	H	Services and Laterals - Replaced	333000	Services	1,524,988	1,566,429	1,591,084	1,625,601	1,655,187	1,676,281
31	TN	H		334100	Meters	5,933	6,095	6,192	6,327	6,443	6,525
32											
33	TN	I	Meters - New	334100	Meters	-	-	-	-	-	-
34	TN	I		334200	Meter Installations	-	-	-	-	-	-
35											
36	TN	J	Meters - Replaced	334100	Meters	404,424	424,857	444,871	459,039	472,672	482,906
37	TN	J		334200	Meter Installations	3,235,334	3,398,817	3,558,944	3,672,302	3,781,384	3,863,265
38											
39	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment	-	-	-	-	-	-
40											
41	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media	319,034	319,034	319,034	319,034	319,034	319,034
42	TN	L		340200	Computer & Peripheral Equipment	58,659	58,659	58,659	58,659	58,659	58,659
43	TN	L		346100	Comm Equip Non-Telephone	48,889	48,889	48,889	48,889	48,889	48,889
44	TN	L		346190	Remote Control & Instrument	674,788	674,788	674,788	674,788	674,788	674,788
45											
46	TN	M	Security Equipment and Systems	304300	Structures & Improvement - Treatment	238,459	266,636	290,852	301,859	301,859	301,859
47	TN	M		304400	Struct & Imp-Treatment-T&D	54,699	61,163	66,718	69,243	69,243	69,243
48	TN	M		304500	Structures & Improvement - General	7,735	8,649	9,434	9,791	9,791	9,791
49											
50	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General	-	-	-	-	-	-

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit Tennessee
Revision Date September 21, 2016
Description TN BP 2017-2021 SCEP

						Cumulative Balance of In-Serviced Plant, from 2017 Capex, by Period					
Line #	Business Unit No.		Project Title	Account	Account Description	7	8	9	10	11	12
51											
52	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks	-	-	-	-	-	-
53	TN	O		341200	Transportation Equip Hvy Duty Trucks	-	-	-	-	-	-
54	TN	O		341300	Transportation Equip Autos	-	-	-	-	-	-
55											
56	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment	-	-	-	-	-	-
57											
58	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	252,343	253,484	258,697	262,383	265,899	267,719
59	TN	Q		304200	Struct & Imp-Pumping	396,997	398,792	406,992	412,789	418,320	421,182
60	TN	Q		304300	Struct & Imp-Treatment	22,731	22,834	23,307	23,642	23,961	24,126
61	TN	Q		304400	Struct & Imp-Treatment-T&D	27,157	27,279	27,836	28,229	28,605	28,799
62	TN	Q		304500	Structures & Improvement - General	29,314	29,446	30,049	30,476	30,882	31,093
63	TN	Q		304700	Struct & Imp-Store,Shop,Garage	-	-	-	-	-	-
64	TN	Q		306000	Lake, River & Other Intakes	25,651	25,767	26,296	26,669	27,026	27,211
65	TN	Q		309000	Supply Mains	10,428	10,475	10,689	10,839	10,983	11,058
66	TN	Q		310000	Power Generation Equip	26,520	26,640	27,187	27,574	27,943	28,134
67	TN	Q		311200	Pump Eqp Electric	22,294	22,395	22,859	23,187	23,500	23,662
68	TN	Q		311520	Pumping Equipment SOS	902,058	906,135	924,760	937,929	950,493	956,994
69	TN	Q		320100	WT Equip Non-Media	1,978,927	1,987,872	2,028,739	2,057,636	2,085,203	2,099,468
70	TN	Q		320200	Water Trmt Equip Filter Media	736,468	739,797	755,009	765,765	776,026	781,336
71	TN	Q		330000	Dist Reservoirs & Standpipes	-	-	-	-	-	-
72	TN	Q		331001	Transmission & Distribution Mains	-	-	-	-	-	-
73	TN	Q		334100	Meters	-	-	-	-	-	-
74	TN	Q		340200	Computer & Peripheral Equipment	-	-	-	-	-	-
75	TN	Q		343000	Tools, Shop, Garage Equipment	3,491	3,507	3,582	3,634	3,684	3,710
76	TN	Q		344000	Laboratory Equipment	1,526	1,532	1,560	1,579	1,598	1,608
77	TN	Q		345000	Power Operated Equipment	43,900	44,099	45,008	45,651	46,264	46,581
78	TN	Q		346190	Remote Control & Instrument	3,699	3,715	3,789	3,842	3,892	3,918
79	TN	Q		347000	Misc Equipment	8,237	8,273	8,440	8,558	8,671	8,729
80											
81	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	-	-	-	-	-	-
82	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	1,250,689	1,250,689	1,250,689	1,434,157	1,701,531	1,939,632
83	TN	R		320100	WT Equip Non-Media	259,932	259,932	259,932	298,068	353,646	403,138
84	TN	R		320200	Water Trmt Equip Filter Media	52,740	52,740	52,740	60,486	71,773	81,825
85	TN	R		330000	Dist Reservoirs & Standpipes	23,045	23,045	23,045	26,415	31,327	35,701
86	TN	R		330003	Tank Repainting	338,167	338,167	338,167	387,774	460,068	524,446
87	TN	R		330100	Elevated Tanks & Standpipes	90,599	90,599	90,599	103,903	123,290	140,555
88	TN	R		330200	Ground Level Tanks	-	-	-	-	-	-
89											
90	TN	S	Engineering Studies	331001	Transmission & Distribution Mains	-	-	-	-	-	-
91			Total Recurring Projects								
92											
93			ACQUISITIONS								
94											
95			Total Acquisitions								
96											
97			CENTRALLY SPONSORED PROJECTS								
98	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	-	-	-	-	-	-
99	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	-	-	-	-	-	-
100			Total Centrally Sponsored Projects								

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date September 21, 2016
Description TN BP 2017-2021 SCEP

					Cumulative Balance of In-Serviced Plant, from 2017 Capex, by Period						
Line #	Business Unit No.		Project Title	Account	Account Description	7	8	9	10	11	12
101											
102			INVESTMENT PROJECTS								
103	TN	I26-020017	Electrical Motor Efficiency Enhancement (\$2.9)			-	-	-	-	-	-
104	TN	I26-020027	Construct 1.0MG Tank & 2500-16" ER (\$1.0)			-	-	-	-	-	-
105	TN	I26-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment	6,290,400	6,290,400	6,290,400	6,290,400	6,290,400	6,290,400
106	TN	I26-020028		320100	WT Equip Non-Media	2,096,800	2,096,800	2,096,800	2,096,800	2,096,800	2,096,800
107	TN	I26-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping	14,597	14,597	14,597	14,597	14,597	14,597
108	TN	I26-020032		304300	Struct & Imp-Treatment	394,579	394,579	394,579	394,579	394,579	394,579
109	TN	I26-020032		304400	Struct & Imp-T&D	-	-	-	-	-	-
110	TN	I26-020032		304500	Structures & Improvement - General	9,103,923	9,103,923	9,103,923	9,103,923	9,103,923	9,103,923
111	TN	I26-020032		320100	WT Equip Non-Media	5,988,538	5,988,538	5,988,538	5,988,538	5,988,538	5,988,538
112	TN	I26-020032		330200	Ground Level Tanks	45,429	45,429	45,429	45,429	45,429	45,429
113	TN	I26-020032		347000	Misc Equipment	18,537	18,537	18,537	18,537	18,537	18,537
114	TN	I26-020034	Tennessee River Crossing (\$2.5)	331001	Transmission & Distribution Mains	-	-	-	-	-	-
115	TN	I26-020038	Retire Basin 1	304300	Struct & Imp-WT	-	-	-	-	-	-
116	TN	I26-020039	Basin 2 Tube Settlers			-	-	-	-	-	-
117	TN	I26-020040	Chlorine Gas Conversion			-	-	-	-	-	-
118	TN	I26-020041	Electrical - Breakers and Relays (\$0.6)	311200	Pump Eqp Electric	-	-	-	-	-	-
119	TN	I26-020042	Pumping Auxiliary Power (\$1.4)			-	-	-	-	-	-
120	TN	I26-020043	Energy Reduction and Efficiency (\$0.87)			-	-	-	-	-	-
121	TN	I26-020044	New Raw Water Intake Citico (\$13)			-	-	-	-	-	-
122	TN	I26-020045	Renovate Filter Bldg 3 (\$0.75)			-	-	-	-	-	-
123	TN	I26-020046	New Field Services Facility (\$4.5)			-	-	-	-	-	-
124	TN	I26-050001	Raw Water Intake Improvements Whitwell (\$2)			-	-	-	-	-	-
125	TN	I26-050002	Facility Upgrades at Whitwell WTP (\$0.3)			-	-	-	-	-	-
126	TN	I26-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$0.5)			-	-	-	-	-	-
127	TN	I26-050004	Replace 0.1 MG Storage Tank at Whitwell (\$0.3)			-	-	-	-	-	-
128	TN	I26-020002	Post Acquisition BD Capex			-	-	-	-	-	-
129	TN	I26-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains	-	-	-	-	-	-
130	TN	I26-000001		320200	Water Trmt Equip Filter Media	-	-	-	-	-	-
131	TN	I26-000001		311520	Pumping Equipment SOS	-	-	-	-	-	-
132	TN	I26-000001		340200	Computer & Peripheral Equipment	-	-	-	-	-	-
133											
134	(1) Amounts not reflected in actuals through 2016 or					Total DV Included:					53,677,612
135	projections based on project costs through 2017.										
136						Total DV Excluded:					53,677,612
137	(2) From prior docket #s and sourced accounts.										
138	(3) From actual or estimated in-service data provided by the company.					Total Surcharge Amt:					53,677,612
139	(4) Tax depreciation rates utilized by the company.										
140						SEC Total:					21,813,192
141											
142						EDI Total:					1,219,824
143											
144						QIIP Total:					30,644,596
145											

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit Tennessee
Revision Date September 21, 2016
Description TN BP 2017-2021 SCEP

2017

Line #	Business Unit No.	Project Title	Account	Account Description	Surcharge	Average Plant in Service	Average Retires (Replacement Projects Only)	Average CIAC	Depreciation Expense	Cost of Removal Less Salvage
1		RECURRING PROJECTS								
2	TN	DV	331001	Transmission & Distribution Mains		\$ -	\$ -	\$ -	\$ -	\$ -
3	TN	DV	333000	Services		-	-	-	-	-
4	TN	DV	335000	Hydrants		-	-	-	-	-
5										
6	TN	A	331001	Transmission & Distribution Mains	EDI	810,992	-	-	10,137	-
7	TN	A	333000	Services	EDI	7,808	-	-	87	-
8	TN	A	334300	Meter Vaults	EDI	24,668	-	-	673	-
9	TN	A	335000	Hydrants	EDI	33,517	-	-	771	-
10										
11	TN	B	331001	Transmission & Distribution Mains	QIIP	3,633,700	(137,689)	-	43,700	47,199
12	TN	B	333000	Services	QIIP	256,256	-	-	2,844	43,766
13	TN	B	335000	Hydrants	QIIP	47,302	(2,022)	-	1,041	913
14										
15	TN	C	331001	Transmission & Distribution Mains	QIIP	4,740,034	(135,306)	-	57,559	470,865
16	TN	C	335000	Hydrants	QIIP	5,677	-	-	131	-
17										
18	TN	D	331001	Transmission & Distribution Mains	QIIP	1,591,248	(129,209)	(493,440)	12,107	122,355
19	TN	D	333000	Services	QIIP	1,376	-	-	15	48,961
20	TN	D	335000	Hydrants	QIIP	12,019	(66,209)	-	(1,246)	-
21										
22	TN	E	331001	Transmission & Distribution Mains	EDI	174,718	-	-	2,184	-
23	TN	E	335000	Hydrants	EDI	49,383	(1,056)	(3,845)	1,023	1,117
24										
25	TN	F	331001	Transmission & Distribution Mains	QIIP	175,545	(21,234)	-	1,929	53,231
26	TN	F	335000	Hydrants	QIIP	631,649	(46,757)	-	13,453	743
27										
28	TN	G	333000	Services		-	-	(36,980)	(410)	-
29										
30	TN	H	333000	Services	QIIP	1,471,581	(31,161)	-	15,989	373,862
31	TN	H	334100	Meters	QIIP	5,724	(7,403)	-	(125)	11,152
32										
33	TN	I	334100	Meters		-	-	-	-	-
34	TN	I	334200	Meter Installations		-	-	-	-	-
35										
36	TN	J	334100	Meters	QIIP	386,600	(346,600)	-	2,988	126,293
37	TN	J	334200	Meter Installations	QIIP	3,092,728	(28,421)	-	83,656	687,678
38										
39	TN	K	340200	Computer & Peripheral Equipment		-	-	-	-	-
40										
41	TN	L	320100	WT Equip Non-Media	SEC	299,535	(13,533)	-	3,117	6,494
42	TN	L	340200	Computer & Peripheral Equipment	SEC	55,071	-	-	1,206	-
43	TN	L	346100	Comm Equip Non-Telephone	SEC	45,901	-	-	1,932	-
44	TN	L	346190	Remote Control & Instrument	SEC	633,555	(60,338)	-	24,132	3,061
45										
46	TN	M	304300	Structures & Improvement - Treatment	SEC	241,303	(7,326)	-	9,616	2,493
47	TN	M	304400	Struct & Imp-Treatment-T&D	SEC	55,351	-	-	1,179	-
48	TN	M	304500	Structures & Improvement - General	SEC	7,827	-	-	88	-
49										
50	TN	N	304500	Structures & Improvement - General		-	-	-	-	-

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit Tennessee
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2017

Line #	Business Unit No.		Project Title	Account	Account Description	Surcharge	Average Plant in Service	Average Retires (Replacement Projects Only)	Average CIAC	Depreciation Expense	Cost of Removal Less Salvage
51											
52	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks		-	-	-	-	-
53	TN	O		341200	Transportation Equip Hvy Duty Trucks		-	-	-	-	-
54	TN	O		341300	Transportation Equip Autos		-	-	-	-	-
55											
56	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment		-	-	-	-	-
57											
58	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	SEC	250,931	-	-	4,968	874
59	TN	Q		304200	Struct & Imp-Pumping	SEC	394,775	(23,900)	-	7,343	11,123
60	TN	Q		304300	Struct & Imp-Treatment	SEC	22,603	(5,863)	-	688	2,254
61	TN	Q		304400	Struct & Imp-Treatment-T&D	SEC	27,007	-	-	575	-
62	TN	Q		304500	Structures & Improvement - General	SEC	29,151	-	-	329	277
63	TN	Q		304700	Struct & Imp-Store,Shop,Garage	SEC	-	(7,869)	-	(57)	1
64	TN	Q		306000	Lake, River & Other Intakes	SEC	25,508	-	-	212	313
65	TN	Q		309000	Supply Mains	SEC	10,371	-	-	194	-
66	TN	Q		310000	Power Generation Equip	SEC	26,372	-	-	3,252	115
67	TN	Q		311200	Pump Eqp Electric	SEC	22,168	(59,020)	-	(903)	6,484
68	TN	Q		311520	Pumping Equipment SOS	SEC	897,010	(62,778)	-	15,266	10,262
69	TN	Q		320100	WT Equip Non-Media	SEC	1,967,851	(351,021)	-	17,623	306,014
70	TN	Q		320200	Water Trmt Equip Filter Media	SEC	732,345	(377,873)	-	119,422	411,495
71	TN	Q		330000	Dist Reservoirs & Standpipes	SEC	-	(0)	-	(0)	-
72	TN	Q		331001	Transmission & Distribution Mains	SEC	-	-	-	-	-
73	TN	Q		334100	Meters	SEC	-	-	-	-	-
74	TN	Q		340200	Computer & Peripheral Equipment	SEC	-	(0)	-	(0)	105
75	TN	Q		343000	Tools, Shop, Garage Equipment	SEC	3,471	(2,875)	-	41	-
76	TN	Q		344000	Laboratory Equipment	SEC	1,518	(157,713)	-	(1,578)	1,088
77	TN	Q		345000	Power Operated Equipment	SEC	43,654	(11,976)	-	2,227	1,779
78	TN	Q		346190	Remote Control & Instrument	SEC	3,679	(3,284)	-	17	-
79	TN	Q		347000	Misc Equipment	SEC	8,191	(2,000)	-	392	2,699
80											
81	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	QIIP	-	(94,900)	-	(3,900)	-
82	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	QIIP	1,352,478	(217,040)	-	136,934	844,106
83	TN	R		320100	WT Equip Non-Media	QIIP	281,090	(157,882)	-	1,343	114,152
84	TN	R		320200	Water Trmt Equip Filter Media	QIIP	57,037	(46,410)	-	3,580	263,392
85	TN	R		330000	Dist Reservoirs & Standpipes	QIIP	24,915	-	-	518	0
86	TN	R		330003	Tank Repainting	QIIP	365,689	(139,780)	-	25,031	262,622
87	TN	R		330100	Elevated Tanks & Standpipes	QIIP	97,980	-	-	2,685	-
88	TN	R		330200	Ground Level Tanks	QIIP	-	(446)	-	(12)	977
89											
90	TN	S	Engineering Studies	331001	Transmission & Distribution Mains		-	-	-	-	-
91			Total Recurring Projects								
92											
93			ACQUISITIONS								
94											
95			Total Acquisitions								
96											
97			CENTRALLY SPONSORED PROJECTS								
98	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		-			-	
99	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		-			-	
100			Total Centrally Sponsored Projects								

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 Qualified Infrastructure Improvement Program
 Economic Development Rider
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**STRATEGIC CAPITAL EXPENDITURE PLAN
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Business Unit Tennessee
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2017

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101										
102		INVESTMENT PROJECTS								
103	TN	I26-020017		Electrical Motor Efficiency Enhancement (\$2.9)	SEC	-			-	
104	TN	I26-020027		Construct 1.0MG Tank & 2500-16" ER (\$1.0)	EDI	-			-	
105	TN	I26-020028	304300	Citico Plant Improvements Phase 1B (\$8.6)	QIIP	6,290,400	(42,385) (1)		256,793	850,267 (1)
106	TN	I26-020028	320100	WT Equip Non-Media	QIIP	2,096,800			22,855	
107	TN	I26-020032	304200	Wastewater Treatm't & Handling Impr (\$15.3)	SEC	14,597	(14,622)		(1)	375,638 (1)
108	TN	I26-020032	304300	Struct & Imp-Treatment	SEC	394,579	(54,346)		13,984	1,396,120 (1)
109	TN	I26-020032	304400	Struct & Imp-T&D	SEC	-			-	
110	TN	I26-020032	304500	Structures & Improvement - General	SEC	9,103,923			102,874	
111	TN	I26-020032	320100	WT Equip Non-Media	SEC	5,988,538	(305)		65,272	7,834 (1)
112	TN	I26-020032	330200	Ground Level Tanks	SEC	45,429			1,245	
113	TN	I26-020032	347000	Misc Equipment	SEC	18,537			1,173	
114	TN	I26-020034	331001	Tennessee River Crossing (\$2.5)	QIIP	-			-	
115	TN	I26-020038	304300	Retire Basin 1	SEC	-			-	
116	TN	I26-020039		Basin 2 Tube Settlers	SEC	-			-	
117	TN	I26-020040		Chlorine Gas Conversion	SEC	-			-	
118	TN	I26-020041	311200	Electrical - Breakers and Relays (\$0.6)	QIIP	-			-	
119	TN	I26-020042		Pumping Auxiliary Power (\$1.4)	SEC	-			-	
120	TN	I26-020043		Energy Reduction and Efficiency (\$0.87)	QIIP	-			-	
121	TN	I26-020044		New Raw Water Intake Citico (\$13)	SEC	-			-	
122	TN	I26-020045		Renovate Filter Bldg 3 (\$0.75)	QIIP	-			-	
123	TN	I26-020046		New Field Services Facility (\$4.5)		-			-	
124	TN	I26-050001		Raw Water Intake Improvements Whitwell (\$2)	SEC	-			-	
125	TN	I26-050002		Facility Upgrades at Whitwell WTP (\$0.3)	SEC	-			-	
126	TN	I26-050003		Replace 0.5 MG Storage Tanks at Whitwell (\$0.5)	SEC	-			-	
127	TN	I26-050004		Replace 0.1 MG Storage Tank at Whitwell (\$0.3)	SEC	-			-	
128	TN	I26-020002		Post Acquisition BD Capex		-			-	
129	TN	I26-000001	331001	Whitwell Acquisition Capital Investment	QIIP	-			-	
130	TN	I26-000001	320200	Water Trmt Equip Filter Media	QIIP	-			-	
131	TN	I26-000001	311520	Pumping Equipment SOS	QIIP	-			-	
132	TN	I26-000001	340200	Computer & Peripheral Equipment	QIIP	-			-	
133										
134		(1) Amounts not reflected in actuals through 2016 or		Total DV Included:		\$ 49,089,666	\$ (2,868,552)	\$ (534,265)	\$ 1,090,163	\$ 6,870,174
135		projections based on project costs through 2017.								
136				Total DV Excluded:		\$ 49,089,666	\$ (2,868,552)	\$ (534,265)	\$ 1,090,163	\$ 6,870,174
137		(2) From prior docket #s and sourced accounts.								
138		(3) From actual or estimated in-service data provided by the company.		Total Surcharge Amt:		\$ 49,089,666	\$ (2,868,552)	\$ (497,284)	\$ 1,090,574	\$ 6,870,174
139		(4) Tax depreciation rates utilized by the company.								
140				SEC Total:		\$ 21,370,751	\$ (1,216,644)	\$ -	\$ 395,831	\$ 2,546,524
141										
142				EDI Total:		\$ 1,101,086	\$ (1,056)	\$ (3,845)	\$ 14,875	\$ 1,117
143										
144				QIIP Total:		\$ 26,617,829	\$ (1,650,853)	\$ (493,440)	\$ 679,867	\$ 4,322,533
145										

Tennessee American Water Company
 Qualified Infrastructure Improvement Program
 Economic Development Rider
 Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
 PROGRAM**

Business Unit Tennessee
Revision Date September 21, 2016
Description TN BP 2017-2021 SCEP

Line #	Business Unit No.	Project Title	Account	Account Description	Tax Depr class life	Y1 Tax Depr Rate (4)	Y2 Tax Depr Rate (4)	Y3 Tax Depr Rate (4)	Y4 Tax Depr Rate (4)	Tax Depreciation	Tax over Book Depreciation	Tax Rate	Depreciation Deferred Tax (DTA, (DTL))
1		RECURRING PROJECTS											
2	TN	DV	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	0.04	0.04	-	-	0.39225	-
3	TN	DV	333000	Services	25 yr	0.02	0.04	0.04	0.04	-	-	0.39225	-
4	TN	DV	335000	Hydrants	25 yr	0.02	0.04	0.04	0.04	-	-	0.39225	-
5													
6	TN	A	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	0.04	0.04	29,637	19,499	0.39225	(7,649)
7	TN	A	333000	Services	25 yr	0.02	0.04	0.04	0.04	285	199	0.39225	(78)
8	TN	A	334300	Meter Vaults	25 yr	0.02	0.04	0.04	0.04	902	228	0.39225	(89)
9	TN	A	335000	Hydrants	25 yr	0.02	0.04	0.04	0.04	1,225	454	0.39225	(178)
10													
11	TN	B	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	0.04	0.04	147,273	103,573	0.39225	(40,627)
12	TN	B	333000	Services	25 yr	0.02	0.04	0.04	0.04	10,386	7,542	0.39225	(2,958)
13	TN	B	335000	Hydrants	25 yr	0.02	0.04	0.04	0.04	1,917	876	0.39225	(343)
14													
15	TN	C	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	0.04	0.04	186,600	129,041	0.39225	(50,616)
16	TN	C	335000	Hydrants	25 yr	0.02	0.04	0.04	0.04	223	93	0.39225	(36)
17													
18	TN	D	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	0.04	0.04	63,802	51,695	0.39225	(20,277)
19	TN	D	333000	Services	25 yr	0.02	0.04	0.04	0.04	55	40	0.39225	(16)
20	TN	D	335000	Hydrants	25 yr	0.02	0.04	0.04	0.04	482	1,728	0.39225	(678)
21													
22	TN	E	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	0.04	0.04	7,061	4,877	0.39225	(1,913)
23	TN	E	335000	Hydrants	25 yr	0.02	0.04	0.04	0.04	1,996	973	0.39225	(381)
24													
25	TN	F	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	0.04	0.04	7,259	5,330	0.39225	(2,091)
26	TN	F	335000	Hydrants	25 yr	0.02	0.04	0.04	0.04	26,119	12,667	0.39225	(4,968)
27													
28	TN	G	333000	Services	25 yr	0.02	0.04	0.04	0.04	-	410	0.39225	(161)
29													
30	TN	H	333000	Services	25 yr	0.02	0.04	0.04	0.04	59,112	43,124	0.39225	(16,915)
31	TN	H	334100	Meters	25 yr	0.02	0.04	0.04	0.04	230	355	0.39225	(139)
32													
33	TN	I	334100	Meters	25 yr	0.02	0.04	0.04	0.04	-	-	0.39225	-
34	TN	I	334200	Meter Installations	25 yr	0.02	0.04	0.04	0.04	-	-	0.39225	-
35													
36	TN	J	334100	Meters	25 yr	0.02	0.04	0.04	0.04	15,566	12,578	0.39225	(4,934)
37	TN	J	334200	Meter Installations	25 yr	0.02	0.04	0.04	0.04	124,524	40,869	0.39225	(16,031)
38													
39	TN	K	340200	Computer & Peripheral Equipment	5 yr	0.2	0.32	0.192	0.1152	-	-	0.39225	-
40													
41	TN	L	320100	WT Equip Non-Media	25 yr	0.02	0.04	0.04	0.04	11,747	8,630	0.39225	(3,385)
42	TN	L	340200	Computer & Peripheral Equipment	5 yr	0.2	0.32	0.192	0.1152	16,330	15,124	0.39225	(5,932)
43	TN	L	346100	Comm Equip Non-Telephone	5 yr	0.2	0.32	0.192	0.1152	5,046	3,114	0.39225	(1,221)
44	TN	L	346190	Remote Control & Instrument	5 yr	0.2	0.32	0.192	0.1152	136,037	111,905	0.39225	(43,895)
45													
46	TN	M	304300	Structures & Improvement - Treatment	39 yr	0.01282	0.02564	0.02564	0.02564	6,317	(3,299)	0.39225	1,294
47	TN	M	304400	Struct & Imp-Treatment-T&D	39 yr	0.01282	0.02564	0.02564	0.02564	1,449	270	0.39225	(106)
48	TN	M	304500	Structures & Improvement - General	39 yr	0.01282	0.02564	0.02564	0.02564	364	275	0.39225	(108)
49													
50	TN	N	304500	Structures & Improvement - General	39 yr	0.01282	0.02564	0.02564	0.02564	-	-	0.39225	-

Tennessee American Water Company
 Qualified Infrastructure Improvement Program
 Economic Development Rider
 Safety and Environmental Compliance Rider

STRATEGIC CAPITAL EXPENDITURE PLAN
 PROGRAM

Business Unit Tennessee
 Revision Date September 21, 2016
 Description TN BP 2017-2021 SCEP

Line #	Business Unit		Project Title	Account	Account Description	Tax Depr class life	Y1 Tax Depr Rate (4)	Y2 Tax Depr Rate (4)	Y3 Tax Depr Rate (4)	Y4 Tax Depr Rate (4)	Tax Depreciation	Tax over Book Depreciation	Tax Rate	Depreciation Deferred Tax (DTA, DTL))
51														
52	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks	5 yr	0.2	0.32	0.192	0.1152	-	-	0.39225	-
53	TN	O		341200	Transportation Equip Hvy Duty Trucks	5 yr	0.2	0.32	0.192	0.1152	-	-	0.39225	-
54	TN	O		341300	Transportation Equip Autos	5 yr	0.2	0.32	0.192	0.1152	-	-	0.39225	-
55														
56	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment	25 yr	0.02	0.04	0.04	0.04	-	-	0.39225	-
57														
58	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	39 yr	0.01282	0.02564	0.02564	0.02564	6,490	1,521	0.39225	(597)
59	TN	Q		304200	Struct & Imp-Pumping	39 yr	0.01282	0.02564	0.02564	0.02564	10,210	2,866	0.39225	(1,124)
60	TN	Q		304300	Struct & Imp-Treatment	39 yr	0.01282	0.02564	0.02564	0.02564	585	(103)	0.39225	41
61	TN	Q		304400	Struct & Imp-Treatment-T&D	39 yr	0.01282	0.02564	0.02564	0.02564	698	123	0.39225	(48)
62	TN	Q		304500	Structures & Improvement - General	39 yr	0.01282	0.02564	0.02564	0.02564	754	424	0.39225	(167)
63	TN	Q		304700	Struct & Imp-Store,Shop,Garage	39 yr	0.01282	0.02564	0.02564	0.02564	-	57	0.39225	(23)
64	TN	Q		306000	Lake, River & Other Intakes	25 yr	0.02	0.04	0.04	0.04	1,029	817	0.39225	(321)
65	TN	Q		309000	Supply Mains	25 yr	0.02	0.04	0.04	0.04	418	224	0.39225	(88)
66	TN	Q		310000	Power Generation Equip	25 yr	0.02	0.04	0.04	0.04	1,064	(2,188)	0.39225	858
67	TN	Q		311200	Pump Equip Electric	25 yr	0.02	0.04	0.04	0.04	894	1,797	0.39225	(705)
68	TN	Q		311520	Pumping Equipment SOS	25 yr	0.02	0.04	0.04	0.04	36,191	20,925	0.39225	(8,208)
69	TN	Q		320100	WT Equip Non-Media	25 yr	0.02	0.04	0.04	0.04	79,396	61,773	0.39225	(24,230)
70	TN	Q		320200	Water Trmt Equip Filter Media	25 yr	0.02	0.04	0.04	0.04	29,548	(89,874)	0.39225	35,253
71	TN	Q		330000	Dist Reservoirs & Standpipes	25 yr	0.02	0.04	0.04	0.04	-	0	0.39225	(0)
72	TN	Q		331001	Transmission & Distribution Mains	25 yr	0.02	0.04	0.04	0.04	-	-	0.39225	-
73	TN	Q		334100	Meters	25 yr	0.02	0.04	0.04	0.04	-	-	0.39225	-
74	TN	Q		340200	Computer & Peripheral Equipment	5 yr	0.2	0.32	0.192	0.1152	-	0	0.39225	(0)
75	TN	Q		343000	Tools, Shop, Garage Equipment	25 yr	0.02	0.04	0.04	0.04	140	99	0.39225	(39)
76	TN	Q		344000	Laboratory Equipment	25 yr	0.02	0.04	0.04	0.04	61	1,639	0.39225	(643)
77	TN	Q		345000	Power Operated Equipment	25 yr	0.02	0.04	0.04	0.04	1,761	(466)	0.39225	183
78	TN	Q		346190	Remote Control & Instrument	5 yr	0.2	0.32	0.192	0.1152	755	739	0.39225	(290)
79	TN	Q		347000	Misc Equipment	25 yr	0.02	0.04	0.04	0.04	330	(61)	0.39225	24
80														
81	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	39 yr	0.01282	0.02564	0.02564	0.02564	-	3,900	0.39225	(1,530)
82	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	39 yr	0.01282	0.02564	0.02564	0.02564	40,900	(96,034)	0.39225	37,669
83	TN	R		320100	WT Equip Non-Media	25 yr	0.02	0.04	0.04	0.04	13,261	11,918	0.39225	(4,675)
84	TN	R		320200	Water Trmt Equip Filter Media	25 yr	0.02	0.04	0.04	0.04	2,691	(889)	0.39225	349
85	TN	R		330000	Dist Reservoirs & Standpipes	25 yr	0.02	0.04	0.04	0.04	1,175	657	0.39225	(258)
86	TN	R		330003	Tank Repainting	25 yr	0.02	0.04	0.04	0.04	17,252	(7,778)	0.39225	3,051
87	TN	R		330100	Elevated Tanks & Standpipes	25 yr	0.02	0.04	0.04	0.04	4,623	1,938	0.39225	(760)
88	TN	R		330200	Ground Level Tanks	25 yr	0.02	0.04	0.04	0.04	-	12	0.39225	(5)
89														
90	TN	S	Engineering Studies	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	0.04	0.04	-	-	0.39225	-
91			Total Recurring Projects											
92														
93			ACQUISITIONS											
94														
95			Total Acquisitions											
96														
97			CENTRALLY SPONSORED PROJECTS											
98	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	3 yr	0.3333	0.3333	0.3334		-	-	0.39225	-
99	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate									
100			Total Centrally Sponsored Projects											

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit Tennessee
Revision Date September 21, 2016
Description TN BP 2017-2021 SCEP

Line #	Business Unit No.	Project Title	Account	Account Description	Tax Depr class life	Y1 Tax Depr Rate (4)	Y2 Tax Depr Rate (4)	Y3 Tax Depr Rate (4)	Y4 Tax Depr Rate (4)	Tax Depreciation	Tax over Book Depreciation	Tax Rate	Depreciation Deferred Tax (DTA, (DTL))
101													
102		INVESTMENT PROJECTS											
103	TN	I26-020017		Electrical Motor Efficiency Enhancement (\$2.9)									-
104	TN	I26-020027		Construct 1.0MG Tank & 2500-16" ER (\$1.0)									
105	TN	I26-020028	304300	Citico Plant Improvements Phase 1B (\$8.6)	39 yr	0.01282	0.02564	0.02564	0.02564	161,286	(95,508)	0.39225	37,463
106	TN	I26-020028	320100	WT Equip Non-Media	25 yr	0.02	0.04	0.04	0.04	83,872	61,017	0.39225	(23,934)
107	TN	I26-020032	304200	Wastewater Treatm't & Handling Impr (\$15.3)	39 yr	0.01282	0.02564	0.02564	0.02564	374	375	0.39225	(147)
108	TN	I26-020032	304300	Struct & Imp-Treatment	39 yr	0.01282	0.02564	0.02564	0.02564	10,117	(3,867)	0.39225	1,517
109	TN	I26-020032	304400	Struct & Imp-T&D	39 yr	0.01282	0.02564	0.02564	0.02564	-	-	0.39225	-
110	TN	I26-020032	304500	Structures & Improvement - General	39 yr	0.01282	0.02564	0.02564	0.02564	233,425	130,550	0.39225	(51,208)
111	TN	I26-020032	320100	WT Equip Non-Media	25 yr	0.02	0.04	0.04	0.04	239,542	174,270	0.39225	(68,357)
112	TN	I26-020032	330200	Ground Level Tanks	25 yr	0.02	0.04	0.04	0.04	1,817	572	0.39225	(225)
113	TN	I26-020032	347000	Misc Equipment	25 yr	0.02	0.04	0.04	0.04	741	(432)	0.39225	169
114	TN	I26-020034	331001	Tennessee River Crossing (\$2.5)	25 yr	0.02	0.04	0.04	0.04	-	-	0.39225	-
115	TN	I26-020038	304300	Retire Basin 1	39 yr	0.01282	0.02564	0.02564	0.02564	-	-	0.39225	-
116	TN	I26-020039		Basin 2 Tube Settlers									
117	TN	I26-020040		Chlorine Gas Conversion									
118	TN	I26-020041	311200	Electrical - Breakers and Relays (\$0.6)	25 yr	0.02	0.04	0.04	0.04	-	-	0.39225	-
119	TN	I26-020042		Pumping Auxiliary Power (\$1.4)									
120	TN	I26-020043		Energy Reduction and Efficiency (\$0.87)									
121	TN	I26-020044		New Raw Water Intake Citico (\$13)									
122	TN	I26-020045		Renovate Filter Bldg 3 (\$0.75)									
123	TN	I26-020046		New Field Services Facility (\$4.5)									
124	TN	I26-050001		Raw Water Intake Improvements Whitwell (\$2)									
125	TN	I26-050002		Facility Upgrades at Whitwell WTP (\$0.3)									
126	TN	I26-050003		Replace 0.5 MG Storage Tanks at Whitwell (\$5)									
127	TN	I26-050004		Replace 0.1 MG Storage Tank at Whitwell (\$0.3)									
128	TN	I26-020002		Post Acquisition BD Capex									
129	TN	I26-000001	331001	Whitwell Acquisition Capital Investment	25 yr	0.02	0.04	0.04	0.04	-	-	0.39225	-
130	TN	I26-000001	320200	Water Trmt Equip Filter Media	25 yr	0.02	0.04	0.04	0.04	-	-	0.39225	-
131	TN	I26-000001	311520	Pumping Equipment SOS	25 yr	0.02	0.04	0.04	0.04	-	-	0.39225	-
132	TN	I26-000001	340200	Computer & Peripheral Equipment	5 yr	0.2	0.32	0.192	0.1152	-	-	0.39225	-
133													
134		(1) Amounts not reflected in actuals through 2016 or		Total DV Included:						\$ 1,843,350	\$ 753,187		\$ (295,437)
135		projections based on project costs through 2017.											
136				Total DV Excluded:						\$ 1,843,350	\$ 753,187		\$ (295,437)
137		(2) From prior docket #s and sourced accounts.											
138		(3) From actual or estimated in-service data provided by the company.		Total Surcharge Amt:						\$ 1,843,350	\$ 752,776		\$ (295,276)
139		(4) Tax depreciation rates utilized by the company.											
140				SEC Total:						\$ 833,634	\$ 437,802		\$ (171,728)
141													
142				EDI Total:						\$ 41,105	\$ 26,229		\$ (10,289)
143													
144				QIIP Total:						\$ 968,611	\$ 288,744		\$ (113,260)
145													

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit Tennessee
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Line #	Business Unit No.	Project Title	Account	Account Description	NOTES	Average Accum Depreciation	Average Depreciation Deferred Tax (DTA, (DTL))
1		RECURRING PROJECTS					
2	TN DV	Projects Funded by Others	331001	Transmission & Distribution Mains	This should be zero if related to non-taxable	\$ -	\$ -
3	TN DV		333000	Services	This should be zero if related to non-taxable	0	0
4	TN DV		335000	Hydrants	This should be zero if related to non-taxable	0	0
5							
6	TN A	Mains - New	331001	Transmission & Distribution Mains		(15,264)	(11,672)
7	TN A		333000	Services		(127)	(101)
8	TN A		334300	Meter Vaults		(757)	(23)
9	TN A		335000	Hydrants		(995)	(221)
10							
11	TN B	Mains - Replaced / Restored	331001	Transmission & Distribution Mains		(63,718)	(59,902)
12	TN B		333000	Services		(4,252)	(4,634)
13	TN B		335000	Hydrants		(1,908)	(506)
14							
15	TN C	Mains - Unscheduled	331001	Transmission & Distribution Mains		(89,794)	(74,729)
16	TN C		335000	Hydrants		(248)	15
17							
18	TN D	Mains - Relocated	331001	Transmission & Distribution Mains		(21,513)	(35,368)
19	TN D		333000	Services		(32)	(32)
20	TN D		335000	Hydrants		3,222	(1,564)
21							
22	TN E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains		(3,323)	(3,213)
23	TN E		335000	Hydrants		(3,119)	(401)
24							
25	TN F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains		(2,782)	(3,520)
26	TN F		335000	Hydrants		(26,699)	(7,522)
27							
28	TN G	Services and Laterals - New	333000	Services		(3,174)	(1,143)
29							
30	TN H	Services and Laterals - Replaced	333000	Services		(29,588)	(28,724)
31	TN H		334100	Meters		96	(122)
32							
33	TN I	Meters - New	334100	Meters		(6,433)	1,848
34	TN I		334200	Meter Installations		(1,458)	153
35							
36	TN J	Meters - Replaced	334100	Meters		(47,751)	8,403
37	TN J		334200	Meter Installations		(120,638)	(25,322)
38							
39	TN K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment		0	0
40							
41	TN L	SCADA Equipment and Systems	320100	WT Equip Non-Media		(8,869)	(8,491)
42	TN L		340200	Computer & Peripheral Equipment		(897)	(7,006)
43	TN L		346100	Comm Equip Non-Telephone		(5,415)	(8,220)
44	TN L		346190	Remote Control & Instrument		(38,819)	(113,131)
45							
46	TN M	Security Equipment and Systems	304300	Structures & Improvement - Treatment		(10,816)	720
47	TN M		304400	Struct & Imp-Treatment-T&D		(661)	(245)
48	TN M		304500	Structures & Improvement - General		(184)	(124)
49							
50	TN N	Offices and Operations Centers	304500	Structures & Improvement - General		0	0

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Qualified Infrastructure Improvement Program
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Safety and Environmental Compliance Rider

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Business Unit Tennessee
Revision Date September 21, 2016
Description TN BP 2017-2021 SCEP

Line #	Business Unit No.		Project Title	Account	Account Description	NOTES	Average Accum Depreciation	Average Depreciation Deferred Tax (DTA, (DTL))
51								
52	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks		0	0
53	TN	O		341200	Transportation Equip Hvy Duty Trucks		0	0
54	TN	O		341300	Transportation Equip Autos		0	0
55								
56	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment		0	0
57								
58	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply		(8,579)	(1,259)
59	TN	Q		304200	Struct & Imp-Pumping		(6,860)	(1,198)
60	TN	Q		304300	Struct & Imp-Treatment		(586)	(50)
61	TN	Q		304400	Struct & Imp-Treatment-T&D		(877)	(180)
62	TN	Q		304500	Structures & Improvement - General		(651)	(311)
63	TN	Q		304700	Struct & Imp-Store,Shop,Garage		120	(47)
64	TN	Q		306000	Lake, River & Other Intakes		(245)	(296)
65	TN	Q		309000	Supply Mains		(543)	(179)
66	TN	Q		310000	Power Generation Equip		(9,884)	1,560
67	TN	Q		311200	Pump Eqp Electric		1,160	(1,064)
68	TN	Q		311520	Pumping Equipment SOS		(24,152)	(13,014)
69	TN	Q		320100	WT Equip Non-Media		(38,663)	(46,523)
70	TN	Q		320200	Water Trmt Equip Filter Media		(286,517)	90,243
71	TN	Q		330000	Dist Reservoirs & Standpipes		0	(0)
72	TN	Q		331001	Transmission & Distribution Mains		0	0
73	TN	Q		334100	Meters		0	0
74	TN	Q		340200	Computer & Peripheral Equipment		0	(0)
75	TN	Q		343000	Tools, Shop, Garage Equipment		(52)	(33)
76	TN	Q		344000	Laboratory Equipment		3,898	(1,454)
77	TN	Q		345000	Power Operated Equipment		(5,380)	788
78	TN	Q		346190	Remote Control & Instrument		(87)	(828)
79	TN	Q		347000	Misc Equipment		(1,044)	161
80								
81	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment		9,456	(3,701)
82	TN	R		304301	Struct & Imp-Treatment-Dpr Paint		(194,328)	61,914
83	TN	R		320100	WT Equip Non-Media		(40,023)	(51,292)
84	TN	R		320200	Water Trmt Equip Filter Media		(6,454)	1,590
85	TN	R		330000	Dist Reservoirs & Standpipes		(9,974)	(5,668)
86	TN	R		330003	Tank Repainting		(27,089)	3,862
87	TN	R		330100	Elevated Tanks & Standpipes		(2,106)	(791)
88	TN	R		330200	Ground Level Tanks		37	(13)
89								
90	TN	S	Engineering Studies	331001	Transmission & Distribution Mains		0	0
91			Total Recurring Projects					
92								
93			ACQUISITIONS					
94								
95			Total Acquisitions					
96								
97			CENTRALLY SPONSORED PROJECTS					
98	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		0	0
99	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate			
100			Total Centrally Sponsored Projects					

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date September 21, 2016
Description TN BP 2017-2021 SCEP

Line #	Business Unit No.	Project Title	Account	Account Description	NOTES	Average Accum Depreciation	Average Depreciation Deferred Tax (DTA, (DTL))
101							
102		INVESTMENT PROJECTS					
103	TN	I26-020017 Electrical Motor Efficiency Enhancement (\$2.9)					
104	TN	I26-020027 Construct 1.0MG Tank & 2500-16" ER (\$1.0)					
105	TN	I26-020028 Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment		(262,854)	39,840
106	TN	I26-020028	320100	WT Equip Non-Media		(23,314)	(23,754)
107	TN	I26-020032 Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping		(42)	(130)
108	TN	I26-020032	304300	Struct & Imp-Treatment		(17,621)	2,944
109	TN	I26-020032	304400	Struct & Imp-T&D		0	0
110	TN	I26-020032	304500	Structures & Improvement - General		(170,512)	(118,956)
111	TN	I26-020032	320100	WT Equip Non-Media		(105,723)	(140,415)
112	TN	I26-020032	330200	Ground Level Tanks		(2,063)	(637)
113	TN	I26-020032	347000	Misc Equipment		(1,935)	175
114	TN	I26-020034 Tennessee River Crossing (\$2.5)	331001	Transmission & Distribution Mains		0	0
115	TN	I26-020038 Retire Basin 1	304300	Struct & Imp-WT		0	0
116	TN	I26-020039 Basin 2 Tube Settlers					
117	TN	I26-020040 Chlorine Gas Conversion					
118	TN	I26-020041 Electrical - Breakers and Relays (\$0.6)	311200	Pump Eqp Electric		0	0
119	TN	I26-020042 Pumping Auxiliary Power (\$1.4)					
120	TN	I26-020043 Energy Reduction and Efficiency (\$0.87)					
121	TN	I26-020044 New Raw Water Intake Citico (\$13)					
122	TN	I26-020045 Renovate Filter Bldg 3 (\$0.75)					
123	TN	I26-020046 New Field Services Facility (\$4.5)					
124	TN	I26-050001 Raw Water Intake Improvements Whitwell (\$2)					
125	TN	I26-050002 Facility Upgrades at Whitwell WTP (\$0.3)					
126	TN	I26-050003 Replace 0.5 MG Storage Tanks at Whitwell (\$0.5)					
127	TN	I26-050004 Replace 0.1 MG Storage Tank at Whitwell (\$0.3)					
128	TN	I26-020002 Post Acquisition BD Capex					
129	TN	I26-000001 Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains		0	0
130	TN	I26-000001	320200	Water Trmt Equip Filter Media		0	0
131	TN	I26-000001	311520	Pumping Equipment SOS		0	0
132	TN	I26-000001	340200	Computer & Peripheral Equipment		0	0
133							
134		(1) Amounts not reflected in actuals through 2016 or		Total DV Included:	See note under DV above	\$ (1,739,401)	\$ (593,515)
135		projections based on project costs through 2017.					
136				Total DV Excluded:		\$ (1,739,401)	\$ (593,515)
137		(2) From prior docket #s and sourced accounts.					
138		(3) From actual or estimated in-service data provided by the company.		Total Surcharge Amt:		\$ (1,728,336)	\$ (594,373)
139		(4) Tax depreciation rates utilized by the company.					
140				SEC Total:		\$ (742,496)	\$ (367,200)
141							
142				EDI Total:		\$ (23,585)	\$ (15,631)
143							
144				QIIP Total:		\$ (962,254)	\$ (211,541)
145							

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit	Tennessee	
Revision Date	June 21, 2016	
Description	TN BP 2017-2021 SCEP	

2017

Business Unit	Rider	Business Unit No.	Project Title			1	2	3	4	5	6	7	8
Tennessee	None	DV	Projects Funded by Others			\$10,000	\$10,000	\$50,000	\$80,000	\$150,000	\$150,000	\$90,000	\$80,000
Tennessee	EDI	A	Mains - New			55,000	125,000	105,000	25,000				
Tennessee	QIIP	B	Mains - Replaced / Restored			158,367	158,367	253,367	300,867	300,867	300,867	300,867	300,867
Tennessee	QIIP	C	Mains - Unscheduled			165,932	171,242	80,000	37,174	42,484	74,347	75,000	75,000
Tennessee	QIIP	D	Mains - Relocated							33,333	33,333	33,333	
Tennessee	EDI	E	Hydrants, Valves, and Manholes - New				3,937	6,561	5,249	7,873	6,561	8,792	11,153
Tennessee	QIIP	F	Hydrants, Valves, and Manholes - Replaced				10,000	20,000	35,000	30,000	39,500	39,600	55,000
Tennessee	None	G	Services and Laterals - New			38,750	48,501	71,751	79,501	87,251	103,751	102,751	74,001
Tennessee	QIIP	H	Services and Laterals - Replaced			9,901	19,801	29,702	41,602	41,602	52,503	51,503	41,602
Tennessee	None	I	Meters - New				10,101	15,152	22,223	22,223	34,345	30,304	24,244
Tennessee	QIIP	J	Meters - Replaced			92,115	92,115	122,716	122,716	183,916	183,916	183,916	183,916
Tennessee	None	K	ITS Equipment and Systems			94,985	144,308	105,065	149,882	71,233	116,937	145,591	229,638
Tennessee	SEC	L	SCADA Equipment and Systems						58,333	58,333	58,333		
Tennessee	SEC	M	Security Equipment and Systems						25,000	25,000		10,000	35,556
Tennessee	None	N	Offices and Operations Centers					5,000			5,000		
Tennessee	None	O	Vehicles							101,250	101,250	101,250	221,250
Tennessee	None	P	Tools and Equipment			12,083	12,083	12,083	24,167	17,083	16,167	15,083	14,500
Tennessee	SEC	Q	Process Plant Facilities and Equipment				18,113	32,377	62,566	68,604	26,340	38,415	20,302
Tennessee	QIIP	R	Capitalized Tank Rehabilitation/Painting										
Tennessee	None	S	Engineering Studies				5,000	5,000	5,000	5,000	5,000	5,000	5,000
Total Recurring Projects						627,133	818,569	863,774	994,280	1,096,054	1,158,151	1,141,406	1,292,029
INVESTMENT PROJECTS													
Tennessee	QIIP	I26-020041	Electrical - Breakers and Relays (\$0.6)	Total	In Service Date								16,550
Tennessee	SEC	I26-020042	Pumping Auxiliary Power (\$1.4)		12/31/2017								
Tennessee	QIIP	I26-020043	Energy Reduction and Efficiency (\$0.87)		6/30/2018							19,159	16,875
Tennessee	SEC	I26-020027	Construct 1.0MG Tank & 2500-16" ER (\$1.5)		12/31/2020								
Tennessee	QIIP	I26-020034	Tennessee River Crossing (\$2.5)		7/31/2019								
Tennessee	SEC	I26-020044	New Raw Water Intake Citico (\$13)		11/30/2017			16,545	126,937	166,237	222,293	223,499	224,706
Tennessee	SEC	I26-050001	Raw Water Intake Improvements Whitwell (\$2)		6/30/2022								
Tennessee	QIIP	I26-020038	Retire Basin 1 (\$0.6)		12/31/2021								
Tennessee	QIIP	I26-020039	Basin 2 Tube Settlers (\$3.5)		12/31/2020								
Tennessee	SEC	I26-020040	Chlorine Gas Conversion (\$4.5)		12/31/2019								
Tennessee	QIIP	I26-020045	Renovate Filter Bldg 3 (\$0.75)		4/1/2020								
Tennessee	None	I26-020046	New Field Services Facility (\$4.5)		6/30/2018								
Tennessee	SEC	I26-050002	Facility Upgrades at Whitwell WTP (\$0.3) 1/3 in 2018		12/31/2020								
Tennessee	SEC	I26-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$5)		4/30/2018								5,515
Tennessee	SEC	I26-050004	Replace 0.1 MG Storage Tank at Whitwell (\$0.3) 1/3 in 18		12/31/2021								5,515
Tennessee	No	I26-000002	Post Acquisition BD Capex		4/30/2018								
Total Investment Projects								\$16,545	\$126,937	\$166,237	\$222,293	\$492,658	\$269,161
Total Investment and Centrally Sponsored Projects								\$16,545	\$126,937	\$166,237	\$222,293	\$492,658	\$269,161
Contributions						(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)
Advances						(58,333)	(58,333)	(58,333)	(58,333)	(58,333)	(58,333)	(58,333)	(58,333)
Total Refunds						29,167	29,167	29,167	29,167	29,167	29,167	29,167	29,167
Gross minus BT						\$637,133	\$828,569	\$930,319	\$1,201,217	\$1,412,291	\$1,530,444	\$1,724,064	\$1,641,190
Net minus BT						(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(49,167)
						\$587,967	\$779,402	\$881,153	\$1,152,050	\$1,363,124	\$1,481,277	\$1,674,898	\$1,592,023
Gross plus BT						\$637,133	\$828,569	\$930,319	\$1,201,217	\$1,412,291	\$1,530,444	\$1,724,064	\$1,641,190
Net plus BT						(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(49,167)
						\$587,967	\$779,402	\$881,153	\$1,152,050	\$1,363,124	\$1,481,277	\$1,674,898	\$1,592,023

*Dollar amounts from TAWC's Annual Capital Planning Process

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit	Tennessee
Revision Date	June 21, 2016
Description	TN BP 2017-2021 SCEP

							U.S. \$	
Business Unit	Rider	Business Unit No.	Project Title	9	10	11	12	Total 2017
Tennessee	None	DV	Projects Funded by Others	\$80,000	\$80,000	\$120,000	\$100,000	\$1,000,000
Tennessee	EDI	A	Mains - New					310,000
Tennessee	QIIP	B	Mains - Replaced / Restored	218,110	110,867	110,867	105,975	2,620,255
Tennessee	QIIP	C	Mains - Unscheduled	45,000	47,232	84,968	110,621	1,009,000
Tennessee	QIIP	D	Mains - Relocated					100,000
Tennessee	EDI	E	Hydrants, Valves, and Manholes - New	11,153	9,185	3,937		74,400
Tennessee	QIIP	F	Hydrants, Valves, and Manholes - Replaced	50,000	49,100	30,000	15,900	374,100
Tennessee	None	G	Services and Laterals - New	72,991	64,001	56,251	46,501	846,000
Tennessee	QIIP	H	Services and Laterals - Replaced	24,752	34,652	29,702	21,177	398,500
Tennessee	None	I	Meters - New	15,152	15,152	10,101	10,000	209,000
Tennessee	QIIP	J	Meters - Replaced	180,141	127,526	122,716	92,115	1,687,825
Tennessee	None	K	ITS Equipment and Systems	93,191	71,233	71,233	235,664	1,528,960
Tennessee	SEC	L	SCADA Equipment and Systems					175,000
Tennessee	SEC	M	Security Equipment and Systems	30,556	13,889			140,000
Tennessee	None	N	Offices and Operations Centers	5,000				15,000
Tennessee	None	O	Vehicles					525,000
Tennessee	None	P	Tools and Equipment	2,417	9,667	4,833	4,833	145,000
Tennessee	SEC	Q	Process Plant Facilities and Equipment	92,755	65,585	62,566	32,377	520,000
Tennessee	QIIP	R	Capitalized Tank Rehabilitation/Painting		295,630	430,832	383,663	1,110,125
Tennessee	None	S	Engineering Studies	5,000	5,000	5,000		50,000
Total Recurring Projects				846,217	918,718	1,023,006	1,058,827	11,838,165
INVESTMENT PROJECTS								
Tennessee	QIIP	I26-020041	Electrical - Breakers and Relays (\$0.6)	21,166	110,565	149,931	132,000	430,211
Tennessee	SEC	I26-020042	Pumping Auxiliary Power (\$1.4)	99,596	138,732	206,615	202,189	683,165
Tennessee	QIIP	I26-020043	Energy Reduction and Efficiency (\$0.87)					
Tennessee	SEC	I26-020027	Construct 1.0MG Tank & 2500-16" ER (\$1.5)					
Tennessee	QIIP	I26-020034	Tennessee River Crossing (\$2.5)	225,913	227,119	283,477	284,985	2,001,711
Tennessee	SEC	I26-020044	New Raw Water Intake Citico (\$13)					
Tennessee	SEC	I26-050001	Raw Water Intake Improvements Whitwell (\$2)					
Tennessee	QIIP	I26-020038	Retire Basin 1 (\$0.6)					
Tennessee	QIIP	I26-020039	Basin 2 Tube Settlers (\$3.5)					
Tennessee	SEC	I26-020040	Chlorine Gas Conversion (\$4.5)					
Tennessee	QIIP	I26-020045	Renovate Filter Bldg 3 (\$0.75)	5,515	16,575	23,726	21,664	67,480
Tennessee	None	I26-020046	New Field Services Facility (\$4.5)					
Tennessee	SEC	I26-050002	Facility Upgrades at Whitwell WTP (\$0.3) 1/3 in 2018	11,060	38,696	41,998	72,390	169,659
Tennessee	SEC	I26-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$5)					
Tennessee	SEC	I26-050004	Replace 0.1 MG Storage Tank at Whitwell (\$0.3) 1/3 in 18	11,060	18,782	43,847	83,330	162,534
Tennessee	No	I26-000002	Post Acquisition BD Capex					250,000
Total Investment Projects				\$374,310	\$550,468	\$749,594	\$796,558	\$3,764,760
Total Investment and Centrally Sponsored Projects				\$374,310	\$550,468	\$749,594	\$796,558	\$3,764,760
Contributions				(20,000)	(20,000)	(20,000)	(20,000)	(240,000)
Advances				(58,333)	(58,333)	(58,333)	(58,333)	(700,000)
Total Refunds				29,167	29,167	29,167	29,167	350,000
Gross minus BT				\$1,300,526	\$1,549,187	\$1,892,600	\$1,955,385	\$16,602,925
				(49,167)	(49,167)	(49,167)	(49,167)	(590,000)
Net minus BT				\$1,251,360	\$1,500,020	\$1,843,433	\$1,906,218	\$16,012,925
Gross plus BT				\$1,300,526	\$1,549,187	\$1,892,600	\$1,955,385	\$16,602,925
				(49,167)	(49,167)	(49,167)	(49,167)	(590,000)
Net plus BT				\$1,251,360	\$1,500,020	\$1,843,433	\$1,906,218	\$16,012,925

*Dollar amounts from TAWC's Annual Capital Planning Process

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

ACTUAL 2016 From Docket #17-00022

Business Unit Tennessee
Revision Date May 21, 2015
Description TN BP 2016-2020 SCEP

Line #		Business Unit No.	Project Title	Account	Account Description	Portion to Account (2)	In-Service (Months) (3)	Dep Rate	Prior Year Period 11 SCEP	Prior Year Period 12 SCEP	2016 SCEP Reforecast	Prior 2015 Actual
1			RECURRING PROJECTS									
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains	95.5%	3	1.25%	37,068	52,666		\$ -
3	TN	DV		333000	Services	2.3%	3	1.11%	37,068	52,666		-
4	TN	DV		335000	Hydrants	2.2%	3	2.30%	37,068	52,666		-
5												
6	TN	A	Mains - New	331001	Transmission & Distribution Mains	100.0%	3	1.25%	35,979	10,743		456,264
7	TN	A		333000	Services		3	1.11%				3,176
8	TN	A		334300	Meter Vaults		3	2.73%				-
9	TN	A		335000	Hydrants		3	2.30%				11,329
10												
11	TN	B	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	96.8%	3	1.25%	109,119	92,341		1,796,068
12	TN	B		333000	Services	2.9%	3	1.11%	109,119	92,341		171,623
13	TN	B		335000	Hydrants	0.3%	3	2.30%	109,119	92,341		25,909
14												
15	TN	C	Mains - Unscheduled	331001	Transmission & Distribution Mains	100.0%	3	1.25%	103,929	109,644		1,880,706
16	TN	C		335000	Hydrants		3	2.30%				-
17												
18	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains	96.2%	3	1.25%	12,033	64,679		1,415,151
19	TN	D		333000	Services	0.5%	3	1.11%	12,033	64,679		1,328
20	TN	D		335000	Hydrants	3.3%	3	2.30%	12,033	64,679		7,286
21												
22	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	58.7%	1	1.25%				108,049
23	TN	E		335000	Hydrants	41.3%	1	2.30%				30,189
24												
25	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	64.1%	1	1.25%				121,273
26	TN	F		335000	Hydrants	35.9%	1	2.30%				410,751
27												
28	TN	G	Services and Laterals - New	333000	Services	100.0%	1	1.11%				-
29												
30	TN	H	Services and Laterals - Replaced	333000	Services	100.0%	1	1.11%				871,492
31	TN	H		334100	Meters			7.47%				-
32												
33	TN	I	Meters - New	334100	Meters	64.2%	1	7.47%				-
34	TN	I		334200	Meter Installations	35.8%	1	2.73%				-
35												
36	TN	J	Meters - Replaced	334100	Meters	72.5%	1	7.47%				278,825
37	TN	J		334200	Meter Installations	27.5%	1	2.73%				1,492,760
38												
39	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment	100.0%	1	2.19%				-
40												
41	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media			1.09%				268,337
42	TN	L		340200	Computer & Peripheral Equipment	100.0%	1	2.19%				(0)
43	TN	L		346100	Comm Equip Non-Telephone			4.21%				41,119
44	TN	L		346190	Remote Control & Instrument			4.21%				436,754
45												
46	TN	M	Security Equipment and Systems	304300	Structures & Improvement - Treatment			4.11%				131,615
47	TN	M		304400	Struct & Imp-Treatment-T&D			2.13%				-
48	TN	M		304500	Structures & Improvement - General	100.0%	1	1.13%				6,193
49												
50	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General	100.0%	1	1.13%				-

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

ACTUAL 2016 From Docket #17-00022

Business Unit Tennessee
Revision Date May 21, 2015
Description TN BP 2016-2020 SCEP

Line #	Business Unit No.	Project Title	Account	Account Description	Portion to Account (2)	In-Service (Months) (3)	Dep Rate	Prior Year Period 11 SCEP	Prior Year Period 12 SCEP	2016 SCEP Reforecast	Prior 2015 Actual
51											
52	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks	19.3%	1	16.00%			-
53	TN	O		341200	Transportation Equip Hvy Duty Trucks	63.6%	1	16.62%			-
54	TN	O		341300	Transportation Equip Autos	17.1%	1	11.38%			-
55											
56	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment	100.0%	1	6.89%			-
57											
58	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply			1.98%			122,766
59	TN	Q		304200	Struct & Imp-Pumping			1.98%			-
60	TN	Q		304300	Struct & Imp-Treatment			4.11%			7,125
61	TN	Q		304400	Struct & Imp-Treatment-T&D			2.13%			25,654
62	TN	Q		304500	Structures & Improvement - General			1.13%			27,713
63	TN	Q		304700	Struct & Imp-Store,Shop,Garage			0.73%			-
64	TN	Q		306000	Lake, River & Other Intakes			0.83%			-
65	TN	Q		309000	Supply Mains			1.87%			9,862
66	TN	Q		310000	Power Generation Equip			12.33%			25,066
67	TN	Q		311200	Pump Eqp Electric			2.45%			18,849
68	TN	Q		311520	Pumping Equipment SOS	21.0%	1	1.83%			465,043
69	TN	Q		320100	WT Equip Non-Media	57.6%	1	1.09%			1,806,356
70	TN	Q		320200	Water Trmt Equip Filter Media			33.69%			693,894
71	TN	Q		330000	Dist Reservoirs & Standpipes			2.08%			-
72	TN	Q		331001	Transmission & Distribution Mains			1.25%			-
73	TN	Q		334100	Meters			7.47%			-
74	TN	Q		340200	Computer & Peripheral Equipment	21.3%	1	2.19%			-
75	TN	Q		343000	Tools, Shop, Garage Equipment			6.89%			-
76	TN	Q		344000	Laboratory Equipment			1.01%			-
77	TN	Q		345000	Power Operated Equipment			7.03%			41,485
78	TN	Q		346190	Remote Control & Instrument			4.21%			3,502
79	TN	Q		347000	Misc Equipment			6.33%			7,793
80											
81	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment			4.11%			(778)
82	TN	R		304301	Struct & Imp-Treatment-Dpr Paint			12.06%			-
83	TN	R		320100	WT Equip Non-Media			1.09%			2,310,463
84	TN	R		320200	Water Trmt Equip Filter Media			33.69%			-
85	TN	R		330000	Dist Reservoirs & Standpipes			2.08%			567,580
86	TN	R		330003	Tank Repainting	100.0%	1	11.08%			46,367
87	TN	R		330100	Elevated Tanks & Standpipes			2.74%			-
88	TN	R		330200	Ground Level Tanks			2.74%			-
89											
90	TN	S	Engineering Studies	331001	Transmission & Distribution Mains	100.0%	1	1.25%			-
91			Total Recurring Projects								
92											
93			ACQUISITIONS								
94											
95			Total Acquisitions								
96											
97			CENTRALLY SPONSORED PROJECTS								
98	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	100.0%	1	10.00%			-
99	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	100.0%	1	10.00%			-
100			Total Centrally Sponsored Projects								

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

ACTUAL 2016 From Docket #17-00022

Business Unit Tennessee
Revision Date May 21, 2015
Description TN BP 2016-2020 SCEP

Line #	Business Unit No.	Project Title	Account	Account Description	Portion to Account (2)	In-Service (Months) (3)	Dep Rate	Prior Year Period 11 SCEP	Prior Year Period 12 SCEP	2016 SCEP Reforecast	Prior 2015 Actual
101											
102		INVESTMENT PROJECTS							Inception to Date Spend	2016 SCEP Reforecast	
103	TN	I26-020017		Electrical Motor Efficiency Enhancement (\$2.9)	100.0%	7/17/2018					-
104	TN	I26-020027		Construct 1.0MG Tank & 2500-16" ER (\$1.0)	100.0%	7/31/2019					-
105	TN	I26-020028	304300	Citico Plant Improvements Phase 1B (\$8.6)		6/1/2016	4.11%		1,600,000		-
106	TN	I26-020028	320100	WT Equip Non-Media	100.0%	6/1/2016	1.09%				-
107	TN	I26-020032	304200	Wastewater Treatm't & Handling Impr (\$15.3)		11/1/2015	1.98%				-
108	TN	I26-020032	304300	Struct & Imp-Treatment		11/1/2015	4.11%				-
109	TN	I26-020032	304400	Struct & Imp-T&D	100.0%	11/1/2015	2.13%				-
110	TN	I26-020032	304500	Structures & Improvement - General		11/1/2015	1.13%				9,374,098
111	TN	I26-020032	320100	WT Equip Non-Media		11/1/2015	1.09%			300,000 (1)	5,603,877
112	TN	I26-020032	330200	Ground Level Tanks		11/1/2015	2.74%				46,777
113	TN	I26-020032	347000	Misc Equipment		11/1/2015	6.33%				18,711
114	TN	I26-020034		3000'-24" Tennessee River Crossing (\$0.5)	100.0%	11/30/2017					-
115	TN	I26-020038	304300	Retire Basin 1	100.0%	12/31/2020				(300,000) (1)	-
116	TN	I26-020039		Basin 2 Tube Settlers	100.0%	7/30/2018					-
117	TN	I26-020040		Chlorine Gas Conversion	100.0%	11/30/2020					-
118	TN	I26-020041		Electrical - Breakers and Relays (\$0.6)	100.0%						
119	TN	I26-020042		Pumping Auxiliary Power (\$1.4)	100.0%						
120	TN	I26-020043		Energy Reduction and Efficiency (\$0.87)	100.0%						
121	TN	I26-020044		New Raw Water Intake Citico (\$13)	100.0%						
122	TN	I26-020045		Renovate Filter Bldg 3 (\$0.75)	100.0%						
123	TN	I26-020046		New Field Services Facility (\$4.5)	100.0%						
124	TN	I26-050001		Raw Water Intake Improvements Whitwell (\$2)	100.0%						
125	TN	I26-050002		Facility Upgrades at Whitwell WTP (\$0.3) 1/3 in 2018	100.0%						
126	TN	I26-050003		Replace 0.5 MG Storage Tanks at Whitwell (\$5)	100.0%						
127	TN	I26-050004		Replace 0.1 MG Storage Tank at Whitwell (\$0.3) 1/3 in 18	100.0%						
128	TN	I26-020002		Post Acquisition BD Capex	100.0%						-
129	TN	I26-000001	331001	Whitwell Acquisition Capital Investment	85.0%	12/31/2014	1.25%				-
130	TN	I26-000001	320200	Struct & Imp-Supply	6.0%	12/31/2014	33.69%				-
131	TN	I26-000001	311520	Struct & Imp-Pumping	4.5%	12/31/2014	1.83%				-
132	TN	I26-000001	340200	Struct & Imp-Treatment	4.5%	12/31/2014	2.19%				-
133											
134	TN	(1) Retire Basin 1 project postponed and amounts shifted to		Total DV Included:							\$ 31,188,399
135	TN	I26-020032 Wastewater Treatment & Handling Project.									
136	TN	Spend added and in-serviced in April 2016		Total DV Excluded:							\$ 31,188,399
137											
138	TN	(2) From prior docket #s and sourced accounts.		Total Surcharge Amt:							\$ 31,188,399
139	TN	(3) From actual or estimated in-service data provided by the company.									
140	TN	(4) Tax depreciation rates utilized by the company.		SEC Total:							\$ 19,182,588
141											
142				EDI Total:							\$ 609,007
143											
144				QIIP Total:							\$ 11,396,805

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

ACTUAL 2016 From Docket #17-00022

Business Unit Tennessee
Revision Date May 21, 2015
Description TN BP 2016-2020 SCEP

						Cumulative Balance of In-Serviced Plant, from 2016 Capex, by Period					
Line #	Business Unit No.		Project Title	Account	Account Description	1	2	3	4	5	6
1			RECURRING PROJECTS								
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3	TN	DV		333000	Services	-	-	-	-	-	-
4	TN	DV		335000	Hydrants	-	-	-	-	-	-
5											
6	TN	A	Mains - New	331001	Transmission & Distribution Mains	457,439	492,340	492,340	487,086	595,090	594,453
7	TN	A		333000	Services	3,176	3,176	3,176	3,176	6,009	5,992
8	TN	A		334300	Meter Vaults	-	18,184	18,184	18,184	18,184	18,184
9	TN	A		335000	Hydrants	11,329	12,784	12,784	12,784	22,984	22,924
10											
11	TN	B	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	1,777,560	1,777,508	1,824,232	2,087,372	2,091,219	2,221,968
12	TN	B		333000	Services	169,902	169,976	169,844	169,844	169,844	169,844
13	TN	B		335000	Hydrants	26,212	26,337	26,204	29,984	30,058	30,071
14											
15	TN	C	Mains - Unscheduled	331001	Transmission & Distribution Mains	1,963,485	2,140,181	2,347,325	3,229,889	3,339,876	3,287,563
16	TN	C		335000	Hydrants	-	-	-	12,651	13,282	11,170
17											
18	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains	1,412,608	1,409,392	1,409,548	1,413,192	1,421,492	1,526,727
19	TN	D		333000	Services	1,326	1,325	1,325	1,327	1,327	1,327
20	TN	D		335000	Hydrants	7,266	7,242	7,243	7,271	7,277	11,851
21											
22	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	116,706	116,706	133,200	133,200	133,200	146,442
23	TN	E		335000	Hydrants	21,207	26,480	29,934	30,338	30,334	29,893
24											
25	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	119,302	119,169	119,169	119,169	119,169	130,910
26	TN	F		335000	Hydrants	418,922	453,158	472,204	478,155	478,947	475,679
27											
28	TN	G	Services and Laterals - New	333000	Services	-	-	-	-	-	-
29											
30	TN	H	Services and Laterals - Replaced	333000	Services	914,003	958,952	1,007,214	1,055,460	1,102,545	1,111,934
31	TN	H		334100	Meters	-	-	-	-	765	1,108
32											
33	TN	I	Meters - New	334100	Meters	-	-	-	-	-	-
34	TN	I		334200	Meter Installations	-	-	-	-	-	-
35											
36	TN	J	Meters - Replaced	334100	Meters	301,844	305,923	326,009	332,771	421,173	717,992
37	TN	J		334200	Meter Installations	1,511,726	1,530,569	1,530,569	1,530,064	1,536,235	1,536,776
38											
39	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment	-	-	-	-	-	-
40											
41	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media	268,337	268,337	268,337	268,337	268,337	268,337
42	TN	L		340200	Computer & Peripheral Equipment	(0)	(0)	(0)	0	0	0
43	TN	L		346100	Comm Equip Non-Telephone	41,119	41,119	41,119	41,119	41,119	41,119
44	TN	L		346190	Remote Control & Instrument	441,288	449,270	446,824	446,824	446,824	446,824
45											
46	TN	M	Security Equipment and Systems	304300	Structures & Improvement - Treatment	130,176	130,280	133,855	137,152	137,152	137,152
47	TN	M		304400	Struct & Imp-Treatment-T&D	-	-	-	-	-	-
48	TN	M		304500	Structures & Improvement - General	6,193	6,193	6,193	6,193	6,193	6,193
49											
50	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General	-	-	-	-	-	-

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

ACTUAL 2016 From Docket #17-00022

Business Unit Tennessee
Revision Date May 21, 2015
Description TN BP 2016-2020 SCEP

						Cumulative Balance of In-Serviced Plant, from 2016 Capex, by Period					
Line #	Business Unit No.		Project Title	Account	Account Description	1	2	3	4	5	6
51											
52	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks	-	-	-	-	-	-
53	TN	O		341200	Transportation Equip Hvy Duty Trucks	-	-	-	-	-	-
54	TN	O		341300	Transportation Equip Autos	-	-	-	-	-	-
55											
56	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment	-	-	-	-	-	-
57											
58	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	124,409	124,409	134,550	134,550	134,550	134,550
59	TN	Q		304200	Struct & Imp-Pumping	-	-	-	-	-	-
60	TN	Q		304300	Struct & Imp-Treatment	8,565	8,757	8,757	8,757	21,354	21,474
61	TN	Q		304400	Struct & Imp-Treatment-T&D	25,679	25,679	25,679	25,679	25,679	25,679
62	TN	Q		304500	Structures & Improvement - General	27,713	27,713	27,713	27,713	27,713	27,713
63	TN	Q		304700	Struct & Imp-Store,Shop,Garage	-	-	-	-	-	-
64	TN	Q		306000	Lake, River & Other Intakes	-	-	-	24,247	24,247	24,247
65	TN	Q		309000	Supply Mains	9,862	9,862	9,862	9,862	9,862	9,862
66	TN	Q		310000	Power Generation Equip	25,066	25,066	25,066	25,066	25,066	25,066
67	TN	Q		311200	Pump Eqp Electric	18,693	18,739	18,739	21,062	21,062	21,062
68	TN	Q		311520	Pumping Equipment SOS	500,710	509,452	523,190	603,894	666,249	668,565
69	TN	Q		320100	WT Equip Non-Media	1,808,138	1,811,670	1,822,779	1,851,527	1,851,434	1,851,434
70	TN	Q		320200	Water Trmt Equip Filter Media	702,932	699,749	699,749	698,052	698,052	698,052
71	TN	Q		330000	Dist Reservoirs & Standpipes	-	-	-	-	-	-
72	TN	Q		331001	Transmission & Distribution Mains	-	-	-	-	-	-
73	TN	Q		334100	Meters	-	-	-	-	-	-
74	TN	Q		340200	Computer & Peripheral Equipment	-	-	-	-	-	-
75	TN	Q		343000	Tools, Shop, Garage Equipment	-	-	3,294	3,294	3,294	3,294
76	TN	Q		344000	Laboratory Equipment	-	-	-	-	-	1,561
77	TN	Q		345000	Power Operated Equipment	41,485	41,485	41,485	41,485	41,485	41,485
78	TN	Q		346190	Remote Control & Instrument	3,502	3,502	3,502	3,502	3,502	3,502
79	TN	Q		347000	Misc Equipment	7,793	7,793	7,793	7,793	7,793	7,793
80											
81	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	-	-	-	-	-	-
82	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	1,851,428	1,250,689	1,250,689	1,250,689	1,250,689	1,250,689
83	TN	R		320100	WT Equip Non-Media	458,274	259,932	259,932	259,932	259,932	259,932
84	TN	R		320200	Water Trmt Equip Filter Media	-	52,740	52,740	52,740	52,740	52,740
85	TN	R		330000	Dist Reservoirs & Standpipes	558,508	558,422	558,422	558,006	548,575	548,575
86	TN	R		330003	Tank Repainting	46,367	46,367	46,367	46,367	46,367	46,367
87	TN	R		330100	Elevated Tanks & Standpipes	-	-	-	-	-	-
88	TN	R		330200	Ground Level Tanks	-	-	-	-	-	-
89											
90	TN	S	Engineering Studies	331001	Transmission & Distribution Mains	-	-	-	-	-	-
91			Total Recurring Projects								
92											
93			ACQUISITIONS								
94											
95			Total Acquisitions								
96											
97			CENTRALLY SPONSORED PROJECTS								
98	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	-	-	-	-	-	-
99	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	-	-	-	-	-	-
100			Total Centrally Sponsored Projects								

Tennessee American Water Company
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Economic Development Rider
Safety and Environmental Compliance Rider

ACTUAL 2016 From Docket #17-00022

Business Unit Tennessee
Revision Date May 21, 2015
Description TN BP 2016-2020 SCEP

					Cumulative Balance of In-Serviced Plant, from 2016 Capex, by Period					
Line #	Business Unit No.	Project Title	Account	Account Description	1	2	3	4	5	6
101										
102		INVESTMENT PROJECTS								
103	TN	I26-020017		Electrical Motor Efficiency Enhancement (\$2.9)	-	-	-	-	-	-
104	TN	I26-020027		Construct 1.0MG Tank & 2500-16" ER (\$1.0)	-	-	-	-	-	-
105	TN	I26-020028	304300	Citico Plant Improvements Phase 1B (\$8.6)	-	-	-	-	-	5,597,062
106	TN	I26-020028	320100	WT Equip Non-Media	-	-	-	-	-	1,865,687
107	TN	I26-020032	304200	Wastewater Treatm't & Handling Impr (\$15.3)	-	7,962	8,711	13,593	14,100	14,356
108	TN	I26-020032	304300	Struct & Imp-Treatment	-	207,901	227,455	354,901	368,158	374,830
109	TN	I26-020032	304400	Struct & Imp-T&D	-	-	-	-	-	-
110	TN	I26-020032	304500	Structures & Improvement - General	9,365,461	9,103,923	9,103,923	9,103,923	9,103,923	9,103,923
111	TN	I26-020032	320100	WT Equip Non-Media	5,598,714	5,731,538	5,758,752	5,936,115	5,954,566	5,963,850
112	TN	I26-020032	330200	Ground Level Tanks	46,734	45,429	45,429	45,429	45,429	45,429
113	TN	I26-020032	347000	Misc Equipment	18,694	18,365	18,383	18,501	18,514	18,520
114	TN	I26-020034		3000'-24" Tennessee River Crossing (\$0.5)	-	-	-	-	-	-
115	TN	I26-020038	304300	Retire Basin 1	-	-	-	-	-	-
116	TN	I26-020039		Basin 2 Tube Settlers	-	-	-	-	-	-
117	TN	I26-020040		Chlorine Gas Conversion	-	-	-	-	-	-
118	TN	I26-020041		Electrical - Breakers and Relays (\$0.6)	-	-	-	-	-	-
119	TN	I26-020042		Pumping Auxiliary Power (\$1.4)	-	-	-	-	-	-
120	TN	I26-020043		Energy Reduction and Efficiency (\$0.87)	-	-	-	-	-	-
121	TN	I26-020044		New Raw Water Intake Citico (\$13)	-	-	-	-	-	-
122	TN	I26-020045		Renovate Filter Bldg 3 (\$0.75)	-	-	-	-	-	-
123	TN	I26-020046		New Field Services Facility (\$4.5)	-	-	-	-	-	-
124	TN	I26-050001		Raw Water Intake Improvements Whitwell (\$2)	-	-	-	-	-	-
125	TN	I26-050002		Facility Upgrades at Whitwell WTP (\$0.3) 1/3 in 2018	-	-	-	-	-	-
126	TN	I26-050003		Replace 0.5 MG Storage Tanks at Whitwell (\$0.5)	-	-	-	-	-	-
127	TN	I26-050004		Replace 0.1 MG Storage Tank at Whitwell (\$0.3) 1/3 in 18	-	-	-	-	-	-
128	TN	I26-020002		Post Acquisition BD Capex	-	-	-	-	-	-
129	TN	I26-000001	331001	Whitwell Acquisition Capital Investment	-	-	-	-	-	-
130	TN	I26-000001	320200	Transmission & Distribution Mains	-	-	-	-	-	-
131	TN	I26-000001	311520	Struct & Imp-Supply	-	-	-	-	-	-
132	TN	I26-000001	340200	Struct & Imp-Pumping	-	-	-	-	-	-
133				Struct & Imp-Treatment	-	-	-	-	-	-
134	TN	(1) Retire Basin 1 project postponed and amounts shifted to		Total DV Included:						
135	TN	I26-020032 Wastewater Treatment & Handling Project.								
136	TN	Spend added and in-serviced in April 2016		Total DV Excluded:						
137										
138	TN	(2) From prior docket #s and sourced accounts.		Total Surcharge Amt:						
139	TN	(3) From actual or estimated in-service data provided by the company.								
140	TN	(4) Tax depreciation rates utilized by the company.		SEC Total:						
141										
142				EDI Total:						
143										
144				QIIP Total:						

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

ACTUAL 2016 From Docket #17-00022

Business Unit Tennessee
Revision Date May 21, 2015
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					Cumulative Balance of In-Serviced Plant, from 2016 Capex, by Period					
Line #	Business Unit No.	Project Title	Account	Account Description	7	8	9	10	11	12
1				RECURRING PROJECTS						
2	TN	DV	331001	Transmission & Distribution Mains	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3	TN	DV	333000	Services	-	-	-	-	-	-
4	TN	DV	335000	Hydrants	-	-	-	-	-	-
5										
6	TN	A	331001	Transmission & Distribution Mains	591,346	591,346	605,190	602,920	602,920	597,576
7	TN	A	333000	Services	5,911	5,911	5,911	5,911	5,911	5,754
8	TN	A	334300	Meter Vaults	18,184	18,184	18,184	18,184	18,184	18,184
9	TN	A	335000	Hydrants	22,631	22,631	25,782	25,265	25,265	24,701
10										
11	TN	B	331001	Transmission & Distribution Mains	2,296,909	2,305,624	2,459,911	2,454,764	2,528,852	2,522,367
12	TN	B	333000	Services	175,254	175,333	177,948	177,893	178,060	177,865
13	TN	B	335000	Hydrants	30,089	30,098	30,113	30,070	32,844	32,852
14										
15	TN	C	331001	Transmission & Distribution Mains	3,485,107	3,580,714	3,729,038	3,832,607	3,993,462	4,158,822
16	TN	C	335000	Hydrants	12,136	12,151	12,487	12,311	12,272	4,979
17										
18	TN	D	331001	Transmission & Distribution Mains	1,539,936	1,537,492	1,529,683	1,536,840	1,544,044	1,545,482
19	TN	D	333000	Services	1,334	1,333	1,333	1,333	1,334	1,335
20	TN	D	335000	Hydrants	11,955	11,936	11,590	11,591	11,855	11,673
21										
22	TN	E	331001	Transmission & Distribution Mains	147,613	147,707	147,707	147,707	147,707	147,515
23	TN	E	335000	Hydrants	33,942	36,606	40,849	40,286	47,963	41,693
24										
25	TN	F	331001	Transmission & Distribution Mains	130,910	130,879	130,466	130,406	130,406	140,790
26	TN	F	335000	Hydrants	477,793	507,926	504,859	502,345	508,386	506,611
27										
28	TN	G	333000	Services	-	-	-	-	-	-
29										
30	TN	H	333000	Services	1,138,962	1,183,320	1,195,813	1,229,238	1,255,964	1,279,335
31	TN	H	334100	Meters	1,381	2,254	2,912	3,458	4,113	4,971
32										
33	TN	I	334100	Meters	-	-	-	-	-	-
34	TN	I	334200	Meter Installations	-	-	-	-	-	-
35										
36	TN	J	334100	Meters	733,945	733,509	733,509	733,509	308,631	295,389
37	TN	J	334200	Meter Installations	1,742,335	1,755,398	1,771,266	1,849,074	2,327,065	2,362,958
38										
39	TN	K	340200	Computer & Peripheral Equipment	-	-	-	-	-	-
40										
41	TN	L	320100	WT Equip Non-Media	268,337	268,337	268,337	268,337	268,337	268,337
42	TN	L	340200	Computer & Peripheral Equipment	0	0	0	0	0	49,331
43	TN	L	346100	Comm Equip Non-Telephone	41,119	41,119	41,119	41,119	41,119	41,119
44	TN	L	346190	Remote Control & Instrument	446,824	446,824	446,824	446,824	446,824	567,583
45										
46	TN	M	304300	Structures & Improvement - Treatment	137,152	137,152	137,152	137,152	137,152	190,909
47	TN	M	304400	Struct & Imp-Treatment-T&D	-	-	-	-	-	43,791
48	TN	M	304500	Structures & Improvement - General	6,193	6,193	6,193	6,193	6,193	6,193
49										
50	TN	N	304500	Structures & Improvement - General	-	-	-	-	-	-

Tennessee American Water Company
 Qualified Infrastructure Improvement Program
 Economic Development Rider
 Safety and Environmental Compliance Rider

ACTUAL 2016 From Docket #17-00022

Business Unit Tennessee
 Revision Date May 21, 2015
 Description TN BP 2016-2020 SCEP

					Cumulative Balance of In-Serviced Plant, from 2016 Capex, by Period						
		Business Unit No.	Project Title	Account	Account Description	7	8	9	10	11	12
Line #											
51											
52	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks	-	-	-	-	-	-
53	TN	O		341200	Transportation Equip Hvy Duty Trucks	-	-	-	-	-	-
54	TN	O		341300	Transportation Equip Autos	-	-	-	-	-	-
55											
56	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment	-	-	-	-	-	-
57											
58	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	134,550	134,550	134,550	134,550	217,743	238,495
59	TN	Q		304200	Struct & Imp-Pumping	382,401	389,350	391,745	393,847	393,847	375,214
60	TN	Q		304300	Struct & Imp-Treatment	21,474	21,474	21,474	21,474	21,474	21,474
61	TN	Q		304400	Struct & Imp-Treatment-T&D	25,679	25,679	25,679	25,679	25,679	25,679
62	TN	Q		304500	Structures & Improvement - General	27,713	27,713	27,713	27,713	27,713	27,713
63	TN	Q		304700	Struct & Imp-Store,Shop,Garage	-	-	-	-	-	-
64	TN	Q		306000	Lake, River & Other Intakes	24,247	24,247	24,247	24,247	24,247	24,247
65	TN	Q		309000	Supply Mains	9,862	9,862	9,862	9,862	9,862	9,862
66	TN	Q		310000	Power Generation Equip	25,066	25,066	25,066	25,066	25,066	25,066
67	TN	Q		311200	Pump Eqp Electric	21,062	21,062	21,062	21,062	21,062	21,062
68	TN	Q		311520	Pumping Equipment SOS	710,878	852,310	854,231	854,441	854,441	852,578
69	TN	Q		320100	WT Equip Non-Media	1,851,801	1,852,167	1,852,167	1,853,431	1,857,446	1,870,356
70	TN	Q		320200	Water Trmt Equip Filter Media	698,052	698,052	698,052	696,056	696,056	696,056
71	TN	Q		330000	Dist Reservoirs & Standpipes	-	-	-	-	-	-
72	TN	Q		331001	Transmission & Distribution Mains	-	-	-	-	-	-
73	TN	Q		334100	Meters	-	-	-	-	-	-
74	TN	Q		340200	Computer & Peripheral Equipment	-	-	-	-	-	-
75	TN	Q		343000	Tools, Shop, Garage Equipment	3,294	3,294	3,294	3,294	3,294	3,294
76	TN	Q		344000	Laboratory Equipment	1,452	1,452	1,452	1,452	1,452	1,452
77	TN	Q		345000	Power Operated Equipment	41,485	41,485	41,485	41,485	41,485	41,485
78	TN	Q		346190	Remote Control & Instrument	3,502	3,502	3,502	3,502	3,502	3,502
79	TN	Q		347000	Misc Equipment	7,793	7,793	7,793	7,793	7,793	7,793
80											
81	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	-	-	-	-	-	-
82	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	1,250,689	1,250,689	1,250,689	1,250,689	1,250,689	1,250,689
83	TN	R		320100	WT Equip Non-Media	259,932	259,932	259,932	259,932	259,932	259,932
84	TN	R		320200	Water Trmt Equip Filter Media	52,740	52,740	52,740	52,740	52,740	52,740
85	TN	R		330000	Dist Reservoirs & Standpipes	548,575	548,575	23,045	23,045	23,045	23,045
86	TN	R		330003	Tank Repainting	46,367	46,367	338,167	338,167	338,167	338,167
87	TN	R		330100	Elevated Tanks & Standpipes	-	-	90,599	90,599	90,599	90,599
88	TN	R		330200	Ground Level Tanks	-	-	-	-	-	-
89											
90	TN	S	Engineering Studies	331001	Transmission & Distribution Mains	-	-	-	-	-	-
91			Total Recurring Projects								
92											
93			ACQUISITIONS								
94											
95			Total Acquisitions								
96											
97			CENTRALLY SPONSORED PROJECTS								
98	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	-	-	-	-	-	-
99	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	-	-	-	-	-	-
100			Total Centrally Sponsored Projects								

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

ACTUAL 2016 From Docket #17-00022

Business Unit Tennessee
Revision Date May 21, 2015
Description TN BP 2016-2020 SCEP

					Cumulative Balance of In-Serviced Plant, from 2016 Capex, by Period					
Line #	Business Unit No.	Project Title	Account	Account Description	7	8	9	10	11	12
101										
102		INVESTMENT PROJECTS								
103	TN	126-020017		Electrical Motor Efficiency Enhancement (\$2.9)	-	-	-	-	-	-
104	TN	126-020027		Construct 1.0MG Tank & 2500-16" ER (\$1.0)	-	-	-	-	-	-
105	TN	126-020028	304300	Citico Plant Improvements Phase 1B (\$8.6)	5,858,336	6,077,507	6,210,308	6,228,087	6,267,280	6,290,400
106	TN	126-020028	320100	WT Equip Non-Media	1,952,779	2,025,836	2,070,103	2,076,029	2,089,093	2,096,800
107	TN	126-020032	304200	Wastewater Treatm't & Handling Impr (\$15.3)	13,944	13,949	13,901	14,798	14,993	14,597
108	TN	126-020032	304300	Struct & Imp-Treatment	364,072	364,207	362,949	386,382	391,459	394,579
109	TN	126-020032	304400	Struct & Imp-T&D	-	-	-	-	-	-
110	TN	126-020032	304500	Structures & Improvement - General	9,103,923	9,103,923	9,103,923	9,103,923	9,103,923	9,103,923
111	TN	126-020032	320100	WT Equip Non-Media	5,948,878	5,949,067	5,947,317	5,979,927	5,986,993	5,988,538
112	TN	126-020032	330200	Ground Level Tanks	45,429	45,429	45,429	45,429	45,429	45,429
113	TN	126-020032	347000	Misc Equipment	18,510	18,510	18,509	18,531	18,535	18,537
114	TN	126-020034		3000'-24" Tennessee River Crossing (\$0.5)	-	-	-	-	-	-
115	TN	126-020038	304300	Retire Basin 1	-	-	-	-	-	-
116	TN	126-020039		Basin 2 Tube Settlers	-	-	-	-	-	-
117	TN	126-020040		Chlorine Gas Conversion	-	-	-	-	-	-
118	TN	126-020041		Electrical - Breakers and Relays (\$0.6)	-	-	-	-	-	-
119	TN	126-020042		Pumping Auxiliary Power (\$1.4)	-	-	-	-	-	-
120	TN	126-020043		Energy Reduction and Efficiency (\$0.87)	-	-	-	-	-	-
121	TN	126-020044		New Raw Water Intake Citico (\$13)	-	-	-	-	-	-
122	TN	126-020045		Renovate Filter Bldg 3 (\$0.75)	-	-	-	-	-	-
123	TN	126-020046		New Field Services Facility (\$4.5)	-	-	-	-	-	-
124	TN	126-050001		Raw Water Intake Improvements Whitwell (\$2)	-	-	-	-	-	-
125	TN	126-050002		Facility Upgrades at Whitwell WTP (\$0.3) 1/3 in 2018	-	-	-	-	-	-
126	TN	126-050003		Replace 0.5 MG Storage Tanks at Whitwell (\$.5)	-	-	-	-	-	-
127	TN	126-050004		Replace 0.1 MG Storage Tank at Whitwell (\$0.3) 1/3 in 18	-	-	-	-	-	-
128	TN	126-020002		Post Acquisition BD Capex	-	-	-	-	-	-
129	TN	126-000001	331001	Whitwell Acquisition Capital Investment	-	-	-	-	-	-
130	TN	126-000001	320200	Transmission & Distribution Mains	-	-	-	-	-	-
131	TN	126-000001	311520	Struct & Imp-Supply	-	-	-	-	-	-
132	TN	126-000001	311520	Struct & Imp-Pumping	-	-	-	-	-	-
132	TN	126-000001	340200	Struct & Imp-Treatment	-	-	-	-	-	-
133										
134	TN	(1) Retire Basin 1 project postponed and amounts shifted to		Total DV Included:					\$ 45,261,416	
135	TN	126-020032 Wastewater Treatment & Handling Project.								
136	TN	Spend added and in-serviced in April 2016		Total DV Excluded:					\$ 45,261,416	
137										
138	TN	(2) From prior docket #s and sourced accounts.		Total Surcharge Amt:					\$ 45,261,416	
139	TN	(3) From actual or estimated in-service data provided by the company.								
140	TN	(4) Tax depreciation rates utilized by the company.		SEC Total:					\$ 20,978,192	
141										
142				EDI Total:					\$ 835,424	
143										
144				QIIP Total:					\$ 23,447,800	

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

ACTUAL 2016 From Docket #17-00022

Business Unit Tennessee
Revision Date May 21, 2015
Description TN BP 2016-2020 SCEP

2016

Line #	Business Unit No.	Project Title	Account	Account Description	Surcharge	Average Plant in Service	Average Retires (Replacement Projects Only)	Average CIAC	Depreciation Expense	Cost of Removal Less Salvage
1		RECURRING PROJECTS								
2	TN	DV	331001	Transmission & Distribution Mains		\$ -	\$ -	\$ -	\$ -	\$ -
3	TN	DV	333000	Services		-	-	-	-	-
4	TN	DV	335000	Hydrants		-	-	-	-	-
5										
6	TN	A	331001	Transmission & Distribution Mains	EDI	551,255	-	-	6,891	-
7	TN	A	333000	Services	EDI	4,861	-	-	54	-
8	TN	A	334300	Meter Vaults	EDI	15,386	-	-	420	-
9	TN	A	335000	Hydrants	EDI	19,477	-	-	448	-
10										
11	TN	B	331001	Transmission & Distribution Mains	QIIP	2,164,950	(77,984)	-	26,087	20,335
12	TN	B	333000	Services	QIIP	173,325	-	-	1,924	43,376
13	TN	B	335000	Hydrants	QIIP	29,296	(426)	-	664	48
14										
15	TN	C	331001	Transmission & Distribution Mains	QIIP	3,151,444	(104,977)	-	38,081	274,521
16	TN	C	335000	Hydrants	QIIP	7,957	-	-	183	-
17										
18	TN	D	331001	Transmission & Distribution Mains	QIIP	1,480,122	(113,606)	(417,526)	11,862	103,080
19	TN	D	333000	Services	QIIP	1,330	-	-	15	48,961
20	TN	D	335000	Hydrants	QIIP	9,695	(64,148)	-	(1,252)	-
21										
22	TN	E	331001	Transmission & Distribution Mains	EDI	136,420	-	-	1,705	-
23	TN	E	335000	Hydrants	EDI	33,824	(882)	(1,778)	717	933
24										
25	TN	F	331001	Transmission & Distribution Mains	QIIP	126,309	(12,924)	-	1,417	39,380
26	TN	F	335000	Hydrants	QIIP	476,595	(30,966)	-	10,249	500
27										
28	TN	G	333000	Services		-	-	-	-	-
29										
30	TN	H	333000	Services	QIIP	1,100,325	(11,700)	-	12,084	238,537
31	TN	H	334100	Meters	QIIP	1,612	(2,058)	-	(33)	742
32										
33	TN	I	334100	Meters		-	-	-	-	-
34	TN	I	334200	Meter Installations		-	-	-	-	-
35										
36	TN	J	334100	Meters	QIIP	478,695	(184,770)	-	21,956	46,882
37	TN	J	334200	Meter Installations	QIIP	1,728,984	(14,276)	-	46,812	402,481
38										
39	TN	K	340200	Computer & Peripheral Equipment		-	-	-	-	-
40										
41	TN	L	320100	WT Equip Non-Media	SEC	268,337	(12,365)	-	2,790	5,933
42	TN	L	340200	Computer & Peripheral Equipment	SEC	3,795	-	-	83	-
43	TN	L	346100	Comm Equip Non-Telephone	SEC	41,119	-	-	1,731	-
44	TN	L	346190	Remote Control & Instrument	SEC	455,101	(48,166)	-	17,132	2,285
45										
46	TN	M	304300	Structures & Improvement - Treatment	SEC	139,542	(3,494)	-	5,592	1,338
47	TN	M	304400	Struct & Imp-Treatment-T&D	SEC	3,369	-	-	72	-
48	TN	M	304500	Structures & Improvement - General	SEC	6,193	-	-	70	-
49										
50	TN	N	304500	Structures & Improvement - General		-	-	-	-	-

Tennessee American Water Company
 Qualified Infrastructure Improvement Program
 Economic Development Rider
 Safety and Environmental Compliance Rider

ACTUAL 2016 From Docket #17-00022

Business Unit Tennessee
 Revision Date May 21, 2015
 Description TN BP 2016-2020 SCEP

2016

Line #	Business Unit No.	Project Title	Account	Account Description	Surcharge	Average Plant in Service	Average Retires (Replacement Projects Only)	Average CIAC	Depreciation Expense	Cost of Removal Less Salvage
51										
52	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks	-	-	-	-	-
53	TN	O		341200	Transportation Equip Hvy Duty Trucks	-	-	-	-	-
54	TN	O		341300	Transportation Equip Autos	-	-	-	-	-
55										
56	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment	-	-	-	-	-
57										
58	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	SEC	146,479	-	2,900	580
59	TN	Q		304200	Struct & Imp-Pumping	SEC	178,954	(13,112)	3,284	10,464
60	TN	Q		304300	Struct & Imp-Treatment	SEC	16,433	(5,522)	448	359
61	TN	Q		304400	Struct & Imp-Treatment-T&D	SEC	25,677	-	547	-
62	TN	Q		304500	Structures & Improvement - General	SEC	27,713	-	313	277
63	TN	Q		304700	Struct & Imp-Store,Shop,Garage	SEC	-	(7,487)	(55)	1
64	TN	Q		306000	Lake, River & Other Intakes	SEC	16,786	-	139	144
65	TN	Q		309000	Supply Mains	SEC	9,862	-	184	-
66	TN	Q		310000	Power Generation Equip	SEC	25,066	-	3,091	115
67	TN	Q		311200	Pump Eqp Electric	SEC	20,352	(40,171)	(486)	4,764
68	TN	Q		311520	Pumping Equipment SOS	SEC	685,845	(48,626)	11,661	5,520
69	TN	Q		320100	WT Equip Non-Media	SEC	1,841,593	(227,275)	17,596	212,828
70	TN	Q		320200	Water Trmt Equip Filter Media	SEC	697,908	(331,079)	123,585	387,744
71	TN	Q		330000	Dist Reservoirs & Standpipes	SEC	-	(0)	(0)	-
72	TN	Q		331001	Transmission & Distribution Mains	SEC	-	-	-	-
73	TN	Q		334100	Meters	SEC	-	-	-	-
74	TN	Q		340200	Computer & Peripheral Equipment	SEC	-	(0)	(0)	105
75	TN	Q		343000	Tools, Shop, Garage Equipment	SEC	2,534	(2,081)	31	-
76	TN	Q		344000	Laboratory Equipment	SEC	790	(148,865)	(1,496)	712
77	TN	Q		345000	Power Operated Equipment	SEC	41,485	(9,547)	2,245	1,547
78	TN	Q		346190	Remote Control & Instrument	SEC	3,502	(1,908)	67	-
79	TN	Q		347000	Misc Equipment	SEC	7,793	(1,596)	392	2,546
80										
81	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	QIIP	(60)	(94,900)	(3,903)	-
82	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	QIIP	1,200,693	(157,068)	125,861	573,230
83	TN	R		320100	WT Equip Non-Media	QIIP	432,922	(125,175)	3,354	78,720
84	TN	R		320200	Water Trmt Equip Filter Media	QIIP	44,626	(30,782)	4,664	174,697
85	TN	R		330000	Dist Reservoirs & Standpipes	QIIP	391,340	-	8,140	0
86	TN	R		330003	Tank Repainting	QIIP	136,152	(33,721)	11,349	63,356
87	TN	R		330100	Elevated Tanks & Standpipes	QIIP	27,877	-	764	-
88	TN	R		330200	Ground Level Tanks	QIIP	-	(446)	(12)	977
89										
90	TN	S	Engineering Studies	331001	Transmission & Distribution Mains	-	-	-	-	-
91			Total Recurring Projects							
92										
93			ACQUISITIONS							
94										
95			Total Acquisitions							
96										
97			CENTRALLY SPONSORED PROJECTS							
98	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	-	-	-	-	-
99	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	-	-	-	-	-
100			Total Centrally Sponsored Projects							

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

ACTUAL 2016 From Docket #17-00022

Business Unit Tennessee
Revision Date May 21, 2015
Description TN BP 2016-2020 SCEP

Description					TN BP 2016-2020 SCEP					2016				

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

ACTUAL 2016 From Docket #17-00022

Business Unit Tennessee
Revision Date May 21, 2015
Description TN BP 2016-2020 SCEP

Line #	Business Unit No.	Project Title	Account	Account Description	Tax Depr class life	Y1 Tax Depr Rate (4)	Y2 Tax Depr Rate (4)	Y3 Tax Depr Rate (4)	Tax Depreciation	Tax over Book Depreciation	Tax Rate	Depreciation Deferred Tax (DTA, (DTL))	NOTES
1				RECURRING PROJECTS									
2	TN	DV		Projects Funded by Others	25 yr	0.02	0.04	0.04	\$ -	-	0.39225	-	This should be zero if related to non-taxable
3	TN	DV	333000	Services	25 yr	0.02	0.04	0.04	-	-	0.39225	-	This should be zero if related to non-taxable
4	TN	DV	335000	Hydrants	25 yr	0.02	0.04	0.04	-	-	0.39225	-	This should be zero if related to non-taxable
5													
6	TN	A	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	0.04	21,077	14,186	0.39225	(5,565)	
7	TN	A	333000	Services	25 yr	0.02	0.04	0.04	179	125	0.39225	(49)	
8	TN	A	334300	Meter Vaults	25 yr	0.02	0.04	0.04	364	(56)	0.39225	22	
9	TN	A	335000	Hydrants	25 yr	0.02	0.04	0.04	721	273	0.39225	(107)	
10													
11	TN	B	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	0.04	86,369	60,282	0.39225	(23,645)	
12	TN	B	333000	Services	25 yr	0.02	0.04	0.04	6,990	5,066	0.39225	(1,987)	
13	TN	B	335000	Hydrants	25 yr	0.02	0.04	0.04	1,175	511	0.39225	(201)	
14													
15	TN	C	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	0.04	120,791	82,710	0.39225	(32,443)	
16	TN	C	335000	Hydrants	25 yr	0.02	0.04	0.04	100	(83)	0.39225	33	
17													
18	TN	D	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	0.04	49,344	37,481	0.39225	(14,702)	
19	TN	D	333000	Services	25 yr	0.02	0.04	0.04	53	38	0.39225	(15)	
20	TN	D	335000	Hydrants	25 yr	0.02	0.04	0.04	379	1,632	0.39225	(640)	
21													
22	TN	E	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	0.04	5,111	3,406	0.39225	(1,336)	
23	TN	E	335000	Hydrants	25 yr	0.02	0.04	0.04	1,361	644	0.39225	(253)	
24													
25	TN	F	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	0.04	5,241	3,824	0.39225	(1,500)	
26	TN	F	335000	Hydrants	25 yr	0.02	0.04	0.04	18,347	8,098	0.39225	(3,176)	
27													
28	TN	G	333000	Services	25 yr	0.02	0.04	0.04	-	-	0.39225	-	
29													
30	TN	H	333000	Services	25 yr	0.02	0.04	0.04	43,017	30,933	0.39225	(12,133)	
31	TN	H	334100	Meters	25 yr	0.02	0.04	0.04	99	133	0.39225	(52)	
32													
33	TN	I	334100	Meters	25 yr	0.02	0.04	0.04	-	-	0.39225	-	
34	TN	I	334200	Meter Installations	25 yr	0.02	0.04	0.04	-	-	0.39225	-	
35													
36	TN	J	334100	Meters	25 yr	0.02	0.04	0.04	11,484	(10,472)	0.39225	4,108	
37	TN	J	334200	Meter Installations	25 yr	0.02	0.04	0.04	77,114	30,303	0.39225	(11,886)	
38													
39	TN	K	340200	Computer & Peripheral Equipment	5 yr	0.2	0.32	0.192	-	-	0.39225	-	
40													
41	TN	L	320100	WT Equip Non-Media	25 yr	0.02	0.04	0.04	10,733	7,943	0.39225	(3,116)	
42	TN	L	340200	Computer & Peripheral Equipment	5 yr	0.2	0.32	0.192	7,664	7,581	0.39225	(2,974)	
43	TN	L	346100	Comm Equip Non-Telephone	5 yr	0.2	0.32	0.192	5,820	4,089	0.39225	(1,604)	
44	TN	L	346190	Remote Control & Instrument	5 yr	0.2	0.32	0.192	147,384	130,252	0.39225	(51,091)	
45													
46	TN	M	304300	Structures & Improvement - Treatment	39 yr	0.01282	0.02564	0.02564	4,135	(1,457)	0.39225	571	
47	TN	M	304400	Struct & Imp-Treatment-T&D	39 yr	0.01282	0.02564	0.02564	561	490	0.39225	(192)	
48	TN	M	304500	Structures & Improvement - General	39 yr	0.01282	0.02564	0.02564	159	89	0.39225	(35)	
49													
50	TN	N	304500	Structures & Improvement - General	39 yr	0.01282	0.02564	0.02564	-	-	0.39225	-	

Tennessee American Water Company
 Qualified Infrastructure Improvement Program
 Economic Development Rider
 Safety and Environmental Compliance Rider

ACTUAL 2016 From Docket #17-00022

Business Unit Tennessee
 Revision Date May 21, 2015
 Description TN BP 2016-2020 SCEP

Line #	Business Unit No.		Project Title	Account	Account Description	Tax Depr class life	Y1 Tax Depr Rate (4)	Y2 Tax Depr Rate (4)	Y3 Tax Depr Rate (4)	Tax Depreciation	Tax over Book Depreciation	Tax Rate	Depreciation Deferred Tax (DTA, (DTL))	NOTES
51														
52	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks	5 yr	0.2	0.32	0.192	-	-	0.39225	-	
53	TN	O		341200	Transportation Equip Hvy Duty Trucks	5 yr	0.2	0.32	0.192	-	-	0.39225	-	
54	TN	O		341300	Transportation Equip Autos	5 yr	0.2	0.32	0.192	-	-	0.39225	-	
55														
56	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment	25 yr	0.02	0.04	0.04	-	-	0.39225	-	
57														
58	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	39 yr	0.01282	0.02564	0.02564	4,631	1,731	0.39225	(679)	
59	TN	Q		304200	Struct & Imp-Pumping	39 yr	0.01282	0.02564	0.02564	4,810	1,527	0.39225	(599)	
60	TN	Q		304300	Struct & Imp-Treatment	39 yr	0.01282	0.02564	0.02564	367	(82)	0.39225	32	
61	TN	Q		304400	Struct & Imp-Treatment-T&D	39 yr	0.01282	0.02564	0.02564	658	111	0.39225	(44)	
62	TN	Q		304500	Structures & Improvement - General	39 yr	0.01282	0.02564	0.02564	711	397	0.39225	(156)	
63	TN	Q		304700	Struct & Imp-Store,Shop,Garage	39 yr	0.01282	0.02564	0.02564	-	55	0.39225	(21)	
64	TN	Q		306000	Lake, River & Other Intakes	25 yr	0.02	0.04	0.04	485	346	0.39225	(136)	
65	TN	Q		309000	Supply Mains	25 yr	0.02	0.04	0.04	394	210	0.39225	(82)	
66	TN	Q		310000	Power Generation Equip	25 yr	0.02	0.04	0.04	1,003	(2,088)	0.39225	819	
67	TN	Q		311200	Pump Eqp Electric	25 yr	0.02	0.04	0.04	798	1,284	0.39225	(504)	
68	TN	Q		311520	Pumping Equipment SOS	25 yr	0.02	0.04	0.04	26,352	14,691	0.39225	(5,763)	
69	TN	Q		320100	WT Equip Non-Media	25 yr	0.02	0.04	0.04	73,534	55,938	0.39225	(21,942)	
70	TN	Q		320200	Water Trmt Equip Filter Media	25 yr	0.02	0.04	0.04	27,799	(95,786)	0.39225	37,572	
71	TN	Q		330000	Dist Reservoirs & Standpipes	25 yr	0.02	0.04	0.04	-	0	0.39225	(0)	
72	TN	Q		331001	Transmission & Distribution Mains	25 yr	0.02	0.04	0.04	-	-	0.39225	-	
73	TN	Q		334100	Meters	25 yr	0.02	0.04	0.04	-	-	0.39225	-	
74	TN	Q		340200	Computer & Peripheral Equipment	5 yr	0.2	0.32	0.192	-	0	0.39225	(0)	
75	TN	Q		343000	Tools, Shop, Garage Equipment	25 yr	0.02	0.04	0.04	66	35	0.39225	(14)	
76	TN	Q		344000	Laboratory Equipment	25 yr	0.02	0.04	0.04	29	1,525	0.39225	(598)	
77	TN	Q		345000	Power Operated Equipment	25 yr	0.02	0.04	0.04	1,659	(586)	0.39225	230	
78	TN	Q		346190	Remote Control & Instrument	5 yr	0.2	0.32	0.192	1,120	1,053	0.39225	(413)	
79	TN	Q		347000	Misc Equipment	25 yr	0.02	0.04	0.04	312	(81)	0.39225	32	
80														
81	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	39 yr	0.01282	0.02564	0.02564	(10)	3,893	0.39225	(1,527)	
82	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	39 yr	0.01282	0.02564	0.02564	16,034	(109,827)	0.39225	43,080	
83	TN	R		320100	WT Equip Non-Media	25 yr	0.02	0.04	0.04	51,408	48,053	0.39225	(18,849)	
84	TN	R		320200	Water Trmt Equip Filter Media	25 yr	0.02	0.04	0.04	1,055	(3,609)	0.39225	1,416	
85	TN	R		330000	Dist Reservoirs & Standpipes	25 yr	0.02	0.04	0.04	11,813	3,673	0.39225	(1,441)	
86	TN	R		330003	Tank Repainting	25 yr	0.02	0.04	0.04	7,691	(3,659)	0.39225	1,435	
87	TN	R		330100	Elevated Tanks & Standpipes	25 yr	0.02	0.04	0.04	1,812	1,048	0.39225	(411)	
88	TN	R		330200	Ground Level Tanks	25 yr	0.02	0.04	0.04	-	12	0.39225	(5)	
89														
90	TN	S	Engineering Studies	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	0.04	-	-	0.39225	-	
91			Total Recurring Projects											
92														
93			ACQUISITIONS											
94														
95			Total Acquisitions											
96														
97			CENTRALLY SPONSORED PROJECTS											
98	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	3 yr	0.3333	0.3333	0.3334	-	-	0.39225	-	
99	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate									
100			Total Centrally Sponsored Projects											

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

ACTUAL 2016 From Docket #17-00022

Business Unit Tennessee
Revision Date May 21, 2015
Description TN BP 2016-2020 SCEP

Line #	Business Unit No.	Project Title	Account	Account Description	Tax Depr class life	Y1 Tax Depr Rate (4)	Y2 Tax Depr Rate (4)	Y3 Tax Depr Rate (4)	Tax Depreciation	Tax over Book Depreciation	Tax Rate	Depreciation Deferred Tax (DTA, (DTL))	NOTES
101													
102		INVESTMENT PROJECTS											
103	TN	I26-020017		Electrical Motor Efficiency Enhancement (\$2.9)					-			-	
104	TN	I26-020027		Construct 1.0MG Tank & 2500-16" ER (\$1.0)					-				
105	TN	I26-020028	304300	Citico Plant Improvements Phase 1B (\$8.6)	39 yr	0.01282	0.02564	0.02564	80,643	(53,814)	0.39225	21,109	
106	TN	I26-020028	320100	WT Equip Non-Media	25 yr	0.02	0.04	0.04	41,936	30,050	0.39225	(11,787)	
107	TN	I26-020032	304200	Wastewater Treatm't & Handling Impr (\$15.3)	39 yr	0.01282	0.02564	0.02564	187	145	0.39225	(57)	
108	TN	I26-020032	304300	Struct & Imp-Treatment	39 yr	0.01282	0.02564	0.02564	5,058	(5,571)	0.39225	2,185	
109	TN	I26-020032	304400	Struct & Imp-T&D	39 yr	0.01282	0.02564	0.02564	-	-	0.39225	-	
110	TN	I26-020032	304500	Structures & Improvement - General	39 yr	0.01282	0.02564	0.02564	236,888	133,552	0.39225	(52,386)	
111	TN	I26-020032	320100	WT Equip Non-Media	25 yr	0.02	0.04	0.04	231,848	167,836	0.39225	(65,834)	
112	TN	I26-020032	330200	Ground Level Tanks	25 yr	0.02	0.04	0.04	1,844	594	0.39225	(233)	
113	TN	I26-020032	347000	Misc Equipment	25 yr	0.02	0.04	0.04	745	(428)	0.39225	168	
114	TN	I26-020034		3000'-24" Tennessee River Crossing (\$0.5)									
115	TN	I26-020038	304300	Retire Basin 1	39 yr	0.01282	0.02564	0.02564		-	0.39225	-	
116	TN	I26-020039		Basin 2 Tube Settlers									
117	TN	I26-020040		Chlorine Gas Conversion									
118	TN	I26-020041		Electrical - Breakers and Relays (\$0.6)									
119	TN	I26-020042		Pumping Auxiliary Power (\$1.4)									
120	TN	I26-020043		Energy Reduction and Efficiency (\$0.87)									
121	TN	I26-020044		New Raw Water Intake Citico (\$13)									
122	TN	I26-020045		Renovate Filter Bldg 3 (\$0.75)									
123	TN	I26-020046		New Field Services Facility (\$4.5)									
124	TN	I26-050001		Raw Water Intake Improvements Whitwell (\$2)									
125	TN	I26-050002		Facility Upgrades at Whitwell WTP (\$0.3) 1/3 in 2018									
126	TN	I26-050003		Replace 0.5 MG Storage Tanks at Whitwell (\$.5)									
127	TN	I26-050004		Replace 0.1 MG Storage Tank at Whitwell (\$0.3) 1/3 in 18									
128	TN	I26-020002		Post Acquisition BD Capex									
129	TN	I26-000001	331001	Whitwell Acquisition Capital Investment	25 yr	0.02	0.04	0.04	-	-	0.39225	-	
130	TN	I26-000001	320200	Struct & Imp-Supply	25 yr	0.02	0.04	0.04	-	-	0.39225	-	
131	TN	I26-000001	311520	Struct & Imp-Pumping	25 yr	0.02	0.04	0.04	-	-	0.39225	-	
132	TN	I26-000001	340200	Struct & Imp-Treatment	5 yr	0.2	0.32	0.192	-	-	0.39225	-	
133													
134	TN	(1) Retire Basin 1 project postponed and amounts shifted to		Total DV Included:					\$ 1,459,453	\$ 610,246		\$ (239,369)	See note under DV above
135	TN	I26-020032 Wastewater Treatment & Handling Project.											
136	TN	Spend added and in-serviced in April 2016		Total DV Excluded:					\$ 1,459,453	\$ 610,246		\$ (239,369)	
137													
138	TN	(2) From prior docket #s and sourced accounts.		Total Surcharge Amt:					\$ 1,459,453	\$ 610,246		\$ (239,369)	
139	TN	(3) From actual or estimated in-service data provided by the company.											
140	TN	(4) Tax depreciation rates utilized by the company.		SEC Total:					\$ 797,757	\$ 425,395		\$ (166,861)	
141													
142				EDI Total:					\$ 28,812	\$ 18,577		\$ (7,287)	
143													
144				QIIP Total:					\$ 632,884	\$ 166,274		\$ (65,221)	

Tennessee American Water Company
 Qualified Infrastructure Improvement Program
 Economic Development Rider
 Safety and Environmental Compliance Rider

ACTUAL 2016 From Docket #17-00022

Business Unit Tennessee
 Revision Date May 21, 2015
 Description TN BP 2016-2020 SCEP

Line #		Business Unit No.	Project Title	Account	Account Description	Average Accum Depreciation	Average Depreciation Deferred Tax (DTA, (DTL))
1			RECURRING PROJECTS				
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains	\$ -	\$ -
3	TN	DV		333000	Services	-	-
4	TN	DV		335000	Hydrants	-	-
5							
6	TN	A	Mains - New	331001	Transmission & Distribution Mains	(6,750)	(5,065)
7	TN	A		333000	Services	(57)	(38)
8	TN	A		334300	Meter Vaults	(210)	11
9	TN	A		335000	Hydrants	(386)	(79)
10							
11	TN	B	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	(28,824)	(27,766)
12	TN	B		333000	Services	(1,867)	(2,161)
13	TN	B		335000	Hydrants	(1,056)	(234)
14							
15	TN	C	Mains - Unscheduled	331001	Transmission & Distribution Mains	(41,974)	(33,199)
16	TN	C		335000	Hydrants	(92)	16
17							
18	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains	(9,528)	(17,879)
19	TN	D		333000	Services	(17)	(17)
20	TN	D		335000	Hydrants	1,972	(905)
21							
22	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	(1,379)	(1,589)
23	TN	E		335000	Hydrants	(2,249)	(84)
24							
25	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	(1,109)	(1,724)
26	TN	F		335000	Hydrants	(14,847)	(3,450)
27							
28	TN	G	Services and Laterals - New	333000	Services	-	-
29							
30	TN	H	Services and Laterals - Replaced	333000	Services	(15,552)	(14,200)
31	TN	H		334100	Meters	17	(26)
32							
33	TN	I	Meters - New	334100	Meters	-	-
34	TN	I		334200	Meter Installations	-	-
35							
36	TN	J	Meters - Replaced	334100	Meters	(35,279)	8,816
37	TN	J		334200	Meter Installations	(55,405)	(11,364)
38							
39	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment	-	-
40							
41	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media	(5,915)	(5,240)
42	TN	L		340200	Computer & Peripheral Equipment	(251)	(2,553)
43	TN	L		346100	Comm Equip Non-Telephone	(3,583)	(6,808)
44	TN	L		346190	Remote Control & Instrument	(18,187)	(65,637)
45							
46	TN	M	Security Equipment and Systems	304300	Structures & Improvement - Treatment	(3,212)	(213)
47	TN	M		304400	Struct & Imp-Treatment-T&D	(36)	(96)
48	TN	M		304500	Structures & Improvement - General	(105)	(52)
49							
50	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General	-	-

Tennessee American Water Company
 Qualified Infrastructure Improvement Program
 Economic Development Rider
 Safety and Environmental Compliance Rider

ACTUAL 2016 From Docket #17-00022

Business Unit Tennessee
 Revision Date May 21, 2015
 Description TN BP 2016-2020 SCEP

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51							
52	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks	-	-
53	TN	O		341200	Transportation Equip Hvy Duty Trucks	-	-
54	TN	O		341300	Transportation Equip Autos	-	-
55							
56	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment	-	-
57							
58	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	(4,645)	(621)
59	TN	Q		304200	Struct & Imp-Pumping	(1,546)	(337)
60	TN	Q		304300	Struct & Imp-Treatment	(13)	(88)
61	TN	Q		304400	Struct & Imp-Treatment-T&D	(315)	(134)
62	TN	Q		304500	Structures & Improvement - General	(330)	(149)
63	TN	Q		304700	Struct & Imp-Store,Shop,Garage	64	(25)
64	TN	Q		306000	Lake, River & Other Intakes	(70)	(68)
65	TN	Q		309000	Supply Mains	(354)	(93)
66	TN	Q		310000	Power Generation Equip	(6,712)	721
67	TN	Q		311200	Pump Eqp Electric	466	(460)
68	TN	Q		311520	Pumping Equipment SOS	(10,688)	(6,029)
69	TN	Q		320100	WT Equip Non-Media	(21,053)	(23,437)
70	TN	Q		320200	Water Trmt Equip Filter Media	(165,014)	53,831
71	TN	Q		330000	Dist Reservoirs & Standpipes	0	(0)
72	TN	Q		331001	Transmission & Distribution Mains	-	-
73	TN	Q		334100	Meters	-	-
74	TN	Q		340200	Computer & Peripheral Equipment	0	(0)
75	TN	Q		343000	Tools, Shop, Garage Equipment	(16)	(7)
76	TN	Q		344000	Laboratory Equipment	2,362	(834)
77	TN	Q		345000	Power Operated Equipment	(3,144)	582
78	TN	Q		346190	Remote Control & Instrument	(45)	(477)
79	TN	Q		347000	Misc Equipment	(651)	133
80							
81	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	5,554	(2,173)
82	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	(62,931)	21,540
83	TN	R		320100	WT Equip Non-Media	(37,675)	(39,531)
84	TN	R		320200	Water Trmt Equip Filter Media	(2,332)	708
85	TN	R		330000	Dist Reservoirs & Standpipes	(5,645)	(4,819)
86	TN	R		330003	Tank Repainting	(8,899)	1,619
87	TN	R		330100	Elevated Tanks & Standpipes	(382)	(206)
88	TN	R		330200	Ground Level Tanks	24	(8)
89							
90	TN	S	Engineering Studies	331001	Transmission & Distribution Mains	-	-
91			Total Recurring Projects				
92							
93			ACQUISITIONS				
94							
95			Total Acquisitions				
96							
97			CENTRALLY SPONSORED PROJECTS				
98	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		
99	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		
100			Total Centrally Sponsored Projects				

Tennessee American Water Company
 Qualified Infrastructure Improvement Program
 Economic Development Rider
 Safety and Environmental Compliance Rider

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Business Unit Tennessee
 Revision Date May 21, 2015
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101						
102		INVESTMENT PROJECTS				
103	TN	I26-020017 Electrical Motor Efficiency Enhancement (\$2.9)			-	-
104	TN	I26-020027 Construct 1.0MG Tank & 2500-16" ER (\$1.0)			-	-
105	TN	I26-020028 Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment	(67,229)	10,554
106	TN	I26-020028	320100	WT Equip Non-Media	(5,943)	(5,893)
107	TN	I26-020032 Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping	(21)	(28)
108	TN	I26-020032	304300	Struct & Imp-Treatment	(5,315)	1,093
109	TN	I26-020032	304400	Struct & Imp-T&D	-	-
110	TN	I26-020032	304500	Structures & Improvement - General	(67,406)	(67,159)
111	TN	I26-020032	320100	WT Equip Non-Media	(41,081)	(73,320)
112	TN	I26-020032	330200	Ground Level Tanks	(816)	(409)
113	TN	I26-020032	347000	Misc Equipment	(762)	6
114	TN	I26-020034 3000'-24" Tennessee River Crossing (\$0.5)				
115	TN	I26-020038 Retire Basin 1	304300	Struct & Imp-WT		
116	TN	I26-020039 Basin 2 Tube Settlers				
117	TN	I26-020040 Chlorine Gas Conversion				
118	TN	I26-020041 Electrical - Breakers and Relays (\$0.6)				
119	TN	I26-020042 Pumping Auxiliary Power (\$1.4)				
120	TN	I26-020043 Energy Reduction and Efficiency (\$0.87)				
121	TN	I26-020044 New Raw Water Intake Citico (\$13)				
122	TN	I26-020045 Renovate Filter Bldg 3 (\$0.75)				
123	TN	I26-020046 New Field Services Facility (\$4.5)				
124	TN	I26-050001 Raw Water Intake Improvements Whitwell (\$2)				
125	TN	I26-050002 Facility Upgrades at Whitwell WTP (\$0.3) 1/3 in 2018				
126	TN	I26-050003 Replace 0.5 MG Storage Tanks at Whitwell (\$.5)				
127	TN	I26-050004 Replace 0.1 MG Storage Tank at Whitwell (\$0.3) 1/3 in 18				
128	TN	I26-020002 Post Acquisition BD Capex				
129	TN	I26-000001 Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains	0	0
130	TN	I26-000001	320200	Struct & Imp-Supply	0	0
131	TN	I26-000001	311520	Struct & Imp-Pumping	0	0
132	TN	I26-000001	340200	Struct & Imp-Treatment	0	0
133						
134	TN	(1) Retire Basin 1 project postponed and amounts shifted to		Total DV Included:	\$ (758,441)	\$ (327,054)
135	TN	I26-020032 Wastewater Treatment & Handling Project.				
136	TN	Spend added and in-serviced in April 2016		Total DV Excluded:	\$ (758,441)	\$ (327,054)
137						
138	TN	(2) From prior docket #s and sourced accounts.		Total Surcharge Amt:	\$ (758,441)	\$ (327,054)
139	TN	(3) From actual or estimated in-service data provided by the company.				
140	TN	(4) Tax depreciation rates utilized by the company.		SEC Total:	\$ (358,395)	\$ (197,908)
141						
142				EDI Total:	\$ (11,030)	\$ (6,844)
143						
144				QIIP Total:	\$ (389,016)	\$ (122,302)

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit	Tennessee
Revision Date	May 21, 2015
Description	TN BP 2016-2020 SCEP

		Year: 2016							
Business Unit	Business Unit No.	Project Title	1	2	3	4	5	6	7
RECURRING PROJECTS									
Tennessee	DV	Projects Funded by Others	\$ 5,000	\$ 5,000	\$ 30,000	\$ 70,000	\$ 150,000	\$ 100,000	\$ 55,000
Tennessee	A	Mains - New	-	-	-	10,000	30,000	40,000	50,000
Tennessee	B	Mains - Replaced / Restored	-	-	50,000	100,000	150,000	175,000	155,000
Tennessee	C	Mains - Unscheduled	65,000	60,000	90,000	35,000	40,000	70,000	70,000
Tennessee	D	Mains - Relocated	-	-	30,000	40,000	100,000	50,000	30,000
Tennessee	E	Hydrants, Valves, and Manholes - New	-	2,000	5,000	3,000	5,000	4,000	5,000
Tennessee	F	Hydrants, Valves, and Manholes - Replaced	-	-	5,000	15,000	20,000	30,000	30,000
Tennessee	G	Services and Laterals - New	25,000	30,000	36,000	50,000	56,000	65,000	55,000
Tennessee	H	Services and Laterals - Replaced	-	10,000	20,000	18,000	25,000	35,000	33,000
Tennessee	I	Meters - New	-	10,000	15,000	22,000	22,000	32,000	31,400
Tennessee	J	Meters - Replaced	50,000	35,000	60,000	55,000	35,000	35,000	75,000
Tennessee	K	ITS Equipment and Systems	31,446	45,747	68,246	142,076	65,518	80,102	153,588
Tennessee	L	SCADA Equipment and Systems	-	-	-	-	35,000	100,000	125,000
Tennessee	M	Security Equipment and Systems	-	-	10,000	10,000	20,000	45,000	10,000
Tennessee	N	Offices and Operations Centers	-	-	-	40,000	-	-	-
Tennessee	O	Vehicles	-	-	-	-	83,250	83,250	83,250
Tennessee	P	Tools and Equipment	5,000	5,000	5,000	10,000	5,000	10,000	5,000
Tennessee	Q	Process Plant Facilities and Equipment	-	80,000	100,000	150,000	160,000	90,000	60,000
Tennessee	R	Capitalized Tank Rehabilitation/Painting	-	-	-	-	-	-	-
Tennessee	S	Engineering Studies	-	-	-	-	-	-	-
Total Recurring Projects			\$ 176,446	\$ 277,747	\$ 494,246	\$ 700,076	\$ 851,768	\$ 944,352	\$ 971,238
ACQUISITIONS									
Tennessee		Total Acquisitions	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CENTRALLY SPONSORED PROJECTS									
Tennessee	T26-0202	Business Transformation 2010 - 2014							
Tennessee	T26-0203	Business Transformation 2010 - 2014							
Total Centrally Sponsored Projects			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
INVESTMENT PROJECTS									
		Total							
		In Service Date							
Tennessee	I26-020017	Electrical Motor Efficiency Enhancement	2,900,000	7/17/2018					
Tennessee	I26-020027	Construct 1.0MG Tank & 2500-16" ER	3,500,000	7/31/2019					
Tennessee	I26-020028	Citico Plant Improvements Phase 1B	6,649,997	6/1/2016	1,605,850	1,554,821	1,527,550	751,377	1,032,489
Tennessee	I26-020032	Wastewater Treatm't & Handling Impr	-	10/17/2015					
Tennessee	I26-020034	3000'-24" Tennessee River Crossing		12/29/2017					
Tennessee	I26-020038	Retire Basin 1	300,000	11/30/2016					
Tennessee	I26-020039	Basin 2 Tube Settlers	3,500,000	7/30/2018					
Tennessee	I26-020040	Chlorine Gas Conversion	4,500,000	11/30/2020					
Tennessee	I26-000002	Post Acquisition BD Capex	120,000						
Total Investment Projects			\$ 1,605,850	\$ 1,554,821	\$ 1,527,550	\$ 751,377	\$ 1,032,489	\$ 82,986	\$ 68,477
Total Investment and Centrally Sponsored Projects			\$ 1,605,850	\$ 1,554,821	\$ 1,527,550	\$ 751,377	\$ 1,032,489	\$ 82,986	\$ 68,477
Contributions			\$ (20,000)	\$ (20,000)	\$ (20,000)	\$ (20,000)	\$ (20,000)	\$ (20,000)	\$ (20,000)
Advances			(58,333)	(58,333)	(58,333)	(58,333)	(58,333)	(58,333)	(58,333)
Total Refunds			29,167	29,167	29,167	29,167	29,167	29,167	29,167
Gross minus BT			\$ 1,787,296	\$ 1,837,568	\$ 2,051,796	\$ 1,521,454	\$ 2,034,257	\$ 1,127,338	\$ 1,094,715
Net minus BT			(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(49,167)
			\$ 1,738,130	\$ 1,788,401	\$ 2,002,630	\$ 1,472,287	\$ 1,985,090	\$ 1,078,171	\$ 1,045,549
Gross plus BT			\$ 1,787,296	\$ 1,837,568	\$ 2,051,796	\$ 1,521,454	\$ 2,034,257	\$ 1,127,338	\$ 1,094,715
Net plus BT			(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(49,167)
			\$ 1,738,130	\$ 1,788,401	\$ 2,002,630	\$ 1,472,287	\$ 1,985,090	\$ 1,078,171	\$ 1,045,549

*Dollar amounts from TAWC's Annual Capital Planning Process

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit	Tennessee
Revision Date	May 21, 2015
Description	TN BP 2016-2020 SCEP

							U.S. \$		
Business Unit	Business Unit No.	Project Title	8	9	10	11	12	Total 2016	Surcharge Category
RECURRING PROJECTS									
Tennessee	DV	Projects Funded by Others	\$ 55,000	\$ 50,000	\$ 60,000	\$ 120,000	\$ 100,000	\$ 800,000	
Tennessee	A	Mains - New	40,000	30,000	20,000	-	-	220,000	EDI
Tennessee	B	Mains - Replaced / Restored	130,000	50,000	20,500	-	-	830,500	QIIP
Tennessee	C	Mains - Unscheduled	100,000	95,000	95,000	80,000	120,000	920,000	QIIP
Tennessee	D	Mains - Relocated	-	-	-	-	-	250,000	QIIP
Tennessee	E	Hydrants, Valves, and Manholes - New	8,500	8,500	6,000	3,000	-	50,000	EDI
Tennessee	F	Hydrants, Valves, and Manholes - Replaced	60,000	30,000	50,000	20,000	10,000	270,000	QIIP
Tennessee	G	Services and Laterals - New	56,000	46,000	41,000	35,000	26,800	521,800	
Tennessee	H	Services and Laterals - Replaced	23,000	21,000	25,000	20,000	20,000	250,000	QIIP
Tennessee	I	Meters - New	20,000	15,000	15,000	10,000	2,500	194,900	
Tennessee	J	Meters - Replaced	73,930	80,000	120,000	85,000	50,000	753,930	QIIP
Tennessee	K	ITS Equipment and Systems	95,843	102,398	86,528	92,404	74,728	1,038,624	
Tennessee	L	SCADA Equipment and Systems	-	-	-	-	-	260,000	SEC
Tennessee	M	Security Equipment and Systems	20,000	20,000	25,000	20,000	20,000	200,000	SEC
Tennessee	N	Offices and Operations Centers	-	-	-	-	-	40,000	
Tennessee	O	Vehicles	83,250	-	-	-	-	333,000	
Tennessee	P	Tools and Equipment	6,000	1,000	4,000	2,000	2,000	60,000	
Tennessee	Q	Process Plant Facilities and Equipment	80,000	100,000	100,000	55,000	-	975,000	SEC
Tennessee	R	Capitalized Tank Rehabilitation/Painting	-	-	-	-	-	-	QIIP
Tennessee	S	Engineering Studies	-	-	-	-	-	-	
Total Recurring Projects			\$ 796,523	\$ 598,898	\$ 608,028	\$ 422,404	\$ 326,028	\$ 7,167,754	
ACQUISITIONS									
Tennessee		Total Acquisitions	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
CENTRALLY SPONSORED PROJECTS									
Tennessee	T26-0202	Business Transformation 2010 - 2014				\$ -	\$ -	\$ -	
Tennessee	T26-0203	Business Transformation 2010 - 2014							
Total Centrally Sponsored Projects			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
INVESTMENT PROJECTS									
Tennessee	I26-020017	Electrical Motor Efficiency Enhancement						\$ -	SEC
Tennessee	I26-020027	Construct 1.0MG Tank & 2500-16" ER						-	EDI
Tennessee	I26-020028	Citico Plant Improvements Phase 1B	26,446					6,649,997	QIIP
Tennessee	I26-020032	Wastewater Treatm't & Handling Impr						-	SEC
Tennessee	I26-020034	3000'-24" Tennessee River Crossing						-	EDI
Tennessee	I26-020038	Retire Basin 1		50,000	100,000	100,000	50,000	300,000	SEC
Tennessee	I26-020039	Basin 2 Tube Settlers						-	SEC
Tennessee	I26-020040	Chlorine Gas Conversion						-	SEC
Tennessee	I26-000002	Post Acquisition BD Capex		20,000	20,000	20,000		60,000	
Total Investment Projects			\$ 26,446	\$ 70,000	\$ 120,000	\$ 120,000	\$ 50,000	\$ 7,009,997	
Total Investment and Centrally Sponsored Projects			\$ 26,446	\$ 70,000	\$ 120,000	\$ 120,000	\$ 50,000	\$ 7,009,997	
Contributions			\$ (20,000)	\$ (20,000)	\$ (20,000)	\$ (20,000)	\$ (20,000)	\$ (240,000)	
Advances			(58,333)	(58,333)	(58,333)	(58,333)	(58,333)	(700,000)	
Total Refunds			29,167	29,167	29,167	29,167	29,167	350,000	
Gross minus BT			\$ 877,969	\$ 718,898	\$ 788,028	\$ 662,404	\$ 476,028	\$ 14,977,751	
			(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(590,000)	
Net minus BT			\$ 828,802	\$ 669,731	\$ 738,861	\$ 613,237	\$ 426,861	\$ 14,387,751	
Gross plus BT			\$ 877,969	\$ 718,898	\$ 788,028	\$ 662,404	\$ 476,028	\$ 14,977,751	
			(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(590,000)	
Net plus BT			\$ 828,802	\$ 669,731	\$ 738,861	\$ 613,237	\$ 426,861	\$ 14,387,751	

*Dollar amounts from TAWC's Annual Capital Planning Process

9,924,427
270,000

Tennessee American Water Company
 Qualified Infrastructure Improvement Program
 Economic Development Rider
 Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
 PROGRAM**

Business Unit Tennessee
Revision Date June 27, 2014
Description TN BP 2015-2019 SCEP

Line #	Business Unit No.		Project Title	Account	Account Description	Portion to Account	In-Service (Months)	Dep Rate	Prior Year Period 11 Spend	Prior Year Period 12 Spend	2014 SCEP Reforecast	Prior 2014 SCEP
1			RECURRING PROJECTS									
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains	95.5%	3	1.25%				\$ -
3	TN	DV		333000	Services	2.3%	3	1.11%				-
4	TN	DV		335000	Hydrants	2.2%	3	2.30%				-
5												
6	TN	A	Mains - New	331001	Transmission & Distribution Mains	100.0%	3	1.25%				-
7	TN	A		333000	Services		3	1.11%				-
8	TN	A		334300	Meter Vaults		3	2.73%				-
9	TN	A		335000	Hydrants		3	2.30%				-
10												
11	TN	B	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	96.8%	3	1.25%				804,983
12	TN	B		333000	Services	2.9%	3	1.11%				22,175
13	TN	B		335000	Hydrants	0.3%	3	2.30%				27,283
14												
15	TN	C	Mains - Unscheduled	331001	Transmission & Distribution Mains	100.0%	3	1.25%				979,105
16	TN	C		335000	Hydrants		3	2.30%				-
17												
18	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains	96.2%	3	1.25%				69,181
19	TN	D		333000	Services	0.5%	3	1.11%				288
20	TN	D		335000	Hydrants	3.3%	3	2.30%				-
21												
22	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	58.7%	1	1.25%				23,936
23	TN	E		335000	Hydrants	41.3%	1	2.30%				38,569
24												
25	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	64.1%	1	1.25%				21,480
26	TN	F		335000	Hydrants	35.9%	1	2.30%				219,103
27												
28	TN	G	Services and Laterals - New	333000	Services	100.0%	1	1.11%				
29												
30	TN	H	Services and Laterals - Replaced	333000	Services	100.0%	1	1.11%				442,503
31	TN	H		334100	Meters			7.47%				-
32												
33	TN	I	Meters - New	334100	Meters	64.2%	1	7.47%				
34	TN	I		334200	Meter Installations	35.8%	1	2.73%				
35												
36	TN	J	Meters - Replaced	334100	Meters	72.5%	1	7.47%				43,095
37	TN	J		334200	Meter Installations	27.5%	1	2.73%				618,384
38												
39	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment	100.0%	1	2.19%				-
40												
41	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media		1	1.09%				268,337
42	TN	L		340200	Computer & Peripheral Equipment	100.0%	1	2.19%				17,205
43	TN	L		346100	Comm Equip Non-Telephone		1	4.21%				57,328
44	TN	L		346190	Remote Control & Instrument		1	4.21%				144,865
45												
46	TN	M	Security Equipment and Systems	304300	Structures & Improvement - Treatment			4.11%				-
47	TN	M		304400	Struct & Imp-Treatment-T&D			2.13%				-
48	TN	M		304500	Structures & Improvement - General	100.0%	1	1.13%				6,193
49												
50	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General	100.0%	1	1.13%				-

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date June 27, 2014
Description TN BP 2015-2019 SCEP

Line #	Business Unit No.	Project Title	Account	Account Description	Portion to Account	In-Service (Months)	Dep Rate	Prior Year Period 11 Spend	Prior Year Period 12 Spend	2014 SCEP Reforecast	Prior 2014 SCEP
51											
52	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks	19.3%	1	16.00%			-
53	TN	O		341200	Transportation Equip Hvy Duty Trucks	63.6%	1	16.62%			-
54	TN	O		341300	Transportation Equip Autos	17.1%	1	11.38%			-

Tennessee American Water Company
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**STRATEGIC CAPITAL EXPENDITURE PLAN
 PROGRAM**

Business Unit Tennessee
Revision Date June 27, 2014
Description TN BP 2015-2019 SCEP

Line #	Business Unit No.		Project Title	Account	Account Description	Portion to Account	In-Service (Months)	Dep Rate	Prior Year Period 11 Spend	Prior Year Period 12 Spend	2014 SCEP Reforecast	Prior 2014 SCEP
55												
56	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment	100.0%	1	6.89%				-
57												
58	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply			1.98%				132,235
59	TN	Q		304200	Struct & Imp-Pumping			1.98%				-
60	TN	Q		304300	Struct & Imp-Treatment			4.11%				-
61	TN	Q		304400	Struct & Imp-Treatment-T&D			2.13%				-
62	TN	Q		304500	Structures & Improvement - General			1.13%				-
63	TN	Q		304700	Struct & Imp-Store,Shop,Garage			0.73%				-
64	TN	Q		306000	Lake, River & Other Intakes			0.83%				-
65	TN	Q		309000	Supply Mains			1.87%				9,862
66	TN	Q		310000	Power Generation Equip			12.33%				25,066
67	TN	Q		311200	Pump Eqp Electric			2.45%				-
68	TN	Q		311520	Pumping Equipment SOS	21.0%	1	1.83%				115,840
69	TN	Q		320100	WT Equip Non-Media			1.09%				376,215
70	TN	Q		320200	Water Trmt Equip Filter Media	57.6%	1	33.69%				-
71	TN	Q		330000	Dist Reservoirs & Standpipes			2.08%				-
72	TN	Q		331001	Transmission & Distribution Mains			1.25%				-
73	TN	Q		334100	Meters			7.47%				-
74	TN	Q		340200	Computer & Peripheral Equipment	21.3%	1	2.19%				-
75	TN	Q		343000	Tools, Shop, Garage Equipment			6.89%				-
76	TN	Q		344000	Laboratory Equipment			1.01%				-
77	TN	Q		345000	Power Operated Equipment			7.03%				-
78	TN	Q		346190	Remote Control & Instrument			4.21%				-
79	TN	Q		347000	Misc Equipment			6.33%				-
80												
81	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment		1	4.11%				-
82	TN	R		304301	Struct & Imp-Treatment-Dpr Paint			12.06%				-
83	TN	R		320100	WT Equip Non-Media		1	1.09%				2,337,229
84	TN	R		320200	Water Trmt Equip Filter Media			33.69%				-
85	TN	R		330000	Dist Reservoirs & Standpipes		1	2.08%				22,832
86	TN	R		330003	Tank Repainting	100.0%	1	11.08%				0
87	TN	R		330100	Elevated Tanks & Standpipes			2.74%				-
88	TN	R		330200	Ground Level Tanks		1	2.74%				-
89												
90	TN	S	Engineering Studies	331001	Transmission & Distribution Mains	100.0%	1	1.25%				-
91			Total Recurring Projects									
92												
93			ACQUISITIONS									
94												
95			Total Acquisitions									
96												
97			CENTRALLY SPONSORED PROJECTS									
98	TN	T26-Q202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	100.0%	1	10.00%				-
99	TN	T26-Q203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	100.0%	1	10.00%				-
100			Total Centrally Sponsored Projects									

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit Tennessee
Revision Date June 27, 2014
Description TN BP 2015-2019 SCEP

Line #	Business Unit No.	Project Title	Account	Account Description	Portion to Account	In-Service (Months)	Dep Rate	Prior Year Period 11 Spend	Prior Year Period 12 Spend	2014 SCEP Reforecast	Prior 2014 SCEP
101											
102		INVESTMENT PROJECTS									
103	TN	I26-020017		Electrical Motor Efficiency Enhancement (\$2.9)	100.0%	7/17/2018					-
104	TN	I26-020027		Construct 1.0MG Tank & 2500-16" ER (\$1.0)	100.0%	7/31/2019					-
105	TN	I26-020028	304300	Citico Plant Improvements Phase 1B (\$8.6)		6/1/2016	4.11%				-
106	TN	I26-020028	320100	Struct & Imp-Treatment	100.0%	6/1/2016	1.09%				-
107	TN	I26-020032	304200	Wastewater Treatm't & Handling Impr (\$15.3)		11/1/2015	1.98%				-
108	TN	I26-020032	304300	Struct & Imp-Pumping		11/1/2015	4.11%				-
109	TN	I26-020032	304400	Struct & Imp-T&D	100.0%	11/1/2015	2.13%				-
110	TN	I26-020032	304500	Structures & Improvement - General		11/1/2015	1.13%				-
111	TN	I26-020032	320100	WT Equip Non-Media		11/1/2015	1.09%				-
112	TN	I26-020032	330200	Ground Level Tanks		11/1/2015	2.74%				-
113	TN	I26-020032	347000	Misc Equipment		11/1/2015	6.33%				-
114	TN	I26-020034		3000'-24" Tennessee River Crossing (\$0.5)	100.0%	11/30/2017					-
115	TN	I26-020038		Retire Basin 1	100.0%						-
116	TN	I26-020039		Basin 2 Tube Settlers	100.0%						-
117	TN	I26-020040		Chlorine Gas Conversion	100.0%						-
118	TN	I26-020041		Electrical - Breakers and Relays (\$0.6)	100.0%						-
119	TN	I26-020042		Pumping Auxiliary Power (\$1.4)	100.0%						-
120	TN	I26-020043		Energy Reduction and Efficiency (\$0.87)	100.0%						-
121	TN	I26-020044		New Raw Water Intake Citico (\$13)	100.0%						-
122	TN	I26-020045		Renovate Filter Bldg 3 (\$0.75)	100.0%						-
123	TN	I26-020046		New Field Services Facility (\$4.5)	100.0%						-
124	TN	I26-050001		Raw Water Intake Improvements Whitwell (\$2)	100.0%						-
125	TN	I26-050002		Facility Upgrades at Whitwell WTP (\$0.3) 1/3 in 2018	100.0%						-
126	TN	I26-050003		Replace 0.5 MG Storage Tanks at Whitwell (\$0.5)	100.0%						-
127	TN	I26-050004		Replace 0.1 MG Storage Tank at Whitwell (\$0.3) 1/3 in 18	100.0%						-
128	TN	I26-020002		Post Acquisition BD Capex	100.0%						-
129	TN	I26-000001	331001	Whitwell Acquisition Capital Investment	85.0%	12/31/2014	1.25%				-
130	TN	I26-000001	320200	Struct & Imp-Supply	6.0%	12/31/2014	33.69%				-
131	TN	I26-000001	311520	Struct & Imp-Pumping	4.5%	12/31/2014	1.83%				-
132	TN	I26-000001	340200	Struct & Imp-Treatment	4.5%	12/31/2014	2.19%				-
133											
134										\$	6,823,293
135										\$	6,823,293
136		Total DV Excluded:								\$	6,823,293
137										\$	6,823,293
138		Total Surcharge Amt:								\$	6,823,293
139										\$	1,153,147
140		SEC Total:								\$	1,153,147
141										\$	62,504
142		EDI Total:								\$	62,504
143										\$	5,607,642
144		QIIP Total:								\$	5,607,642

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit Tennessee
Revision Date June 27, 2014
Description TN BP 2015-2019 SCEP

					Cumulative Balance of In-Serviced Plant, from 2015 Capex, by Period					
Business Unit No.		Project Title	Account	Account Description	1	2	3	4	5	6
Line #										
1				RECURRING PROJECTS						
2	TN	DV		Projects Funded by Others	331001	Transmission & Distribution Mains	\$ -	\$ -	\$ -	\$ -
3	TN	DV			333000	Services	-	-	-	-
4	TN	DV			335000	Hydrants	-	-	-	-
5										
6	TN	A	Mains - New		331001	Transmission & Distribution Mains	-	101,697	101,364	101,517
7	TN	A			333000	Services	-	3,181	3,171	3,176
8	TN	A			334300	Meter Vaults	-	-	-	-
9	TN	A			335000	Hydrants	-	-	-	11,928
10										11,419
11	TN	B	Mains - Replaced / Restored		331001	Transmission & Distribution Mains	810,407	797,505	796,837	950,401
12	TN	B			333000	Services	23,065	23,885	23,846	32,496
13	TN	B			335000	Hydrants	28,052	27,248	27,233	29,314
14										37,565
15	TN	C	Mains - Unscheduled		331001	Transmission & Distribution Mains	1,059,653	1,082,793	1,188,630	1,274,003
16	TN	C			335000	Hydrants	-	-	-	-
17										1,315,708
18	TN	D	Mains - Relocated		331001	Transmission & Distribution Mains	73,505	73,520	73,520	73,520
19	TN	D			333000	Services	288	288	288	288
20	TN	D			335000	Hydrants	-	-	-	-
21										73,520
22	TN	E	Hydrants, Valves, and Manholes - New		331001	Transmission & Distribution Mains	23,936	23,936	23,936	23,936
23	TN	E			335000	Hydrants	41,634	44,715	46,722	63,708
24										58,851
25	TN	F	Hydrants, Valves, and Manholes - Replaced		331001	Transmission & Distribution Mains	25,924	26,024	26,223	26,218
26	TN	F			335000	Hydrants	216,061	239,006	241,498	301,190
27										26,020
28	TN	G	Services and Laterals - New		333000	Services	-	-	-	-
29										26,023
30	TN	H	Services and Laterals - Replaced		333000	Services	455,896	514,421	574,112	598,284
31	TN	H			334100	Meters	-	-	-	-
32										637,474
33	TN	I	Meters - New		334100	Meters	-	-	-	-
34	TN	I			334200	Meter Installations	-	-	-	-
35										652,431
36	TN	J	Meters - Replaced		334100	Meters	43,095	43,095	43,095	43,095
37	TN	J			334200	Meter Installations	675,227	741,347	842,155	858,073
38										451,527
39	TN	K	ITS Equipment and Systems		340200	Computer & Peripheral Equipment	-	-	-	-
40										939,320
41	TN	L	SCADA Equipment and Systems		320100	WT Equip Non-Media	268,337	268,337	268,337	268,337
42	TN	L			340200	Computer & Peripheral Equipment	17,205	17,205	17,205	(0)
43	TN	L			346100	Comm Equip Non-Telephone	57,328	57,328	60,419	79,146
44	TN	L			346190	Remote Control & Instrument	144,865	144,865	158,167	148,817
45										194,073
46	TN	M	Security Equipment and Systems		304300	Structures & Improvement - Treatment	-	-	-	-
47	TN	M			304400	Struct & Imp-Treatment-T&D	-	-	-	-
48	TN	M			304500	Structures & Improvement - General	6,193	6,193	6,193	6,193
49										6,193
50	TN	N	Offices and Operations Centers		304500	Structures & Improvement - General	-	-	-	-

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date June 27, 2014
Description TN BP 2015-2019 SCEP

						Cumulative Balance of In-Serviced Plant, from 2015 Capex, by Period					
Line #		Business Unit No.	Project Title	Account	Account Description	1	2	3	4	5	6
51											
52	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks	-	-	-	-	-	-
53	TN	O		341200	Transportation Equip Hvy Duty Trucks	-	-	-	-	-	-
54	TN	O		341300	Transportation Equip Autos	-	-	-	-	-	-

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit Tennessee
Revision Date June 27, 2014
Description TN BP 2015-2019 SCEP

						Cumulative Balance of In-Serviced Plant, from 2015 Capex, by Period					
Line #	Business Unit No.		Project Title	Account	Account Description	1	2	3	4	5	6
55											
56	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment	-	-	-	-	-	-
57											
58	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	126,785	122,766	122,766	122,766	149,621	149,621
59	TN	Q		304200	Struct & Imp-Pumping	-	-	-	-	-	-
60	TN	Q		304300	Struct & Imp-Treatment	-	-	-	-	-	-
61	TN	Q		304400	Struct & Imp-Treatment-T&D	-	-	-	-	-	-
62	TN	Q		304500	Structures & Improvement - General	-	-	-	-	-	-
63	TN	Q		304700	Struct & Imp-Store,Shop,Garage	-	-	-	-	-	-
64	TN	Q		306000	Lake, River & Other Intakes	-	-	-	-	-	-
65	TN	Q		309000	Supply Mains	9,862	9,862	9,862	9,862	9,862	9,862
66	TN	Q		310000	Power Generation Equip	25,066	25,066	25,066	25,066	25,066	25,066
67	TN	Q		311200	Pump Eqp Electric	-	-	-	1,029	1,029	6,338
68	TN	Q		311520	Pumping Equipment SOS	115,840	115,840	115,840	243,337	241,008	241,008
69	TN	Q		320100	WT Equip Non-Media	316,082	320,309	321,570	1,074,769	1,109,200	1,108,159
70	TN	Q		320200	Water Trmt Equip Filter Media	-	-	1,247,958	199,657	199,657	199,657
71	TN	Q		330000	Dist Reservoirs & Standpipes	-	-	-	-	-	-
72	TN	Q		331001	Transmission & Distribution Mains	-	-	-	-	-	-
73	TN	Q		334100	Meters	-	-	-	-	-	-
74	TN	Q		340200	Computer & Peripheral Equipment	-	-	-	-	-	-
75	TN	Q		343000	Tools, Shop, Garage Equipment	-	-	-	-	-	-
76	TN	Q		344000	Laboratory Equipment	-	-	-	-	-	-
77	TN	Q		345000	Power Operated Equipment	-	-	-	41,789	42,180	40,898
78	TN	Q		346190	Remote Control & Instrument	-	-	-	-	-	-
79	TN	Q		347000	Misc Equipment	7,780	7,793	7,793	7,793	7,793	7,793
80											
81	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	-	-	-	-	-	-
82	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	-	-	-	-	-	-
83	TN	R		320100	WT Equip Non-Media	2,310,998	2,310,655	2,310,655	2,310,655	2,310,655	2,310,655
84	TN	R		320200	Water Trmt Equip Filter Media	-	-	-	-	-	-
85	TN	R		330000	Dist Reservoirs & Standpipes	22,832	22,832	23,045	23,045	23,045	23,045
86	TN	R		330003	Tank Repainting	(13,000)	(13,000)	(13,000)	46,367	46,367	46,367
87	TN	R		330100	Elevated Tanks & Standpipes	-	-	-	-	-	-
88	TN	R		330200	Ground Level Tanks	-	-	-	-	-	-
89											
90	TN	S	Engineering Studies	331001	Transmission & Distribution Mains	-	-	-	-	-	-
91			Total Recurring Projects								
92											
93			ACQUISITIONS								
94											
95			Total Acquisitions								
96											
97			CENTRALLY SPONSORED PROJECTS								
98	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	-	-	-	-	-	-
99	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	-	-	-	-	-	-
100			Total Centrally Sponsored Projects								

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit Tennessee
Revision Date June 27, 2014
Description TN BP 2015-2019 SCEP

					Cumulative Balance of In-Serviced Plant, from 2015 Capex, by Period					
Line #	Business Unit No.	Project Title	Account	Account Description	1	2	3	4	5	6
101										
102		INVESTMENT PROJECTS								
103	TN	I26-020017		Electrical Motor Efficiency Enhancement (\$2.9)	-	-	-	-	-	-
104	TN	I26-020027		Construct 1.0MG Tank & 2500-16" ER (\$1.0)	-	-	-	-	-	-
105	TN	I26-020028	304300	Citico Plant Improvements Phase 1B (\$8.6)	-	-	-	-	-	-
106	TN	I26-020028	320100	WT Equip Non-Media	-	-	-	-	-	-
107	TN	I26-020032	304200	Wastewater Treatm't & Handling Impr (\$15.3)	-	-	-	-	-	-
108	TN	I26-020032	304300	Struct & Imp-Pumping	-	-	-	-	-	-
109	TN	I26-020032	304400	Struct & Imp-Treatment	-	-	-	-	-	-
110	TN	I26-020032	304500	Struct & Imp-T&D	-	-	-	-	-	-
111	TN	I26-020032	320100	Structures & Improvement - General	-	-	-	-	-	-
112	TN	I26-020032	330200	WT Equip Non-Media	-	-	-	-	-	-
113	TN	I26-020032	347000	Ground Level Tanks	-	-	-	-	-	-
114	TN	I26-020034		Misc Equipment	-	-	-	-	-	-
115	TN	I26-020034		3000'-24" Tennessee River Crossing (\$0.5)	-	-	-	-	-	-
116	TN	I26-020038		Retire Basin 1	-	-	-	-	-	-
117	TN	I26-020039		Basin 2 Tube Settlers	-	-	-	-	-	-
118	TN	I26-020040		Chlorine Gas Conversion	-	-	-	-	-	-
119	TN	I26-020041		Electrical - Breakers and Relays (\$0.6)	-	-	-	-	-	-
120	TN	I26-020042		Pumping Auxiliary Power (\$1.4)	-	-	-	-	-	-
121	TN	I26-020043		Energy Reduction and Efficiency (\$0.87)	-	-	-	-	-	-
122	TN	I26-020044		New Raw Water Intake Citico (\$13)	-	-	-	-	-	-
123	TN	I26-020045		Renovate Filter Bldg 3 (\$0.75)	-	-	-	-	-	-
124	TN	I26-020046		New Field Services Facility (\$4.5)	-	-	-	-	-	-
125	TN	I26-050001		Raw Water Intake Improvements Whitwell (\$2)	-	-	-	-	-	-
126	TN	I26-050002		Facility Upgrades at Whitwell WTP (\$0.3) 1/3 in 2018	-	-	-	-	-	-
127	TN	I26-050003		Replace 0.5 MG Storage Tanks at Whitwell (\$0.5)	-	-	-	-	-	-
128	TN	I26-050004		Replace 0.1 MG Storage Tank at Whitwell (\$0.3) 1/3 in 18	-	-	-	-	-	-
129	TN	I26-020002		Post Acquisition BD Capex	-	-	-	-	-	-
130	TN	I26-000001	331001	Whitwell Acquisition Capital Investment	-	-	-	-	-	-
131	TN	I26-000001	320200	Transmission & Distribution Mains	-	-	-	-	-	-
132	TN	I26-000001	311520	Struct & Imp-Supply	-	-	-	-	-	-
133	TN	I26-000001	340200	Struct & Imp-Pumping	-	-	-	-	-	-
134				Struct & Imp-Treatment	-	-	-	-	-	-
135										
136				Total DV Excluded:						
137										
138				Total Surcharge Amt:						
139										
140				SEC Total:						
141										
142				EDI Total:						
143										
144				QIIP Total:						

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit Tennessee
Revision Date June 27, 2014
Description TN BP 2015-2019 SCEP

					Cumulative Balance of In-Serviced Plant, from 2015 Capex, by Period						
Line #	Business Unit No.		Project Title	Account	Account Description	7	8	9	10	11	12
1			RECURRING PROJECTS								
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3	TN	DV		333000	Services	-	-	-	-	-	-
4	TN	DV		335000	Hydrants	-	-	-	-	-	-
5											
6	TN	A	Mains - New	331001	Transmission & Distribution Mains	391,907	389,013	389,013	389,013	389,013	456,264
7	TN	A		333000	Services	3,176	3,176	3,176	3,176	3,176	3,176
8	TN	A		334300	Meter Vaults	-	-	-	-	-	-
9	TN	A		335000	Hydrants	11,446	11,329	11,329	11,329	11,329	11,329
10											
11	TN	B	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	1,093,488	1,260,830	1,260,639	1,259,689	1,455,342	1,796,068
12	TN	B		333000	Services	115,126	135,936	135,911	135,754	161,165	171,623
13	TN	B		335000	Hydrants	34,932	36,551	36,562	36,562	39,254	25,909
14											
15	TN	C	Mains - Unscheduled	331001	Transmission & Distribution Mains	1,436,238	1,504,159	1,585,670	1,666,724	1,770,653	1,880,706
16	TN	C		335000	Hydrants	-	-	-	-	-	-
17											
18	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains	73,520	460,633	462,598	463,152	462,136	1,415,151
19	TN	D		333000	Services	288	1,783	1,783	1,784	1,784	1,328
20	TN	D		335000	Hydrants	-	-	-	-	-	7,286
21											
22	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	23,936	23,936	23,936	23,936	23,964	108,049
23	TN	E		335000	Hydrants	72,410	83,542	82,119	83,033	101,381	30,189
24											
25	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	26,023	26,023	26,023	26,023	26,023	121,273
26	TN	F		335000	Hydrants	337,300	372,410	417,597	432,059	466,094	410,751
27											
28	TN	G	Services and Laterals - New	333000	Services	-	-	-	-	-	-
29											
30	TN	H	Services and Laterals - Replaced	333000	Services	683,098	734,085	758,700	792,672	845,703	871,492
31	TN	H		334100	Meters	-	-	-	-	-	-
32											
33	TN	I	Meters - New	334100	Meters	-	-	-	-	-	-
34	TN	I		334200	Meter Installations	-	-	-	-	-	-
35											
36	TN	J	Meters - Replaced	334100	Meters	451,527	451,527	451,527	512,529	559,538	278,825
37	TN	J		334200	Meter Installations	1,051,715	1,135,189	1,173,957	1,200,900	1,218,257	1,492,760
38											
39	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment	-	-	-	-	-	-
40											
41	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media	268,337	268,337	268,337	268,337	268,337	268,337
42	TN	L		340200	Computer & Peripheral Equipment	(0)	(0)	(0)	(0)	(0)	(0)
43	TN	L		346100	Comm Equip Non-Telephone	41,119	41,119	41,119	41,119	41,119	41,119
44	TN	L		346190	Remote Control & Instrument	186,806	186,806	186,806	217,236	218,635	436,754
45											
46	TN	M	Security Equipment and Systems	304300	Structures & Improvement - Treatment	-	-	-	-	-	131,615
47	TN	M		304400	Struct & Imp-Treatment-T&D	-	-	-	-	-	-
48	TN	M		304500	Structures & Improvement - General	6,193	6,193	6,193	6,193	6,193	6,193
49											
50	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General	-	-	-	-	-	-

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date June 27, 2014
Description TN BP 2015-2019 SCEP

						Cumulative Balance of In-Serviced Plant, from 2015 Capex, by Period					
Line #	Business Unit No.		Project Title	Account	Account Description	7	8	9	10	11	12
51											
52	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks	-	-	-	-	-	-
53	TN	O		341200	Transportation Equip Hvy Duty Trucks	-	-	-	-	-	-
54	TN	O		341300	Transportation Equip Autos	-	-	-	-	-	-

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit Tennessee
Revision Date June 27, 2014
Description TN BP 2015-2019 SCEP

						Cumulative Balance of In-Serviced Plant, from 2015 Capex, by Period					
Line #	Business Unit No.		Project Title	Account	Account Description	7	8	9	10	11	12
55											
56	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment	-	-	-	-	-	-
57											
58	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	149,621	149,621	149,621	149,621	122,766	122,766
59	TN	Q		304200	Struct & Imp-Pumping	-	-	-	-	-	-
60	TN	Q		304300	Struct & Imp-Treatment	-	-	-	7,056	7,125	7,125
61	TN	Q		304400	Struct & Imp-Treatment-T&D	-	-	-	-	-	25,654
62	TN	Q		304500	Structures & Improvement - General	-	-	57,134	57,134	57,134	27,713
63	TN	Q		304700	Struct & Imp-Store,Shop,Garage	-	-	-	-	-	-
64	TN	Q		306000	Lake, River & Other Intakes	-	-	-	-	-	-
65	TN	Q		309000	Supply Mains	9,862	9,862	9,862	9,862	9,862	9,862
66	TN	Q		310000	Power Generation Equip	25,066	25,066	25,066	25,066	25,066	25,066
67	TN	Q		311200	Pump Eqp Electric	6,338	6,338	6,338	10,549	10,549	18,849
68	TN	Q		311520	Pumping Equipment SOS	257,653	257,698	271,000	312,891	312,903	465,043
69	TN	Q		320100	WT Equip Non-Media	1,458,473	1,833,354	1,818,300	1,823,434	1,823,434	1,806,356
70	TN	Q		320200	Water Trmt Equip Filter Media	415,860	655,303	645,276	645,276	645,276	693,894
71	TN	Q		330000	Dist Reservoirs & Standpipes	-	-	-	-	-	-
72	TN	Q		331001	Transmission & Distribution Mains	-	-	-	-	-	-
73	TN	Q		334100	Meters	-	-	-	-	-	-
74	TN	Q		340200	Computer & Peripheral Equipment	-	-	-	-	-	-
75	TN	Q		343000	Tools, Shop, Garage Equipment	-	-	-	-	-	-
76	TN	Q		344000	Laboratory Equipment	-	-	-	-	-	-
77	TN	Q		345000	Power Operated Equipment	41,420	41,485	41,485	41,485	41,485	41,485
78	TN	Q		346190	Remote Control & Instrument	-	-	-	-	-	3,502
79	TN	Q		347000	Misc Equipment	7,793	7,793	7,793	7,793	7,793	7,793
80											
81	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	-	-	-	-	-	(778)
82	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	-	-	-	-	-	-
83	TN	R		320100	WT Equip Non-Media	2,310,655	2,310,655	2,310,655	2,310,655	2,310,655	2,310,463
84	TN	R		320200	Water Trmt Equip Filter Media	-	-	-	-	-	-
85	TN	R		330000	Dist Reservoirs & Standpipes	23,045	23,045	23,045	23,045	23,045	567,580
86	TN	R		330003	Tank Repainting	46,367	46,367	46,367	46,367	46,367	46,367
87	TN	R		330100	Elevated Tanks & Standpipes	-	-	-	-	-	-
88	TN	R		330200	Ground Level Tanks	-	-	-	-	-	-
89											
90	TN	S	Engineering Studies	331001	Transmission & Distribution Mains	-	-	-	-	-	-
91			Total Recurring Projects								
92											
93			ACQUISITIONS								
94											
95			Total Acquisitions								
96											
97			CENTRALLY SPONSORED PROJECTS								
98	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	-	-	-	-	-	-
99	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	-	-	-	-	-	-
100			Total Centrally Sponsored Projects								

Tennessee American Water Company
 Qualified Infrastructure Improvement Program
 Economic Development Rider
 Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
 PROGRAM**

Business Unit Tennessee
Revision Date June 27, 2014
Description TN BP 2015-2019 SCEP

					Cumulative Balance of In-Serviced Plant, from 2015 Capex, by Period					
Line #	Business Unit No.	Project Title	Account	Account Description	7	8	9	10	11	12
101										
102		INVESTMENT PROJECTS								
103	TN	I26-020017	Electrical Motor Efficiency Enhancement (\$2.9)		-	-	-	-	-	-
104	TN	I26-020027	Construct 1.0MG Tank & 2500-16" ER (\$1.0)		-	-	-	-	-	-
105	TN	I26-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment	-	-	-	-	-
106	TN	I26-020028		320100	WT Equip Non-Media	-	-	-	-	-
107	TN	I26-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping	-	-	-	-	-
108	TN	I26-020032		304300	Struct & Imp-Treatment	-	-	-	-	-
109	TN	I26-020032		304400	Struct & Imp-T&D	-	-	-	-	-
110	TN	I26-020032		304500	Structures & Improvement - General	-	-	-	8,731,499	9,374,098
111	TN	I26-020032		320100	WT Equip Non-Media	-	-	-	5,219,728	5,603,877
112	TN	I26-020032		330200	Ground Level Tanks	-	-	-	43,570	46,777
113	TN	I26-020032		347000	Misc Equipment	-	-	-	17,428	18,711
114	TN	I26-020034	3000'-24" Tennessee River Crossing (\$0.5)		-	-	-	-	-	-
115	TN	I26-020038	Retire Basin 1		-	-	-	-	-	-
116	TN	I26-020039	Basin 2 Tube Settlers		-	-	-	-	-	-
117	TN	I26-020040	Chlorine Gas Conversion		-	-	-	-	-	-
118	TN	I26-020041	Electrical - Breakers and Relays (\$0.6)							
119	TN	I26-020042	Pumping Auxiliary Power (\$1.4)							
120	TN	I26-020043	Energy Reduction and Efficiency (\$0.87)							
121	TN	I26-020044	New Raw Water Intake Citico (\$13)							
122	TN	I26-020045	Renovate Filter Bldg 3 (\$0.75)							
123	TN	I26-020046	New Field Services Facility (\$4.5)							
124	TN	I26-050001	Raw Water Intake Improvements Whitwell (\$2)							
125	TN	I26-050002	Facility Upgrades at Whitwell WTP (\$0.3) 1/3 in 2018							
126	TN	I26-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$0.5)							
127	TN	I26-050004	Replace 0.1 MG Storage Tank at Whitwell (\$0.3) 1/3 in 18							
128	TN	I26-020002	Post Acquisition BD Capex		-	-	-	-	-	-
129	TN	I26-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains	-	-	-	-	-
130	TN	I26-000001		320200	Struct & Imp-Supply	-	-	-	-	-
131	TN	I26-000001		311520	Struct & Imp-Pumping	-	-	-	-	-
132	TN	I26-000001		340200	Struct & Imp-Treatment	-	-	-	-	-
133										
134										\$ 31,188,399
135										\$ 31,188,399
136		Total DV Excluded:								\$ 31,188,399
137										
138		Total Surcharge Amt:								\$ 31,188,399
139										
140		SEC Total:								\$ 19,182,588
141										
142		EDI Total:								\$ 609,007
143										
144		QIIP Total:								\$ 11,396,805

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date June 27, 2014
Description TN BP 2015-2019 SCEP

2015

Line #	Business Unit No.	Project Title	Account	Account Description	Surcharge	Average Plant in Service	Average Retires (Replacement Projects Only)	Average CIAC	Depreciation Expense	Cost of Removal Less Salvage
1		RECURRING PROJECTS								
2	TN	DV		Projects Funded by Others						
3	TN	DV	331001	Transmission & Distribution Mains		\$ -	\$ -	\$ -	\$ -	\$ -
4	TN	DV	333000	Services		-	-	-	-	-
5			335000	Hydrants		-	-	-	-	-
6	TN	A	331001	Transmission & Distribution Mains	EDI	264,352	-	-	3,304	-
7	TN	A	333000	Services	EDI	2,687	-	-	30	-
8	TN	A	334300	Meter Vaults	EDI	0	0	-	0	0
9	TN	A	335000	Hydrants	EDI	7,034	-	-	162	-
10										
11	TN	B	331001	Transmission & Distribution Mains	QIIP	1,090,288	(48,098)	-	13,027	6,301
12	TN	B	333000	Services	QIIP	81,303	-	-	902	13,971
13	TN	B	335000	Hydrants	QIIP	31,378	-	-	722	-
14										
15	TN	C	331001	Transmission & Distribution Mains	QIIP	1,393,209	(9,498)	-	17,296	29,710
16	TN	C	335000	Hydrants	QIIP	0	0	-	0	0
17										
18	TN	D	331001	Transmission & Distribution Mains	QIIP	295,960	(45,644)	-	3,129	12,522
19	TN	D	333000	Services	QIIP	828	-	-	9	7,738
20	TN	D	335000	Hydrants	QIIP	560	(59,094)	-	(1,346)	-
21										
22	TN	E	331001	Transmission & Distribution Mains	EDI	30,408	-	-	380	-
23	TN	E	335000	Hydrants	EDI	62,427	(611)	-	1,422	574
24										
25	TN	F	331001	Transmission & Distribution Mains	QIIP	33,023	(2,447)	-	382	5,513
26	TN	F	335000	Hydrants	QIIP	329,120	-	-	7,570	0
27										
28	TN	G	333000	Services		-	-	-	-	-
29										
30	TN	H	333000	Services	QIIP	658,529	-	-	7,310	15,133
31	TN	H	334100	Meters	QIIP	0	0	-	0	0
32										
33	TN	I	334100	Meters		-	-	-	-	-
34	TN	I	334200	Meter Installations		-	-	-	-	-
35										
36	TN	J	334100	Meters	QIIP	294,154	-	-	21,973	-
37	TN	J	334200	Meter Installations	QIIP	994,260	(1,923)	-	27,091	52,017
38										
39	TN	K	340200	Computer & Peripheral Equipment		-	-	-	-	-
40										
41	TN	L	320100	WT Equip Non-Media	SEC	268,337	(12,365)	-	2,790	5,933
42	TN	L	340200	Computer & Peripheral Equipment	SEC	5,294	-	-	116	-
43	TN	L	346100	Comm Equip Non-Telephone	SEC	49,922	-	-	2,102	-
44	TN	L	346190	Remote Control & Instrument	SEC	196,596	(3,559)	-	8,127	231
45										
46	TN	M	304300	Structures & Improvement - Treatment	SEC	10,124	-	-	416	-
47	TN	M	304400	Struct & Imp-Treatment-T&D	SEC	0	0	-	0	0
48	TN	M	304500	Structures & Improvement - General	SEC	6,193	-	-	70	-
49										
50	TN	N	304500	Structures & Improvement - General		-	-	-	-	-

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date June 27, 2014
Description TN BP 2015-2019 SCEP

Description		TN BP 2015-2019 SCEP				2015						
Line #	Business Unit No.			Project Title	Account	Account Description	Surcharge	Average Plant in Service	Average Retires (Replacement Projects Only)	Average CIAC	Depreciation Expense	Cost of Removal Less Salvage
51												
52	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks		-	-	-	-	-	-
53	TN	O		341200	Transportation Equip Hvy Duty Trucks		-	-	-	-	-	-
54	TN	O		341300	Transportation Equip Autos		-	-	-	-	-	-

Tennessee American Water Company
 Qualified Infrastructure Improvement Program
 Economic Development Rider
 Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
 PROGRAM**

Business Unit Tennessee
Revision Date June 27, 2014
Description TN BP 2015-2019 SCEP

2015

Line #	Business Unit No.		Project Title	Account	Account Description	Surcharge	Average Plant in Service	Average Retires (Replacement Projects Only)	Average CIAC	Depreciation Expense	Cost of Removal Less Salvage
55											
56	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment		-	-	-	-	-
57											
58	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	SEC	136,198	-	-	2,697	117
59	TN	Q		304200	Struct & Imp-Pumping	SEC	-	(4,820)	-	(95)	8,035
60	TN	Q		304300	Struct & Imp-Treatment	SEC	1,639	(5,316)	-	(151)	201
61	TN	Q		304400	Struct & Imp-Treatment-T&D	SEC	1,973	-	-	42	-
62	TN	Q		304500	Structures & Improvement - General	SEC	15,316	-	-	173	21
63	TN	Q		304700	Struct & Imp-Store,Shop,Garage	SEC	-	(4,973)	-	(36)	1
64	TN	Q		306000	Lake, River & Other Intakes	SEC	0	0	-	0	0
65	TN	Q		309000	Supply Mains	SEC	9,862	-	-	184	-
66	TN	Q		310000	Power Generation Equip	SEC	25,066	-	-	3,091	115
67	TN	Q		311200	Pump Eq Electric	SEC	5,181	(10,848)	-	(139)	687
68	TN	Q		311520	Pumping Equipment SOS	SEC	235,839	(33,609)	-	3,701	858
69	TN	Q		320100	WT Equip Non-Media	SEC	1,168,435	(63,358)	-	12,045	17,444
70	TN	Q		320200	Water Trmt Equip Filter Media	SEC	426,755	(120,369)	-	103,221	113,100
71	TN	Q		330000	Dist Reservoirs & Standpipes	SEC	-	(0)	-	(0)	-
72	TN	Q		331001	Transmission & Distribution Mains	SEC	-	-	-	-	-
73	TN	Q		334100	Meters	SEC	-	-	-	-	-
74	TN	Q		340200	Computer & Peripheral Equipment	SEC	-	(0)	-	(0)	57
75	TN	Q		343000	Tools, Shop, Garage Equipment	SEC	-	-	-	-	-
76	TN	Q		344000	Laboratory Equipment	SEC	-	(147,310)	-	(1,488)	12
77	TN	Q		345000	Power Operated Equipment	SEC	28,747	-	-	2,021	-
78	TN	Q		346190	Remote Control & Instrument	SEC	269	-	-	11	-
79	TN	Q		347000	Misc Equipment	SEC	7,193	-	-	455	581
80											
81	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	QIIP	(60)	(87,600)	-	(3,603)	-
82	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	QIIP	0	0	-	0	0
83	TN	R		320100	WT Equip Non-Media	QIIP	2,312,711	-	-	25,209	-
84	TN	R		320200	Water Trmt Equip Filter Media	QIIP	0	0	-	0	0
85	TN	R		330000	Dist Reservoirs & Standpipes	QIIP	64,883	-	-	1,350	0
86	TN	R		330003	Tank Repainting	QIIP	29,100	-	-	3,224	-
87	TN	R		330100	Elevated Tanks & Standpipes	QIIP	0	0	-	0	0
88	TN	R		330200	Ground Level Tanks	QIIP	-	(446)	-	(12)	977
89											
90	TN	S	Engineering Studies	331001	Transmission & Distribution Mains		-	-	-	-	-
91			Total Recurring Projects								
92											
93			ACQUISITIONS								
94											
95			Total Acquisitions								
96											
97			CENTRALLY SPONSORED PROJECTS								
98	TN	T26-Q202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		-	-		-	-
99	TN	T26-Q203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		-	-		-	-
100			Total Centrally Sponsored Projects								

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date June 27, 2014
Description TN BP 2015-2019 SCEP

2015

Line #	Business Unit No.	Project Title	Account	Account Description	Surcharge	Average Plant in Service	Average Retires (Replacement Projects Only)	Average CIAC	Depreciation Expense	Cost of Removal Less Salvage
101										
102				INVESTMENT PROJECTS						
103	TN	I26-020017		Electrical Motor Efficiency Enhancement (\$2.9)		-			-	
104	TN	I26-020027		Construct 1.0MG Tank & 2500-16" ER (\$1.0)		-			-	
105	TN	I26-020028	304300	Citico Plant Improvements Phase 1B (\$8.6)	QIIP	-			-	
106	TN	I26-020028	320100	WT Equip Non-Media	QIIP	0	0	-	0	0
107	TN	I26-020032	304200	Wastewater Treatm't & Handling Impr (\$15.3)	SEC	-	-	-	-	-
108	TN	I26-020032	304300	Struct & Imp-Treatment	SEC					
109	TN	I26-020032	304400	Struct & Imp-T&D	SEC					
110	TN	I26-020032	304500	Structures & Improvement - General	SEC	1,392,738	-	-	15,738	-
111	TN	I26-020032	320100	WT Equip Non-Media	SEC	832,585	(47)	-	9,075	-
112	TN	I26-020032	330200	Ground Level Tanks	SEC	6,950	-	-	190	-
113	TN	I26-020032	347000	Misc Equipment	SEC	2,780	-	-	176	-
114	TN	I26-020034		3000'-24" Tennessee River Crossing (\$0.5)	EDI	-			-	
115	TN	I26-020038		Retire Basin 1	SEC	-				
116	TN	I26-020039		Basin 2 Tube Settlers	SEC	-				
117	TN	I26-020040		Chlorine Gas Conversion	SEC	-			-	
118	TN	I26-020041		Electrical - Breakers and Relays (\$0.6)						
119	TN	I26-020042		Pumping Auxiliary Power (\$1.4)						
120	TN	I26-020043		Energy Reduction and Efficiency (\$0.87)						
121	TN	I26-020044		New Raw Water Intake Citico (\$13)						
122	TN	I26-020045		Renovate Filter Bldg 3 (\$0.75)						
123	TN	I26-020046		New Field Services Facility (\$4.5)						
124	TN	I26-050001		Raw Water Intake Improvements Whitwell (\$2)						
125	TN	I26-050002		Facility Upgrades at Whitwell WTP (\$0.3) 1/3 in 2018						
126	TN	I26-050003		Replace 0.5 MG Storage Tanks at Whitwell (\$5)						
127	TN	I26-050004		Replace 0.1 MG Storage Tank at Whitwell (\$0.3) 1/3 in 18						
128	TN	I26-020002		Post Acquisition BD Capex		-			-	
129	TN	I26-000001	331001	Whitwell Acquisition Capital Investment	QIIP	-	- 0	-	-	
130	TN	I26-000001	320200	Struct & Imp-Supply	QIIP	-			-	
131	TN	I26-000001	311520	Struct & Imp-Pumping	QIIP	-			-	
132	TN	I26-000001	340200	Struct & Imp-Treatment	QIIP	-			-	
133										
134					Total DV Included:	\$ 12,810,147	\$ (661,935)	\$ -	\$ 294,063	\$ 291,849
135										
136				Total DV Excluded:		\$ 12,810,147	\$ (661,935)	\$ -	\$ 294,063	\$ 291,849
137										
138				Total Surcharge Amt:		\$ 12,810,147	\$ (661,935)	\$ -	\$ 294,063	\$ 291,849
139										
140				SEC Total:		\$ 4,833,992	\$ (406,575)	\$ -	\$ 164,532	\$ 147,392
141										
142				EDI Total:		\$ 366,908	\$ (611)	\$ -	\$ 5,298	\$ 574
143										
144				QIIP Total:		\$ 7,609,247	\$ (254,750)	\$ -	\$ 124,233	\$ 143,882

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit Tennessee
Revision Date June 27, 2014
Description TN BP 2015-2019 SCEP

Line #	Business Unit No.	Project Title	Account	Account Description	Tax Depr class life	Y1 Tax Depr Rate	Y2 Tax Depr Rate	Tax Depreciation	Tax over Book Depreciation	Tax Rate	Depreciation Deferred Tax (DTA, (DTL))
1		RECURRING PROJECTS									
2	TN	DV	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	\$ -	-	0.39225	-
3	TN	DV	333000	Services	25 yr	0.02	0.04	-	-	0.39225	-
4	TN	DV	335000	Hydrants	25 yr	0.02	0.04	-	-	0.39225	-
5											
6	TN	A	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	9,125	5,821	0.39225	(2,283)
7	TN	A	333000	Services	25 yr	0.02	0.04	64	34	0.39225	(13)
8	TN	A	334300	Meter Vaults	25 yr	0.02	0.04	0	0	0.39225	0
9	TN	A	335000	Hydrants	25 yr	0.02	0.04	227	65	0.39225	(25)
10											
11	TN	B	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	52,021	38,994	0.39225	(15,295)
12	TN	B	333000	Services	25 yr	0.02	0.04	3,876	2,973	0.39225	(1,166)
13	TN	B	335000	Hydrants	25 yr	0.02	0.04	1,064	342	0.39225	(134)
14											
15	TN	C	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	57,196	39,900	0.39225	(15,651)
16	TN	C	335000	Hydrants	25 yr	0.02	0.04	0	0	0.39225	0
17											
18	TN	D	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	29,687	26,558	0.39225	(10,417)
19	TN	D	333000	Services	25 yr	0.02	0.04	32	23	0.39225	(9)
20	TN	D	335000	Hydrants	25 yr	0.02	0.04	146	1,492	0.39225	(585)
21											
22	TN	E	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	2,640	2,260	0.39225	(886)
23	TN	E	335000	Hydrants	25 yr	0.02	0.04	1,375	(47)	0.39225	18
24											
25	TN	F	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	2,855	2,473	0.39225	(970)
26	TN	F	335000	Hydrants	25 yr	0.02	0.04	12,597	5,027	0.39225	(1,972)
27											
28	TN	G	333000	Services	25 yr	0.02	0.04	-	-	0.39225	-
29											
30	TN	H	333000	Services	25 yr	0.02	0.04	26,280	18,970	0.39225	(7,441)
31	TN	H	334100	Meters	25 yr	0.02	0.04	0	0	0.39225	0
32											
33	TN	I	334100	Meters	25 yr	0.02	0.04	-	-	0.39225	-
34	TN	I	334200	Meter Installations	25 yr	0.02	0.04	-	-	0.39225	-
35											
36	TN	J	334100	Meters	25 yr	0.02	0.04	6,438	(15,535)	0.39225	6,094
37	TN	J	334200	Meter Installations	25 yr	0.02	0.04	42,223	15,132	0.39225	(5,936)
38											
39	TN	K	340200	Computer & Peripheral Equipment	5 yr	0.2	0.32	-	-	0.39225	-
40											
41	TN	L	320100	WT Equip Non-Media	25 yr	0.02	0.04	10,733	7,943	0.39225	(3,116)
42	TN	L	340200	Computer & Peripheral Equipment	5 yr	0.2	0.32	2,065	1,949	0.39225	(764)
43	TN	L	346100	Comm Equip Non-Telephone	5 yr	0.2	0.32	15,103	13,001	0.39225	(5,100)
44	TN	L	346190	Remote Control & Instrument	5 yr	0.2	0.32	104,735	96,608	0.39225	(37,894)
45											
46	TN	M	304300	Structures & Improvement - Treatment	39 yr	0.01282	0.02564	1,687	1,271	0.39225	(499)
47	TN	M	304400	Struct & Imp-Treatment-T&D	39 yr	0.01282	0.02564	0	0	0.39225	0
48	TN	M	304500	Structures & Improvement - General	39 yr	0.01282	0.02564	159	89	0.39225	(35)
49											
50	TN	N	304500	Structures & Improvement - General	39 yr	0.01282	0.02564	-	-	0.39225	-

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date June 27, 2014
Description TN BP 2015-2019 SCEP

Business Unit				Project Title	Account	Account Description	Tax Depr class life	Y1 Tax Depr Rate	Y2 Tax Depr Rate	Tax Depreciation	Tax over Book Depreciation	Tax Rate	Depreciation Deferred Tax (DTA, DTL))
Line #	No.												
51													
52	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks	5 yr	0.2	0.32	-	-	0.39225	-	
53	TN	O		341200	Transportation Equip Hvy Duty Trucks	5 yr	0.2	0.32	-	-	0.39225	-	
54	TN	O		341300	Transportation Equip Autos	5 yr	0.2	0.32	-	-	0.39225	-	

Tennessee American Water Company
 Qualified Infrastructure Improvement Program
 Economic Development Rider
 Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
 PROGRAM**

Business Unit Tennessee
Revision Date June 27, 2014
Description TN BP 2015-2019 SCEP

Line #	Business Unit No.	Project Title	Account	Account Description	Tax Depr class life	Y1 Tax Depr Rate	Y2 Tax Depr Rate	Tax Depreciation	Tax over Book Depreciation	Tax Rate	Depreciation Deferred Tax (DTA, (DTL))
55											
56	TN	P	Tools and Equipment	343000 Tools, Shop, Garage Equipment	25 yr	0.02	0.04	-	-	0.39225	-
57											
58	TN	Q	Process Plant Facilities and Equipment	304100 Struct & Imp-Supply	39 yr	0.01282	0.02564	3,269	572	0.39225	(225)
59	TN	Q		304200 Struct & Imp-Pumping	39 yr	0.01282	0.02564	-	95	0.39225	(37)
60	TN	Q		304300 Struct & Imp-Treatment	39 yr	0.01282	0.02564	91	242	0.39225	(95)
61	TN	Q		304400 Struct & Imp-Treatment-T&D	39 yr	0.01282	0.02564	329	287	0.39225	(113)
62	TN	Q		304500 Structures & Improvement - General	39 yr	0.01282	0.02564	355	182	0.39225	(71)
63	TN	Q		304700 Struct & Imp-Store,Shop,Garage	39 yr	0.01282	0.02564	-	36	0.39225	(14)
64	TN	Q		306000 Lake, River & Other Intakes	25 yr	0.02	0.04	0	0	0.39225	0
65	TN	Q		309000 Supply Mains	25 yr	0.02	0.04	394	210	0.39225	(82)
66	TN	Q		310000 Power Generation Equip	25 yr	0.02	0.04	1,003	(2,088)	0.39225	819
67	TN	Q		311200 Pump Eqp Electric	25 yr	0.02	0.04	377	516	0.39225	(202)
68	TN	Q		311520 Pumping Equipment SOS	25 yr	0.02	0.04	11,618	7,917	0.39225	(3,105)
69	TN	Q		320100 WT Equip Non-Media	25 yr	0.02	0.04	43,651	31,606	0.39225	(12,397)
70	TN	Q		320200 Water Trmt Equip Filter Media	25 yr	0.02	0.04	13,878	(89,344)	0.39225	35,045
71	TN	Q		330000 Dist Reservoirs & Standpipes	25 yr	0.02	0.04	-	0	0.39225	(0)
72	TN	Q		331001 Transmission & Distribution Mains	25 yr	0.02	0.04	-	-	0.39225	-
73	TN	Q		334100 Meters	25 yr	0.02	0.04	-	-	0.39225	-
74	TN	Q		340200 Computer & Peripheral Equipment	5 yr	0.2	0.32	-	0	0.39225	(0)
75	TN	Q		343000 Tools, Shop, Garage Equipment	25 yr	0.02	0.04	-	-	0.39225	-
76	TN	Q		344000 Laboratory Equipment	25 yr	0.02	0.04	-	1,488	0.39225	(584)
77	TN	Q		345000 Power Operated Equipment	25 yr	0.02	0.04	830	(1,191)	0.39225	467
78	TN	Q		346190 Remote Control & Instrument	5 yr	0.2	0.32	700	689	0.39225	(270)
79	TN	Q		347000 Misc Equipment	25 yr	0.02	0.04	156	(299)	0.39225	117
80											
81	TN	R	Capitalized Tank Rehabilitation/Painting	304300 Struct & Imp-Treatment	39 yr	0.01282	0.02564	(10)	3,593	0.39225	(1,409)
82	TN	R		304301 Struct & Imp-Treatment-Dpr Paint	39 yr	0.01282	0.02564	0	0	0.39225	0
83	TN	R		320100 WT Equip Non-Media	25 yr	0.02	0.04	92,954	67,745	0.39225	(26,573)
84	TN	R		320200 Water Trmt Equip Filter Media	25 yr	0.02	0.04	0	0	0.39225	0
85	TN	R		330000 Dist Reservoirs & Standpipes	25 yr	0.02	0.04	11,808	10,459	0.39225	(4,102)
86	TN	R		330003 Tank Repainting	25 yr	0.02	0.04	927	(2,297)	0.39225	901
87	TN	R		330100 Elevated Tanks & Standpipes	25 yr	0.02	0.04	0	0	0.39225	0
88	TN	R		330200 Ground Level Tanks	25 yr	0.02	0.04	-	12	0.39225	(5)
89											
90	TN	S	Engineering Studies	331001 Transmission & Distribution Mains	25 yr	0.02	0.04	-	-	0.39225	-
91			Total Recurring Projects								
92											
93			ACQUISITIONS								
94											
95			Total Acquisitions								
96											
97			CENTRALLY SPONSORED PROJECTS								
98	TN	T26-0202	Business Transformation 2010 - 2014	340315 Computer Software Special Deprec Rate	3 yr	0.3333	0.3333	-	-	0.39225	-
99	TN	T26-0203	Business Transformation 2010 - 2014	340315 Computer Software Special Deprec Rate							
100			Total Centrally Sponsored Projects								

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit Tennessee
Revision Date June 27, 2014
Description TN BP 2015-2019 SCEP

Line #	Business Unit No.		Project Title	Account	Account Description	NOTES	Average Accum Depreciation	Average Depreciation Deferred Tax (DTA, DTL)	Actual Retirements	Actual COR Less Salvage
1			RECURRING PROJECTS							
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains	This should be zero if related to non-taxable CIAC	\$0	\$0	\$0	\$0
3	TN	DV		333000	Services	This should be zero if related to non-taxable CIAC	0	0	0	0
4	TN	DV		335000	Hydrants	This should be zero if related to non-taxable CIAC	0	0	0	0
5										
6	TN	A	Mains - New	331001	Transmission & Distribution Mains		(1,652)	(1,142)	0	0
7	TN	A		333000	Services		(15)	(7)	0	0
8	TN	A		334300	Meter Vaults		0	0	0	0
9	TN	A		335000	Hydrants		(81)	(13)	0	0
10										
11	TN	B	Mains - Replaced / Restored	331001	Transmission & Distribution Mains		(9,267)	(8,296)	(53,489)	7,785
12	TN	B		333000	Services		(454)	(584)	0	42,361
13	TN	B		335000	Hydrants		(363)	(67)	0	0
14										
15	TN	C	Mains - Unscheduled	331001	Transmission & Distribution Mains		(14,285)	(9,152)	(73,781)	210,310
16	TN	C		335000	Hydrants		0	0	0	0
17										
18	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains		(2,032)	(5,319)	(91,710)	71,401
19	TN	D		333000	Services		(5)	(5)	0	48,961
20	TN	D		335000	Hydrants		673	(293)	(64,148)	0
21										
22	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains		(336)	(477)	0	0
23	TN	E		335000	Hydrants		(1,180)	33	(882)	933
24										
25	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains		(209)	(489)	(2,902)	39,220
26	TN	F		335000	Hydrants		(5,938)	(876)	0	0
27										
28	TN	G	Services and Laterals - New	333000	Services		0	0	0	0
29										
30	TN	H	Services and Laterals - Replaced	333000	Services		(5,855)	(4,413)	0	196,727
31	TN	H		334100	Meters		0	0	0	0
32										
33	TN	I	Meters - New	334100	Meters		0	0	0	0
34	TN	I		334200	Meter Installations		0	0	0	0
35										
36	TN	J	Meters - Replaced	334100	Meters		(13,315)	3,715	0	0
37	TN	J		334200	Meter Installations		(18,453)	(2,453)	(1,923)	381,479
38										
39	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment		0	0	0	0
40										
41	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media		(3,125)	(2,124)	(12,365)	5,933
42	TN	L		340200	Computer & Peripheral Equipment		(152)	(684)	0	0
43	TN	L		346100	Comm Equip Non-Telephone		(1,667)	(3,456)	0	0
44	TN	L		346190	Remote Control & Instrument		(5,557)	(21,144)	(5,784)	521
45										
46	TN	M	Security Equipment and Systems	304300	Structures & Improvement - Treatment		(208)	(249)	0	0
47	TN	M		304400	Struct & Imp-Treatment-T&D		0	0	0	0
48	TN	M		304500	Structures & Improvement - General		(35)	(17)	0	0
49										
50	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General		0	0	0	0

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date June 27, 2014
Description TN BP 2015-2019 SCEP

Line #	Business Unit			Project Title	Account	Account Description	NOTES	Average Accum Depreciation	Average Depreciation Deferred Tax (DTA, (DTL))	Actual Retirements	Actual COR Less Salvage
No.											
51											
52	TN	O		Vehicles	341100	Transportation Equip Lt Duty Trucks		0	0	0	0
53	TN	O			341200	Transportation Equip Hvy Duty Trucks		0	0	0	0
54	TN	O			341300	Transportation Equip Autos		0	0	0	0

Tennessee American Water Company
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Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit Tennessee
Revision Date June 27, 2014
Description TN BP 2015-2019 SCEP

Line #	Business Unit No.		Project Title	Account	Account Description	NOTES	Average Accum Depreciation	Average Depreciation Deferred Tax (DTA, DTL)	Actual Retirements	Actual COR Less Salvage
55										
56	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment		0	0	0	0
57										
58	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply		(1,846)	(169)	0	117
59	TN	Q		304200	Struct & Imp-Pumping		48	(19)	(6,236)	10,444
60	TN	Q		304300	Struct & Imp-Treatment		136	(56)	(5,522)	212
61	TN	Q		304400	Struct & Imp-Treatment-T&D		(21)	(56)	0	0
62	TN	Q		304500	Structures & Improvement - General		(87)	(36)	0	277
63	TN	Q		304700	Struct & Imp-Store,Shop,Garage		18	(7)	(5,388)	1
64	TN	Q		306000	Lake, River & Other Intakes		0	0	0	0
65	TN	Q		309000	Supply Mains		(169)	(11)	0	0
66	TN	Q		310000	Power Generation Equip		(3,621)	(98)	0	115
67	TN	Q		311200	Pump Eqp Electric		153	(107)	(14,512)	749
68	TN	Q		311520	Pumping Equipment SOS		(3,007)	(1,595)	(33,609)	1,881
69	TN	Q		320100	WT Equip Non-Media		(6,233)	(6,267)	(131,830)	57,217
70	TN	Q		320200	Water Trmt Equip Filter Media		(51,611)	17,522	(284,994)	387,744
71	TN	Q		330000	Dist Reservoirs & Standpipes		0	(0)	(0)	0
72	TN	Q		331001	Transmission & Distribution Mains		0	0	0	0
73	TN	Q		334100	Meters		0	0	0	0
74	TN	Q		340200	Computer & Peripheral Equipment		0	(0)	(0)	105
75	TN	Q		343000	Tools, Shop, Garage Equipment		0	0	0	0
76	TN	Q		344000	Laboratory Equipment		870	(243)	(147,686)	12
77	TN	Q		345000	Power Operated Equipment		(1,010)	234	0	0
78	TN	Q		346190	Remote Control & Instrument		(6)	(135)	0	0
79	TN	Q		347000	Misc Equipment		(228)	59	0	2,546
80										
81	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment		1,801	(705)	(94,900)	0
82	TN	R		304301	Struct & Imp-Treatment-Dpr Paint		0	0	0	0
83	TN	R		320100	WT Equip Non-Media		(23,393)	(16,820)	0	0
84	TN	R		320200	Water Trmt Equip Filter Media		0	0	0	0
85	TN	R		330000	Dist Reservoirs & Standpipes		(900)	(2,048)	0	0
86	TN	R		330003	Tank Repainting		(1,612)	450	0	0
87	TN	R		330100	Elevated Tanks & Standpipes		0	0	0	0
88	TN	R		330200	Ground Level Tanks		12	(3)	(446)	977
89										
90	TN	S	Engineering Studies	331001	Transmission & Distribution Mains		0	0	0	0
91			Total Recurring Projects							
92										
93			ACQUISITIONS							
94										
95			Total Acquisitions							
96										
97			CENTRALLY SPONSORED PROJECTS							
98	TN	T26-Q202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate					
99	TN	T26-Q203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate					
100			Total Centrally Sponsored Projects							

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date June 27, 2014
Description TN BP 2015-2019 SCEP

Line #	Business Unit No.	Project Title	Account	Account Description	NOTES	Average Accum Depreciation	Average Depreciation Deferred Tax (DTA, (DTL))	Actual Retirements	Actual COR Less Salvage
101									
102		INVESTMENT PROJECTS							
103	TN	I26-020017		Electrical Motor Efficiency Enhancement (\$2.9)					
104	TN	I26-020027		Construct 1.0MG Tank & 2500-16" ER (\$1.0)					
105	TN	I26-020028	304300	Citico Plant Improvements Phase 1B (\$8.6)					
106	TN	I26-020028	320100	Struct & Imp-Treatment WT Equip Non-Media		0	0	0	0
107	TN	I26-020032	304200	Wastewater Treatm't & Handling Impr (\$15.3)		0	0	0	0
108	TN	I26-020032	304300	Struct & Imp-Treatment		0	0	0	0
109	TN	I26-020032	304400	Struct & Imp-T&D		0	0	0	0
110	TN	I26-020032	304500	Structures & Improvement - General		(7,869)	(20,483)	0	0
111	TN	I26-020032	320100	WT Equip Non-Media		(4,537)	(20,201)	(305)	0
112	TN	I26-020032	330200	Ground Level Tanks		(95)	(146)	0	0
113	TN	I26-020032	347000	Misc Equipment		(88)	(39)	0	0
114	TN	I26-020034		3000'-24" Tennessee River Crossing (\$0.5)					
115	TN	I26-020038		Retire Basin 1					
116	TN	I26-020039		Basin 2 Tube Settlers					
117	TN	I26-020040		Chlorine Gas Conversion					
118	TN	I26-020041		Electrical - Breakers and Relays (\$0.6)					
119	TN	I26-020042		Pumping Auxiliary Power (\$1.4)					
120	TN	I26-020043		Energy Reduction and Efficiency (\$0.87)					
121	TN	I26-020044		New Raw Water Intake Citico (\$13)					
122	TN	I26-020045		Renovate Filter Bldg 3 (\$0.75)					
123	TN	I26-020046		New Field Services Facility (\$4.5)					
124	TN	I26-050001		Raw Water Intake Improvements Whitwell (\$2)					
125	TN	I26-050002		Facility Upgrades at Whitwell WTP (\$0.3) 1/3 in 2018					
126	TN	I26-050003		Replace 0.5 MG Storage Tanks at Whitwell (\$0.5)					
127	TN	I26-050004		Replace 0.1 MG Storage Tank at Whitwell (\$0.3) 1/3 in 18					
128	TN	I26-020002		Post Acquisition BD Capex					
129	TN	I26-000001	331001	Whitwell Acquisition Capital Investment		-	-		
130	TN	I26-000001	320200	Transmission & Distribution Mains		-	-		
131	TN	I26-000001	311520	Struct & Imp-Supply		-	-		
132	TN	I26-000001	340200	Struct & Imp-Pumping		-	-		
133				Struct & Imp-Treatment		-	-		
134					See note under DV above	\$ (186,806)	\$ (108,491)	\$ (1,032,411)	\$ 1,468,030
135						\$ (186,806)	\$ (108,491)	\$ (1,032,411)	\$ 1,468,030
136		Total DV Excluded:				\$ (186,806)	\$ (108,491)	\$ (1,032,411)	\$ 1,468,030
137						\$ (186,806)	\$ (108,491)	\$ (1,032,411)	\$ 1,468,030
138		Total Surcharge Amt:				\$ (186,806)	\$ (108,491)	\$ (1,032,411)	\$ 1,468,030
139						\$ (186,806)	\$ (108,491)	\$ (1,032,411)	\$ 1,468,030
140		SEC Total:				\$ (89,948)	\$ (59,530)	\$ (648,230)	\$ 467,874
141						\$ (89,948)	\$ (59,530)	\$ (648,230)	\$ 467,874
142		EDI Total:				\$ (3,264)	\$ (1,605)	\$ (882)	\$ 933
143						\$ (3,264)	\$ (1,605)	\$ (882)	\$ 933
144		QIIP Total:				\$ (93,594)	\$ (47,355)	\$ (383,299)	\$ 999,222
						\$ (93,594)	\$ (47,355)	\$ (383,299)	\$ 999,222

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit	Tennessee
Revision Date	June 27, 2014
Description	TN BP 2015-2019 SCEP

			Year: 2015						
Business Unit	Business Unit No.	Project Title	1	2	3	4	5	6	7
RECURRING PROJECTS									
Tennessee	DV	Projects Funded by Others	\$ 5,000	\$ 5,000	\$ 30,000	\$ 70,000	\$ 150,000	\$ 100,000	\$ 55,000
Tennessee	A	Mains - New	-	-	-	-	10,000	30,000	40,000
Tennessee	B	Mains - Replaced / Restored	20,000	80,000	120,000	200,000	150,000	210,000	170,000
Tennessee	C	Mains - Unscheduled	50,000	50,000	80,000	25,000	60,000	60,000	60,000
Tennessee	D	Mains - Relocated	-	-	30,000	40,000	100,000	50,000	100,000
Tennessee	E	Hydrants, Valves, and Manholes - New	-	2,000	3,000	3,000	5,000	4,000	5,000
Tennessee	F	Hydrants, Valves, and Manholes - Replaced	10,000	20,000	20,000	20,000	15,000	15,000	15,000
Tennessee	G	Services and Laterals - New	25,000	30,000	36,000	45,000	51,000	54,000	50,000
Tennessee	H	Services and Laterals - Replaced	-	10,000	20,000	18,000	25,000	35,000	33,000
Tennessee	I	Meters - New	20,000	50,000	40,000	75,000	65,000	35,000	30,000
Tennessee	J	Meters - Replaced	50,000	35,000	60,000	55,000	35,000	35,000	75,000
Tennessee	K	ITS Equipment and Systems	68,773	73,773	78,773	123,751	87,677	92,577	99,347
Tennessee	L	SCADA Equipment and Systems	4,000	2,000	-	-	-	-	-
Tennessee	M	Security Equipment and Systems	-	5,000	6,000	9,000	35,000	10,000	15,000
Tennessee	N	Offices and Operations Centers	-	-	-	-	-	-	-
Tennessee	O	Vehicles	-	15,000	-	20,000	-	20,000	-
Tennessee	P	Tools and Equipment	5,000	-	7,000	12,000	5,000	-	-
Tennessee	Q	Process Plant Facilities and Equipment	65,000	250,000	280,000	350,000	230,000	90,000	60,000
Tennessee	R	Capitalized Tank Rehabilitation/Painting	-	-	-	-	-	-	-
Tennessee	S	Engineering Studies	-	-	-	-	5,000	15,000	10,000
Total Recurring Projects			\$ 317,773	\$ 622,773	\$ 780,773	\$ 995,751	\$ 878,677	\$ 755,577	\$ 762,347
ACQUISITIONS									
Tennessee		Total Acquisitions	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CENTRALLY SPONSORED PROJECTS									
Tennessee	T26-0202	Business Transformation 2010 - 2014							
Tennessee	T26-0203	Business Transformation 2010 - 2014							
Total Centrally Sponsored Projects			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
INVESTMENT PROJECTS									
Tennessee	I26-020017	Electrical Motor Efficiency Enhancement (\$2.9)							
Tennessee	I26-020027	Construct 1.0MG Tank & 2500-16" ER (\$1.0)							
Tennessee	I26-020028	Citico Plant Improvements Phase 1B (\$8.6)							
Tennessee	I26-020032	Wastewater Treatm't & Handling Impr (\$15.3)							
Tennessee	I26-020034	3000'-24" Tennessee River Crossing (\$0.5)							
Tennessee	I26-020038	Retire Basin 1							
Tennessee	I26-020039	Basin 2 Tube Settlers							
Tennessee	I26-020040	Chlorine Gas Conversion							
Tennessee	I26-000002	Post Acquisition BD Capex							
Tennessee	I26-000001	Whitwell Acquisition Capital Investment							
Total Investment Projects			\$ 1,500,000	\$ 1,500,000	\$ 1,200,000	\$ 1,000,000	\$ 850,000	\$ 600,000	\$ 300,000
Total Investment and Centrally Sponsored Projects			\$ 1,500,000	\$ 1,500,000	\$ 1,200,000	\$ 1,000,000	\$ 850,000	\$ 600,000	\$ 300,000
Contributions			\$ (20,000)	\$ (20,000)	\$ (20,000)	\$ (20,000)	\$ (20,000)	\$ (20,000)	\$ (20,000)
Advances			(58,333)	(58,333)	(58,333)	(58,333)	(58,333)	(58,333)	(58,333)
Total Refunds			29,167	29,167	29,167	29,167	29,167	29,167	29,167
Gross minus BT			\$ 1,822,773	\$ 2,127,773	\$ 2,010,773	\$ 2,065,751	\$ 1,878,677	\$ 1,455,577	\$ 1,117,347
Net minus BT			\$ 1,773,606	\$ 2,078,606	\$ 1,961,606	\$ 2,016,584	\$ 1,829,510	\$ 1,406,410	\$ 1,068,180
Gross plus BT			\$ 1,822,773	\$ 2,127,773	\$ 2,010,773	\$ 2,065,751	\$ 1,878,677	\$ 1,455,577	\$ 1,117,347
Net plus BT			\$ 1,773,606	\$ 2,078,606	\$ 1,961,606	\$ 2,016,584	\$ 1,829,510	\$ 1,406,410	\$ 1,068,180

*Dollar amounts from TAWC's Annual Capital Planning Process

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit	Tennessee
Revision Date	June 27, 2014
Description	TN BP 2015-2019 SCEP

									U.S. \$	
Business Unit	Business Unit No.	Project Title	8	9	10	11	12	Total	2015	Surcharge Category
RECURRING PROJECTS										
Tennessee	DV	Projects Funded by Others	\$ 55,000	\$ 50,000	\$ 60,000	\$ 120,000	\$ 100,000	\$ 800,000		
Tennessee	A	Mains - New	15,000	-	-	-	-	95,000		EDI
Tennessee	B	Mains - Replaced / Restored	210,000	150,000	140,000	30,000	20,000	1,500,000		QIIP
Tennessee	C	Mains - Unscheduled	90,000	85,000	70,000	60,000	110,000	800,000		QIIP
Tennessee	D	Mains - Relocated	30,000	-	-	-	-	350,000		QIIP
Tennessee	E	Hydrants, Valves, and Manholes - New	8,500	8,500	6,000	3,000	-	48,000		EDI
Tennessee	F	Hydrants, Valves, and Manholes - Replaced	50,000	30,000	100,000	50,000	30,000	375,000		QIIP
Tennessee	G	Services and Laterals - New	46,000	41,000	36,000	36,000	30,000	480,000		
Tennessee	H	Services and Laterals - Replaced	23,000	21,000	25,000	20,000	20,000	250,000		QIIP
Tennessee	I	Meters - New	30,000	55,000	20,000	60,000	40,000	520,000		
Tennessee	J	Meters - Replaced	45,000	80,000	120,000	85,000	50,000	725,000		QIIP
Tennessee	K	ITS Equipment and Systems	109,347	89,347	90,144	79,347	35,502	1,028,356		
Tennessee	L	SCADA Equipment and Systems	4,000	100,000	45,000	30,000	-	185,000		SEC
Tennessee	M	Security Equipment and Systems	15,000	20,000	25,000	40,000	10,000	190,000		SEC
Tennessee	N	Offices and Operations Centers	10,000	15,000	-	-	-	25,000		
Tennessee	O	Vehicles	65,000	100,000	100,000	50,000	30,000	400,000		
Tennessee	P	Tools and Equipment	3,000	2,000	-	2,000	4,000	40,000		
Tennessee	Q	Process Plant Facilities and Equipment	160,000	340,000	331,203	275,000	200,000	2,631,203		SEC
Tennessee	R	Capitalized Tank Rehabilitation/Painting	10,000	75,000	150,000	200,000	65,000	500,000		QIIP
Tennessee	S	Engineering Studies	5,000	-	-	-	-	35,000		
Total Recurring Projects			\$ 928,847	\$ 1,211,847	\$ 1,258,347	\$ 1,020,347	\$ 644,502	\$ 10,177,559		
ACQUISITIONS										
Tennessee		Total Acquisitions	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
CENTRALLY SPONSORED PROJECTS										
Tennessee	T26-0202	Business Transformation 2010 - 2014				\$ -	\$ -	\$ -		
Tennessee	T26-0203	Business Transformation 2010 - 2014								
Total Centrally Sponsored Projects			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
INVESTMENT PROJECTS										
Tennessee	I26-020017	Electrical Motor Efficiency Enhancement (\$2.9)						\$ -		
Tennessee	I26-020027	Construct 1.0MG Tank & 2500-16" ER (\$1.0)						-		
Tennessee	I26-020028	Citico Plant Improvements Phase 1B (\$8.6)	150,000	250,000	300,000	400,000	500,000	1,600,000		QIIP
Tennessee	I26-020032	Wastewater Treatm't & Handling Impr (\$15.3)	150,000	50,000				7,150,000		SEC
Tennessee	I26-020034	3000'-24" Tennessee River Crossing (\$0.5)						-		EDI
Tennessee	I26-020038	Retire Basin 1								SEC
Tennessee	I26-020039	Basin 2 Tube Settlers								SEC
Tennessee	I26-020040	Chlorine Gas Conversion								SEC
Tennessee	I26-000002	Post Acquisition BD Capex						-		
Tennessee	I26-000001	Whitwell Acquisition Capital Investment						-		QIIP
Total Investment Projects			\$ 300,000	\$ 300,000	\$ 300,000	\$ 400,000	\$ 500,000	\$ 8,750,000		
Total Investment and Centrally Sponsored Projects			\$ 300,000	\$ 300,000	\$ 300,000	\$ 400,000	\$ 500,000	\$ 8,750,000		
Contributions			\$ (20,000)	\$ (20,000)	\$ (20,000)	\$ (20,000)	\$ (20,000)	\$ (240,000)		
Advances			(58,333)	(58,333)	(58,333)	(58,333)	(58,333)	(700,000)		
Total Refunds			29,167	29,167	29,167	29,167	29,167	350,000		
								-		
Gross minus BT			\$ 1,283,847	\$ 1,561,847	\$ 1,618,347	\$ 1,540,347	\$ 1,244,502	\$ 19,727,559		
			(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(590,000)		
Net minus BT			\$ 1,234,680	\$ 1,512,680	\$ 1,569,180	\$ 1,491,180	\$ 1,195,335	\$ 19,137,559		
Gross plus BT			\$ 1,283,847	\$ 1,561,847	\$ 1,618,347	\$ 1,540,347	\$ 1,244,502	\$ 19,727,559		
			(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(590,000)		
Net plus BT			\$ 1,234,680	\$ 1,512,680	\$ 1,569,180	\$ 1,491,180	\$ 1,195,335	\$ 19,137,559		

*Dollar amounts from TAWC's Annual Capital Planning Process

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit Tennessee
Revision Date July 14, 2013
Description TN BP 2014-2018 SCEP

Line #	Business Unit No.		Project Title	Account	Account Description	Portion to Account	In-Service (Months)	Dep Rate
1	RECURRING PROJECTS							
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains	95.5%	3	1.25%
3	TN	DV		333000	Services	2.3%	3	1.11%
4	TN	DV		335000	Hydrants	2.2%	3	2.30%
5								
6	TN	A	Mains - New	331001	Transmission & Distribution Mains	100.0%	3	1.25%
7								
8	TN	B	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	96.8%	3	1.25%
9	TN	B		333000	Services	2.9%	3	1.11%
10	TN	B		335000	Hydrants	0.3%	3	2.30%
11								
12	TN	C	Mains - Unscheduled	331001	Transmission & Distribution Mains	100.0%	3	1.25%
13								
14	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains	96.2%	3	1.25%
15	TN	D		333000	Services	0.5%	3	1.11%
16	TN	D		335000	Hydrants	3.3%	3	0.023
17								
18	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	58.7%	1	1.25%
19	TN	E		335000	Hydrants	41.3%	1	2.30%
20								
21	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	64.1%	1	1.25%
22	TN	F		335000	Hydrants	35.9%	1	2.30%
23								
24	TN	G	Services and Laterals - New	333000	Services	100.0%	1	1.11%
25								
26	TN	H	Services and Laterals - Replaced	333000	Services	100.0%	1	1.11%
27								
28	TN	I	Meters - New	334100	Meters	64.2%	1	7.47%
29	TN	I		334200	Meter Installations	35.8%	1	2.73%
30								
31	TN	J	Meters - Replaced	334100	Meters	72.5%	1	7.47%
32	TN	J		334200	Meter Installations	27.5%	1	2.73%
33								
34	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment	100.0%	1	2.19%
35								
36	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media			1.09%
37		L	SCADA Equipment and Systems	340200	Computer & Peripheral Equipment	100.0%	1	2.19%
38		L	SCADA Equipment and Systems	346100	Comm Equip Non-Telephone			4.21%
39		L	SCADA Equipment and Systems	346190	Remote Control & Instrument			4.21%

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit Tennessee
Revision Date July 14, 2013
Description TN BP 2014-2018 SCEP

Line #	Business Unit No.	Project Title	Account	Account Description	Portion to Account	In-Service (Months)	Dep Rate
40							
41	TN	M	Security Equipment and Systems	304500	Structures & Improvement - General	100.0%	1 1.13%
42							
43	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General	100.0%	1 1.13%
44							
45	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks	19.3%	1 16.00%
46	TN	O		341200	Transportation Equip Hvy Duty Trucks	63.6%	1 16.62%
47	TN	O		341300	Transportation Equip Autos	17.1%	1 11.38%
48							
49	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment	100.0%	1 6.89%
50							
51	TN	Q	Process Plant Facilities and Equipment	320200	Water Trmt Equip Filter Media	57.6%	1 33.69%
52	TN	Q	Process Plant Facilities and Equipment	311520	Pumping Equipment SOS	21.0%	1 1.83%
53	TN	Q	Process Plant Facilities and Equipment	340200	WT Equip Non-Media	21.3%	1 1.98%
54		Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply		1.98%
55		Q	Process Plant Facilities and Equipment	304300	Struct & Imp-Treatment		4.11%
56		Q	Process Plant Facilities and Equipment	309000	Supply Mains		1.87%
57		Q	Process Plant Facilities and Equipment	310000	Power Generation Equip		12.33%
58		Q	Process Plant Facilities and Equipment	311200	Pump Eqp Electric		2.45%
59		Q	Process Plant Facilities and Equipment	320100	WT Equip Non-Media		1.09%
60		Q	Process Plant Facilities and Equipment	344000	Laboratory Equipment		1.01%
61							
62	TN	R	Capitalized Tank Rehabilitation/Painting	330003	Tank Repainting	100.0%	1 11.08%
63		R	Capitalized Tank Rehabilitation/Painting	320100	WT Equip Non-Media		1.09%
64		R	Capitalized Tank Rehabilitation/Painting	330000	Dist Reservoirs & Standpipes		2.08%
65		R	Capitalized Tank Rehabilitation/Painting	330200	Ground Level Tanks		2.74%
66							
67	TN	S	Engineering Studies	331001	Transmission & Distribution Mains	100.0%	1 1.25%
68			Total Recurring Projects				
69							
70			ACQUISITIONS				
71							
72			Total Acquisitions				
73							
74			CENTRALLY SPONSORED PROJECTS				
75	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		1 10.00%
76	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		1 10.00%
77			Total Centrally Sponsored Projects				
78							

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit Tennessee
Revision Date July 14, 2013
Description TN BP 2014-2018 SCEP

Line #	Business Unit No.	Project Title	Account	Account Description	Portion to Account	In-Service (Months)	Dep Rate
79		INVESTMENT PROJECTS					
80	TN	I26-020016		Meter shop Building Additions		12/31/2016	
81	TN	I26-020017		Electrical Motor Efficiency Enhancement (\$2.9)		12/31/2017	
82	TN	I26-020019		Interconnects Adjacent Water UD (\$0.6)		12/32/2016	
83	TN	I12-020024		Install New Hill City Pumps (\$0.7)		12/31/2017	
84	TN	I26-020025		Install 5,700' of 16"- East Braine (\$1.0)		12/31/2016	
85	TN	I26-020026		5800'-16" Main in Navajo Dr. (\$1.0)		12/31/2017	
86	TN	I26-020027		Construct 1.0MG Tank & 2500-16" ER (\$1.0)			
87	TN	I26-020030		5933 If of 20" Ringgold Rd. at I-75 (\$2.1)		12/31/2013	
88	TN	I26-020028		Citico Plant Improvements Phase 1B (\$8.6)		6/30/2015	
89	TN	I26-020032		Wastewater Treatm't & Handling Impr (\$4.5)		4/30/2015	
90	TN	I26-020033		Convert ER Reservoir to Pump Storag (\$0.25)			
91	TN	I26-020034		3000'-24" Tennessee River Crossing (\$0.5)		12/31/2017	
92	TN	I26-020035		Repl Lktout Mtn Pump #4 (\$0.9)		12/31/2016	
93	TN	I26-020036		New Office Building			
94	TN	I26-020022		Post Acquisition BD Capex			
95				IP Project Unbudgeted Capital			
96	TN	I26-000001	331001	Whitwell Acquisition Capital Investment	85.0%	12/31/2014	1.25%
97	TN	I26-000001	320200	Water Trmt Equip Filter Media	6.0%	12/31/2014	33.69%
98	TN	I26-000001	311520	Pumping Equipment SOS	4.5%	12/31/2014	1.83%
99	TN	I26-000001	304200	WT Equip Non-Media	4.5%	12/31/2014	1.98%
100						12/31/2014	
101				Total DV Included:			
102							
103				Total DV Excluded:			
104							
105				Total Surcharge Amt:			
106							
107				SEC Total:			
108							
109				EDI Total:			
110							
111				QIIP Total:			

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit Tennessee
Revision Date July 14, 2013
Description TN BP 2014-2018 SCEP

Line #	Business Unit No.	Project Title	Account	Account Description	Cumulative Bal of In-Serviced Plant, from 2014 Capex, by Period					
					1	2	3	4	5	6
1				RECURRING PROJECTS						
2	TN	DV		Projects Funded by Others						
3	TN	DV	331001	Transmission & Distribution Mains	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4	TN	DV	333000	Services	-	-	-	-	-	-
5			335000	Hydrants	-	-	-	-	-	-
6	TN	A	331001	Transmission & Distribution Mains	-	-	-	-	-	-
7										
8	TN	B	331001	Transmission & Distribution Mains	-	-	-	153,237	240,102	255,025
9	TN	B	333000	Services	-	-	-	-	-	420
10	TN	B	335000	Hydrants	-	-	-	-	-	62
11										
12	TN	C	331001	Transmission & Distribution Mains	114,817	265,914	272,759	343,073	380,983	465,028
13										
14	TN	D	331001	Transmission & Distribution Mains	-	28,675	28,981	52,937	45,493	48,823
15	TN	D	333000	Services	-	-	-	-	-	49
16	TN	D	335000	Hydrants	-	-	-	-	-	-
17										
18	TN	E	331001	Transmission & Distribution Mains	(512)	195	296	7,823	3,829	17,211
19	TN	E	335000	Hydrants	3,632	9,201	8,650	19,638	23,616	24,503
20										
21	TN	F	331001	Transmission & Distribution Mains	-	46	46	46	46	46
22	TN	F	335000	Hydrants	15,431	20,842	35,359	56,411	64,908	87,833
23										
24	TN	G	333000	Services	44,756	84,381	101,390	152,399	244,096	321,918
25										
26	TN	H	333000	Services	105,368	140,227	135,979	159,336	130,073	225,386
27										
28	TN	I	334100	Meters	7,582	65,121	72,752	77,927	89,762	97,063
29	TN	I	334200	Meter Installations	15,482	(22,304)	(8,520)	5,676	33,212	50,312
30										
31	TN	J	334100	Meters	8,882	16,339	28,311	31,043	34,602	38,468
32	TN	J	334200	Meter Installations	5,291	9,502	20,582	37,444	50,251	76,288
33										
34	TN	K	340200	Computer & Peripheral Equipment	-	-	-	-	-	-
35										
36	TN	L	320100	WT Equip Non-Media	-	-	-	217,982	224,891	224,891
37		L	340200	Computer & Peripheral Equipment	-	-	-	-	-	-
38		L	346100	Comm Equip Non-Telephone	-	-	-	-	-	-
39		L	346190	Remote Control & Instrument	-	-	-	-	-	-

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit Tennessee
Revision Date July 14, 2013
Description TN BP 2014-2018 SCEP

						Cumulative Bal of In-Serviced Plant, from 2014 Capex, by Period					
Line #	Business Unit No.		Project Title	Account	Account Description	1	2	3	4	5	6
40											
41	TN	M	Security Equipment and Systems	304500	Structures & Improvement - General	-	-	-	-	-	-
42											
43	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General	-	-	-	-	-	-
44											
45	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks	-	-	-	-	-	-
46	TN	O		341200	Transportation Equip Hvy Duty Trucks	-	-	-	-	-	-
47	TN	O		341300	Transportation Equip Autos	-	-	-	-	-	-
48											
49	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment	-	-	-	-	-	-
50											
51	TN	Q	Process Plant Facilities and Equipment	320200	Water Trmt Equip Filter Media	-	-	-	-	-	-
52	TN	Q	Process Plant Facilities and Equipment	311520	Pumping Equipment SOS	-	2,682	5,914	73,666	73,666	99,797
53	TN	Q	Process Plant Facilities and Equipment	340200	WT Equip Non-Media	-	-	-	-	-	-
54		Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	-	-	-	-	-	38,646
55		Q	Process Plant Facilities and Equipment	304300	Struct & Imp-Treatment	-	-	-	-	-	-
56		Q	Process Plant Facilities and Equipment	309000	Supply Mains	-	-	-	-	-	-
57		Q	Process Plant Facilities and Equipment	310000	Power Generation Equip	-	-	-	26,638	25,066	25,066
58		Q	Process Plant Facilities and Equipment	311200	Pump Eqp Electric	-	-	-	-	-	-
59		Q	Process Plant Facilities and Equipment	320100	WT Equip Non-Media	-	-	7,449	19,611	37,825	37,825
60		Q	Process Plant Facilities and Equipment	344000	Laboratory Equipment	-	-	-	-	-	-
61											
62	TN	R	Capitalized Tank Rehabilitation/Painting	330003	Tank Repainting	-	-	-	-	-	-
63		R	Capitalized Tank Rehabilitation/Painting	320100	WT Equip Non-Media	-	-	-	-	-	-
64		R	Capitalized Tank Rehabilitation/Painting	330000	Dist Reservoirs & Standpipes	-	-	-	-	18,566	18,566
65		R	Capitalized Tank Rehabilitation/Painting	330200	Ground Level Tanks	-	-	-	-	-	-
66											
67	TN	S	Engineering Studies	331001	Transmission & Distribution Mains	-	-	-	-	-	-
68			Total Recurring Projects			320,730	620,821	709,947	1,434,887	1,720,987	2,153,224
69											
70			ACQUISITIONS								
71											
72			Total Acquisitions								
73											
74			CENTRALLY SPONSORED PROJECTS								
75	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate						
76	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate						
77			Total Centrally Sponsored Projects								
78											

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit Tennessee
Revision Date July 14, 2013
Description TN BP 2014-2018 SCEP

					Cumulative Bal of In-Serviced Plant, from 2014 Capex, by Period					
Line #	Business Unit No.	Project Title	Account	Account Description	1	2	3	4	5	6
79		INVESTMENT PROJECTS								
80	TN I26-020016	Meter shop Building Additions								
81	TN I26-020017	Electrical Motor Efficiency Enhancement (\$2.9)								
82	TN I26-020019	Interconnects Adjacent Water UD (\$0.6)								
83	TN I12-020024	Install New Hill City Pumps (\$0.7)								
84	TN I26-020025	Install 5,700' of 16"- East Braine (\$1.0)								
85	TN I26-020026	5800'-16" Main in Navajo Dr. (\$1.0)								
86	TN I26-020027	Construct 1.0MG Tank & 2500-16" ER (\$1.0)								
87	TN I26-020030	5933 lf of 20" Ringgold Rd. at I-75 (\$2.1)								
88	TN I26-020028	Citico Plant Improvements Phase 1B (\$8.6)								
89	TN I26-020032	Wastewater Treatm't & Handling Impr (\$4.5)								
90	TN I26-020033	Convert ER Reservoir to Pump Storag (\$0.25)								
91	TN I26-020034	3000'-24" Tennessee River Crossing (\$0.5)								
92	TN I26-020035	Repl Lktout Mtn Pump #4 (\$0.9)								
93	TN I26-020036	New Office Building								
94	TN I26-020022	Post Acquisition BD Capex								
95		IP Project Unbudgeted Capital								
96	TN I26-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains						
97	TN I26-000001		320200	Water Trmt Equip Filter Media						
98	TN I26-000001		311520	Pumping Equipment SOS						
99	TN I26-000001		304200	WT Equip Non-Media						
100										
101		Total DV Included:								
102										
103		Total DV Excluded:								
104										
105		Total Surcharge Amt:								
106										
107		SEC Total:								
108										
109		EDI Total:								
110										
111		QIIP Total:								

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit Tennessee
Revision Date July 14, 2013
Description TN BP 2014-2018 SCEP

Line #	Business Unit No.		Project Title	Account	Account Description	Cumulative Bal of In-Serviced Plant, from 2014 Capex, by Period					
						7	8	9	10	11	12
1			RECURRING PROJECTS								
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3	TN	DV		333000	Services	-	-	-	-	-	-
4	TN	DV		335000	Hydrants	-	-	-	-	-	-
5											
6	TN	A	Mains - New	331001	Transmission & Distribution Mains	-	-	-	-	-	-
7											
8	TN	B	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	388,412	383,778	375,210	367,065	480,118	804,983
9	TN	B		333000	Services	470	732	637	546	546	22,175
10	TN	B		335000	Hydrants	107	299	229	163	163	27,283
11											
12	TN	C	Mains - Unscheduled	331001	Transmission & Distribution Mains	579,783	646,123	699,169	820,228	855,741	979,105
13											
14	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains	48,896	48,896	48,896	48,896	48,896	69,181
15	TN	D		333000	Services	50	50	50	50	50	288
16	TN	D		335000	Hydrants	-	-	-	-	-	-
17											
18	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	17,441	21,134	24,461	24,247	23,971	23,936
19	TN	E		335000	Hydrants	27,726	28,620	31,001	30,848	37,387	38,569
20											
21	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	46	4,848	3,864	3,474	4,885	21,480
22	TN	F		335000	Hydrants	117,885	188,423	171,634	168,833	195,847	219,103
23											
24	TN	G	Services and Laterals - New	333000	Services	357,985	493,109	506,143	601,893	745,053	709,660
25											
26	TN	H	Services and Laterals - Replaced	333000	Services	165,404	288,143	277,696	340,351	410,631	442,503
27											
28	TN	I	Meters - New	334100	Meters	114,401	120,513	123,951	129,873	134,440	136,631
29	TN	I		334200	Meter Installations	69,249	118,334	112,656	127,412	139,539	144,915
30											
31	TN	J	Meters - Replaced	334100	Meters	43,942	43,095	43,095	43,095	43,095	43,095
32	TN	J		334200	Meter Installations	154,615	266,341	401,723	548,185	604,343	618,384
33											
34	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment	-	-	-	-	-	-
35											
36	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media	224,891	268,337	268,337	268,337	268,337	268,337
37		L	SCADA Equipment and Systems	340200	Computer & Peripheral Equipment	-	-	17,356	17,205	17,205	17,205
38		L	SCADA Equipment and Systems	346100	Comm Equip Non-Telephone	-	-	60,940	57,305	57,305	57,328
39		L	SCADA Equipment and Systems	346190	Remote Control & Instrument	-	-	142,541	133,433	149,762	144,865

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit Tennessee
Revision Date July 14, 2013
Description TN BP 2014-2018 SCEP

Line #	Business Unit No.		Project Title	Account	Account Description	Cumulative Bal of In-Serviced Plant, from 2014 Capex, by Period					
						7	8	9	10	11	12
40											
41	TN	M	Security Equipment and Systems	304500	Structures & Improvement - General	-	-	-	-	-	6,193
42											
43	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General	-	-	-	-	-	-
44											
45	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks	-	-	-	-	-	-
46	TN	O		341200	Transportation Equip Hvy Duty Trucks	-	-	-	-	-	-
47	TN	O		341300	Transportation Equip Autos	-	-	-	-	-	-
48											
49	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment	-	-	-	-	-	-
50											
51	TN	Q	Process Plant Facilities and Equipment	320200	Water Trmt Equip Filter Media	-	-	-	-	-	-
52	TN	Q	Process Plant Facilities and Equipment	311520	Pumping Equipment SOS	99,797	99,797	101,530	114,848	115,840	115,840
53	TN	Q	Process Plant Facilities and Equipment	340200	WT Equip Non-Media	-	-	-	-	-	-
54		Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	52,621	52,621	52,621	52,621	52,621	132,235
55		Q	Process Plant Facilities and Equipment	304300	Struct & Imp-Treatment	-	-	-	-	-	-
56		Q	Process Plant Facilities and Equipment	309000	Supply Mains	9,862	9,862	9,862	9,862	9,862	9,862
57		Q	Process Plant Facilities and Equipment	310000	Power Generation Equip	25,066	25,066	25,066	25,066	25,066	25,066
58		Q	Process Plant Facilities and Equipment	311200	Pump Eqp Electric	-	-	-	-	-	-
59		Q	Process Plant Facilities and Equipment	320100	WT Equip Non-Media	39,474	39,474	39,474	39,474	39,474	376,215
60		Q	Process Plant Facilities and Equipment	344000	Laboratory Equipment	-	-	-	-	-	-
61											
62	TN	R	Capitalized Tank Rehabilitation/Painting	330003	Tank Repainting	-	-	-	-	-	0
63		R	Capitalized Tank Rehabilitation/Painting	320100	WT Equip Non-Media	2,325,978	2,426,791	2,390,528	2,390,994	2,342,453	2,337,229
64		R	Capitalized Tank Rehabilitation/Painting	330000	Dist Reservoirs & Standpipes	18,566	18,566	18,566	18,566	18,566	22,832
65		R	Capitalized Tank Rehabilitation/Painting	330200	Ground Level Tanks	-	-	-	-	-	-
66											
67	TN	S	Engineering Studies	331001	Transmission & Distribution Mains	-	-	-	-	-	-
68			Total Recurring Projects			4,882,665	5,592,950	5,947,235	6,382,871	6,821,195	7,814,500
69											
70			ACQUISITIONS								
71											
72			Total Acquisitions								
73											
74			CENTRALLY SPONSORED PROJECTS								
75	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate						
76	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate						
77			Total Centrally Sponsored Projects								
78											

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit Tennessee
Revision Date July 14, 2013
Description TN BP 2014-2018 SCEP

					Cumulative Bal of In-Serviced Plant, from 2014 Capex, by Period					
Line #	Business Unit No.	Project Title	Account	Account Description	7	8	9	10	11	12
79		INVESTMENT PROJECTS								
80	TN	I26-020016		Meter shop Building Additions						
81	TN	I26-020017		Electrical Motor Efficiency Enhancement (\$2.9)						
82	TN	I26-020019		Interconnects Adjacent Water UD (\$0.6)						
83	TN	I12-020024		Install New Hill City Pumps (\$0.7)						
84	TN	I26-020025		Install 5,700' of 16"- East Braine (\$1.0)						
85	TN	I26-020026		5800'-16" Main in Navajo Dr. (\$1.0)						
86	TN	I26-020027		Construct 1.0MG Tank & 2500-16" ER (\$1.0)						
87	TN	I26-020030		5933 lf of 20" Ringgold Rd. at I-75 (\$2.1)						
88	TN	I26-020028		Citico Plant Improvements Phase 1B (\$8.6)						
89	TN	I26-020032		Wastewater Treatm't & Handling Impr (\$4.5)						
90	TN	I26-020033		Convert ER Reservoir to Pump Storag (\$0.25)						
91	TN	I26-020034		3000'-24" Tennessee River Crossing (\$0.5)						
92	TN	I26-020035		Repl Lktout Mtn Pump #4 (\$0.9)						
93	TN	I26-020036		New Office Building						
94	TN	I26-020022		Post Acquisition BD Capex						
95				IP Project Unbudgeted Capital						
96	TN	I26-000001	331001	Whitwell Acquisition Capital Investment						
97	TN	I26-000001	320200	Transmission & Distribution Mains						
98	TN	I26-000001	311520	Water Trmt Equip Filter Media						
99	TN	I26-000001	304200	Pumping Equipment SOS						
				WT Equip Non-Media						
100										
101				Total DV Included:						<u>\$ 15,628,999</u>
102										
103				Total DV Excluded:						<u>\$ 15,628,999</u>
104										
105				Total Surcharge Amt:						<u>\$ 6,823,293</u>
106										
107				SEC Total:						<u>\$ 1,153,147</u>
108										
109				EDI Total:						<u>\$ 62,504</u>
110										
111				QIIP Total:						<u>\$ 5,607,642</u>

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit Tennessee
Revision Date July 14, 2013
Description TN BP 2014-2018 SCEP

Line #	Business Unit No.		Project Title	Account	Account Description	Surcharge	Amounts for Surcharge				
							Average Plant in Service	Average Retires (Replacement Projects Only)	Average CIAC	Depreciation Expense	Cost of Removal Less Salvage
1			RECURRING PROJECTS								
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains		\$ -	\$ -		\$ -	\$ -
3	TN	DV		333000	Services		-	-		-	-
4	TN	DV		335000	Hydrants		-	-		-	-
5											
6	TN	A	Mains - New	331001	Transmission & Distribution Mains	EDI	-	-		-	-
7											
8	TN	B	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	QIIP	287,327	-		2,753	344
9	TN	B		333000	Services	QIIP	2,127	-		3	447
10	TN	B		335000	Hydrants	QIIP	2,359	-		2	-
11											
12	TN	C	Mains - Unscheduled	331001	Transmission & Distribution Mains	QIIP	535,227	(2,997)		5,637	12,674
13											
14	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains	QIIP	43,214	-		468	505
15	TN	D		333000	Services	QIIP	49	-		0	359
16	TN	D		335000	Hydrants	QIIP	-	-		-	-
17											
18	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	EDI	13,669	-		146	-
19	TN	E		335000	Hydrants	EDI	23,616	-		469	-
20											
21	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	QIIP	3,235	-		18	-
22	TN	F		335000	Hydrants	QIIP	111,876	-		2,153	-
23										-	-
24	TN	G	Services and Laterals - New	333000	Services		363,565	-		3,379	-
25											
26	TN	H	Services and Laterals - Replaced	333000	Services	QIIP	235,091	-		2,200	-
27											
28	TN	I	Meters - New	334100	Meters		97,501	-		6,433	-
29	TN	I		334200	Meter Installations		65,497	-		1,458	-
30											
31	TN	J	Meters - Replaced	334100	Meters	QIIP	34,755	-		2,328	-
32	TN	J		334200	Meter Installations	QIIP	232,746	(1,603)		4,908	21,982
33										-	-
34	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment		-	-		-	-
35											
36	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media	SEC	186,195	(6,182)		1,730	2,244
37		L	SCADA Equipment and Systems	340200	Computer & Peripheral Equipment	SEC	5,748	-		94	-
38		L	SCADA Equipment and Systems	346100	Comm Equip Non-Telephone	SEC	19,407	-		616	-
39		L	SCADA Equipment and Systems	346190	Remote Control & Instrument	SEC	47,550	-		1,494	-

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit Tennessee
Revision Date July 14, 2013
Description TN BP 2014-2018 SCEP

Line #	Business Unit No.		Project Title	Account	Account Description	Surcharge	Amounts for Surcharge			
							Average Plant in Service	Average Retires (Replacement Projects Only)	Average CIAC	Cost of Removal Less Salvage
40										
41	TN	M	Security Equipment and Systems	304500	Structures & Improvement - General	SEC	516	-	-	-
42										
43	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General		-	-	-	-
44										
45	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks		-	-	-	-
46	TN	O		341200	Transportation Equip Hvy Duty Trucks		-	-	-	-
47	TN	O		341300	Transportation Equip Autos		-	-	-	-
48										
49	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment		-	-	-	-
50										
51	TN	Q	Process Plant Facilities and Equipment	320200	Water Trmt Equip Filter Media	SEC	-	-	-	-
52	TN	Q	Process Plant Facilities and Equipment	311520	Pumping Equipment SOS	SEC	75,282	(5,200)	1,157	209
53	TN	Q	Process Plant Facilities and Equipment	340200	WT Equip Non-Media	SEC	-	-	-	-
54		Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	SEC	36,165	-	498	46
55		Q	Process Plant Facilities and Equipment	304300	Struct & Imp-Treatment	SEC	-	(1,881)	(55)	117
56		Q	Process Plant Facilities and Equipment	309000	Supply Mains	SEC	4,931	-	77	-
57		Q	Process Plant Facilities and Equipment	310000	Power Generation Equip	SEC	18,931	-	2,077	19
58		Q	Process Plant Facilities and Equipment	311200	Pump Eqp Electric	SEC	-	(3,905)	(84)	307
59		Q	Process Plant Facilities and Equipment	320100	WT Equip Non-Media	SEC	56,358	(6,876)	210	305
60		Q	Process Plant Facilities and Equipment	344000	Laboratory Equipment	SEC	-	(24,773)	(126)	8
61										
62	TN	R	Capitalized Tank Rehabilitation/Painting	330003	Tank Repainting	QIIP	0	-	-	-
63		R	Capitalized Tank Rehabilitation/Painting	320100	WT Equip Non-Media	QIIP	1,184,498	-	10,788	-
64		R	Capitalized Tank Rehabilitation/Painting	330000	Dist Reservoirs & Standpipes	QIIP	12,733	-	225	0
65		R	Capitalized Tank Rehabilitation/Painting	330200	Ground Level Tanks	QIIP	-	(260)	(6)	570
66										
67	TN	S	Engineering Studies	331001	Transmission & Distribution Mains		-	-	-	-
68			Total Recurring Projects							
69										
70			ACQUISITIONS							
71										
72			Total Acquisitions							
73										
74			CENTRALLY SPONSORED PROJECTS							
75	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		-		0	
76	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate					
77			Total Centrally Sponsored Projects							
78										

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date July 14, 2013
Description TN BP 2014-2018 SCEP

Line #	Business Unit No.		Project Title	Account	Account Description	Surcharge	Amounts for Surcharge				
							Average Plant in Service	Average Retires (Replacement Projects Only)	Average CIAC	Depreciation Expense	Cost of Removal Less Salvage
79			INVESTMENT PROJECTS								
80	TN	I26-020016	Meter shop Building Additions								
81	TN	I26-020017	Electrical Motor Efficiency Enhancement (\$2.9)							0	
82	TN	I26-020019	Interconnects Adjacent Water UD (\$0.6)								
83	TN	I12-020024	Install New Hill City Pumps (\$0.7)			SEC					
84	TN	I26-020025	Install 5,700' of 16"- East Braine (\$1.0)								
85	TN	I26-020026	5800'-16" Main in Navajo Dr. (\$1.0)								
86	TN	I26-020027	Construct 1.0MG Tank & 2500-16" ER (\$1.0)								
87	TN	I26-020030	5933 lf of 20" Ringgold Rd. at I-75 (\$2.1)								
88	TN	I26-020028	Citico Plant Improvements Phase 1B (\$8.6)			QIIP				0	
89	TN	I26-020032	Wastewater Treatm't & Handling Impr (\$4.5)			SEC				0	
90	TN	I26-020033	Convert ER Reservoir to Pump Storag (\$0.25)								
91	TN	I26-020034	3000'-24" Tennessee River Crossing (\$0.5)			EDI				0	
92	TN	I26-020035	Repl Lktout Mtn Pump #4 (\$0.9)								
93	TN	I26-020036	New Office Building								
94	TN	I26-020022	Post Acquisition BD Capex								
95			IP Project Unbudgeted Capital								
96	TN	I26-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains	QIIP	-			0	
97	TN	I26-000001		320200	Water Trmt Equip Filter Media	QIIP	-			0	
98	TN	I26-000001		311520	Pumping Equipment SOS	QIIP	-			0	
99	TN	I26-000001		304200	WT Equip Non-Media	QIIP	-			0	
100											
101			Total DV Included:				\$ 3,700,168	\$ (53,678)	\$ -	\$ 51,050	\$ 40,137
102											
103			Total DV Excluded:				\$ 3,700,168	\$ (53,678)	\$ -	\$ 51,050	\$ 40,137
104											
105			Total Surcharge Amt:				\$ 3,173,604	\$ (53,678)	\$ -	\$ 39,780	\$ 40,137
106											
107			SEC Total:				\$ 451,081	\$ (48,817)	\$ -	\$ 7,686	\$ 3,256
108											
109			EDI Total:				\$ 37,285	\$ -	\$ -	\$ 615	\$ -
110											
111			QIIP Total:				\$ 2,685,237	\$ (4,860)	\$ -	\$ 31,478	\$ 36,881

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit Tennessee
Revision Date July 14, 2013
Description TN BP 2014-2018 SCEP

Line #	Business Unit No.	Project Title	Account	Account Description	Tax Depr class life	Tax Depr Rate	Tax Depreciation	Tax over Book Depreciation	Tax Rate	Depreciation Deferred Tax (DTA, DTL)	NOTES	Average Accum Dep
1		RECURRING PROJECTS										
2	TN	DV	331001	Transmission & Distribution Mains	25 yr	0.02	\$ -	\$ -	0.39225	\$ -	This should be zero if related to non-taxable CIAC	
3	TN	DV	333000	Services	25 yr	0.02	-	-	0.39225	-	This should be zero if related to non-taxable CIAC	
4	TN	DV	335000	Hydrants	25 yr	0.02	-	-	0.39225	-	This should be zero if related to non-taxable CIAC	
5												
6	TN	A	331001	Transmission & Distribution Mains	25 yr	0.02	-	-	0.39225	-		
7												
8	TN	B	331001	Transmission & Distribution Mains	25 yr	0.02	4,405	1,652	0.39225	(648)		(890)
9	TN	B	333000	Services	25 yr	0.02	6	2	0.39225	(1)		(1)
10	TN	B	335000	Hydrants	25 yr	0.02	2	(0)	0.39225	0		(1)
11												
12	TN	C	331001	Transmission & Distribution Mains	25 yr	0.02	9,019	3,382	0.39225	(1,327)		(2,128)
13												
14	TN	D	331001	Transmission & Distribution Mains	25 yr	0.02	749	281	0.39225	(110)		(201)
15	TN	D	333000	Services	25 yr	0.02	0	0	0.39225	(0)		(0)
16	TN	D	335000	Hydrants	25 yr	0.02	-	-	0.39225	-		-
17												
18	TN	E	331001	Transmission & Distribution Mains	25 yr	0.02	233	88	0.39225	(34)		(44)
19	TN	E	335000	Hydrants	25 yr	0.02	408	(61)	0.39225	24		(180)
20												
21	TN	F	331001	Transmission & Distribution Mains	25 yr	0.02	29	11	0.39225	(4)		(4)
22	TN	F	335000	Hydrants	25 yr	0.02	1,872	(281)	0.39225	110		(722)
23												
24	TN	G	333000	Services	25 yr	0.02	6,089	2,709	0.39225	(1,063)		(1,105)
25												
26	TN	H	333000	Services	25 yr	0.02	3,964	1,764	0.39225	(692)		(865)
27												
28	TN	I	334100	Meters	25 yr	0.02	1,722	(4,711)	0.39225	1,848		(2,616)
29	TN	I	334200	Meter Installations	25 yr	0.02	1,068	(390)	0.39225	153		(380)
30												
31	TN	J	334100	Meters	25 yr	0.02	623	(1,705)	0.39225	669		(979)
32	TN	J	334200	Meter Installations	25 yr	0.02	3,595	(1,312)	0.39225	515		(1,157)
33												
34	TN	K	340200	Computer & Peripheral Equipment	5 yr	0.2	-	-	0.39225	-		-
35												
36	TN	L	320100	WT Equip Non-Media	25 yr	0.02	3,174	1,444	0.39225	(566)		(627)
37		L	340200	Computer & Peripheral Equipment	5 yr	0.2	863	768	0.39225	(301)		(16)
38		L	346100	Comm Equip Non-Telephone	5 yr	0.2	2,926	2,310	0.39225	(906)		(104)
39		L	346190	Remote Control & Instrument	5 yr	0.2	7,096	5,602	0.39225	(2,197)		(247)

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date July 14, 2013
Description TN BP 2014-2018 SCEP

Line #	Business Unit No.		Project Title	Account	Account Description	Tax Depr class life	Tax Depr Rate	Tax Depreciation	Tax over Book Depreciation	Tax Rate	Depreciation Deferred Tax (DTA, DTL)	NOTES	Average Accum Dep
40													
41	TN	M	Security Equipment and Systems	304500	Structures & Improvement - General	39 yr	0.02564	-	-	0.39225	-		-
42													
43	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General	39 yr	0.02564	-	-	0.39225	-		-
44													
45	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks	5 yr	0.2	-	-	0.39225	-		-
46	TN	O		341200	Transportation Equip Hvy Duty Trucks	5 yr	0.2	-	-	0.39225	-		-
47	TN	O		341300	Transportation Equip Autos	5 yr	0.2	-	-	0.39225	-		-
48													
49	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment	25 yr	0.02	-	-	0.39225	-		-
50													
51	TN	Q	Process Plant Facilities and Equipment	320200	Water Trmt Equip Filter Media	25 yr	0.02	-	-	0.39225	-		-
52	TN	Q	Process Plant Facilities and Equipment	311520	Pumping Equipment SOS	25 yr	0.02	1,265	107	0.39225	(42)		(420)
53	TN	Q	Process Plant Facilities and Equipment	340200	WT Equip Non-Media	5 yr	0.2	-	-	0.39225	-		-
54		Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	39 yr	0.02564	644	146	0.39225	(57)		(140)
55		Q	Process Plant Facilities and Equipment	304300	Struct & Imp-Treatment	39 yr	0.02564	(38)	18	0.39225	(7)		14
56		Q	Process Plant Facilities and Equipment	309000	Supply Mains	25 yr	0.02	-	(77)	0.39225	30		(19)
57		Q	Process Plant Facilities and Equipment	310000	Power Generation Equip	25 yr	0.02	3,368	1,292	0.39225	(507)		(783)
58		Q	Process Plant Facilities and Equipment	311200	Pump Equip Electric	25 yr	0.02	(68)	15	0.39225	(6)		28
59		Q	Process Plant Facilities and Equipment	320100	WT Equip Non-Media	25 yr	0.02	384	175	0.39225	(69)		(82)
60		Q	Process Plant Facilities and Equipment	344000	Laboratory Equipment	25 yr	0.02	(250)	(124)	0.39225	49		11
61													
62	TN	R	Capitalized Tank Rehabilitation/Painting	330003	Tank Repainting	25 yr	0.02	-	-	0.39225	-		-
63		R	Capitalized Tank Rehabilitation/Painting	320100	WT Equip Non-Media	25 yr	0.02	19,795	9,007	0.39225	(3,533)		(2,697)
64		R	Capitalized Tank Rehabilitation/Painting	330000	Dist Reservoirs & Standpipes	25 yr	0.02	217	(9)	0.39225	3		(75)
65		R	Capitalized Tank Rehabilitation/Painting	330200	Ground Level Tanks	25 yr	0.02	(4)	2	0.39225	(1)		2
66													
67	TN	S	Engineering Studies	331001	Transmission & Distribution Mains	25 yr	0.02	-	-	0.39225	-		-
68			Total Recurring Projects										
69													
70			ACQUISITIONS										
71													
72			Total Acquisitions										
73													
74			CENTRALLY SPONSORED PROJECTS										
75	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	3 yr	0.3333	-	-	0.39225	-		-
76	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate								
77			Total Centrally Sponsored Projects										
78													

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date July 14, 2013
Description TN BP 2014-2018 SCEP

Line #	Business Unit No.	Project Title	Account	Account Description	Tax Depr class life	Tax Depr Rate	Tax Depreciation	Tax over Book Depreciation	Tax Rate	Depreciation Deferred Tax (DTA, (DTL))	NOTES	Average Accum Dep
79		INVESTMENT PROJECTS										
80	TN	I26-020016		Meter shop Building Additions								
81	TN	I26-020017		Electrical Motor Efficiency Enhancement (\$2.9)								
82	TN	I26-020019		Interconnects Adjacent Water UD (\$0.6)								
83	TN	I12-020024		Install New Hill City Pumps (\$0.7)								
84	TN	I26-020025		Install 5,700' of 16"- East Braine (\$1.0)								
85	TN	I26-020026		5800'-16" Main in Navajo Dr. (\$1.0)								
86	TN	I26-020027		Construct 1.0MG Tank & 2500-16" ER (\$1.0)								
87	TN	I26-020030		5933 lf of 20" Ringgold Rd. at I-75 (\$2.1)								
88	TN	I26-020028		Citico Plant Improvements Phase 1B (\$8.6)								
89	TN	I26-020032		Wastewater Treatm't & Handling Impr (\$4.5)								
90	TN	I26-020033		Convert ER Reservoir to Pump Storag (\$0.25)								
91	TN	I26-020034		3000'-24" Tennessee River Crossing (\$0.5)								
92	TN	I26-020035		Repl Lktout Mtn Pump #4 (\$0.9)								
93	TN	I26-020036		New Office Building								
94	TN	I26-020022		Post Acquisition BD Capex								
95				IP Project Unbudgeted Capital								
96	TN	I26-000001	331001	Transmission & Distribution Mains	25 yr	0.02	-	-	0.39225			
97	TN	I26-000001	320200	Water Trmt Equip Filter Media	25 yr	0.02	-	-	0.39225			
98	TN	I26-000001	311520	Pumping Equipment SOS	25 yr	0.02	-	-	0.39225			
99	TN	I26-000001	304200	WT Equip Non-Media	5 yr	0.2	-	-	0.39225			
100												
101		Total DV Included:					\$ 73,156	\$ 22,106		\$ (8,671)	See note under DV above	\$ (16,430)
102												
103		Total DV Excluded:					\$ 73,156	\$ 22,106		\$ (8,671)		\$ (16,430)
104												
105		Total Surcharge Amt:					\$ 64,277	\$ 24,497		\$ (9,609)		\$ (12,328)
106												
107		SEC Total:					\$ 19,363	\$ 11,677		\$ (4,580)		\$ (2,386)
108												
109		EDI Total:					\$ 642	\$ 26		\$ (10)		\$ (224)
110												
111		QIIP Total:					\$ 44,272	\$ 12,794		\$ (5,018)		\$ (9,719)

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit Tennessee
Revision Date July 14, 2013
Description TN BP 2014-2018 SCEP

Line #		Business Unit No.	Project Title	Account	Account Description	Average Depreciation Deferred Tax (DTA, (DTL))	Actual Retirements	Actual COR Less Salvage
1			RECURRING PROJECTS					
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains	-	\$ -	\$ -
3	TN	DV		333000	Services	-	-	-
4	TN	DV		335000	Hydrants	-	-	-
5								
6	TN	A	Mains - New	331001	Transmission & Distribution Mains	-	-	-
7								
8	TN	B	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	(209)	-	4,129
9	TN	B		333000	Services	(0)	-	5,360
10	TN	B		335000	Hydrants	0	-	-
11								
12	TN	C	Mains - Unscheduled	331001	Transmission & Distribution Mains	(501)	(3,996)	13,826
13								
14	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains	(47)	-	6,061
15	TN	D		333000	Services	(0)	-	4,302
16	TN	D		335000	Hydrants	-	-	-
17								
18	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	(10)	-	-
19	TN	E		335000	Hydrants	9	-	-
20								
21	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	(1)	-	-
22	TN	F		335000	Hydrants	37	-	-
23								
24	TN	G	Services and Laterals - New	333000	Services	(348)	-	-
25								
26	TN	H	Services and Laterals - Replaced	333000	Services	(272)	-	-
27								
28	TN	I	Meters - New	334100	Meters	752	-	-
29	TN	I		334200	Meter Installations	40	-	-
30								
31	TN	J	Meters - Replaced	334100	Meters	281	-	-
32	TN	J		334200	Meter Installations	121	(1,923)	24,561
33								
34	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment	-	-	-
35								
36	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media	(205)	(12,365)	5,933
37		L	SCADA Equipment and Systems	340200	Computer & Peripheral Equipment	(50)	-	-
38		L	SCADA Equipment and Systems	346100	Comm Equip Non-Telephone	(153)	-	-
39		L	SCADA Equipment and Systems	346190	Remote Control & Instrument	(363)	-	-

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date July 14, 2013
Description TN BP 2014-2018 SCEP

Line #	Business Unit No.	Project Title	Account	Account Description	Average Depreciation Deferred Tax (DTA, (DTL))	Actual Retirements	Actual COR Less Salvage
40							
41	TN	M	Security Equipment and Systems	304500	Structures & Improvement - General	-	-
42							
43	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General	-	-
44							
45	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks	-	-
46	TN	O		341200	Transportation Equip Hvy Duty Trucks	-	-
47	TN	O		341300	Transportation Equip Autos	-	-
48							
49	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment	-	-
50							
51	TN	Q	Process Plant Facilities and Equipment	320200	Water Trmt Equip Filter Media	-	-
52	TN	Q	Process Plant Facilities and Equipment	311520	Pumping Equipment SOS	(15)	(33,609)
53	TN	Q	Process Plant Facilities and Equipment	340200	WT Equip Non-Media	-	-
54		Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	(16)	-
55		Q	Process Plant Facilities and Equipment	304300	Struct & Imp-Treatment	(3)	(4,987)
56		Q	Process Plant Facilities and Equipment	309000	Supply Mains	8	-
57		Q	Process Plant Facilities and Equipment	310000	Power Generation Equip	(191)	-
58		Q	Process Plant Facilities and Equipment	311200	Pump Equip Electric	(2)	(5,857)
59		Q	Process Plant Facilities and Equipment	320100	WT Equip Non-Media	(27)	(13,091)
60		Q	Process Plant Facilities and Equipment	344000	Laboratory Equipment	4	(147,279)
61							
62	TN	R	Capitalized Tank Rehabilitation/Painting	330003	Tank Repainting	-	-
63		R	Capitalized Tank Rehabilitation/Painting	320100	WT Equip Non-Media	(883)	-
64		R	Capitalized Tank Rehabilitation/Painting	330000	Dist Reservoirs & Standpipes	1	-
65		R	Capitalized Tank Rehabilitation/Painting	330200	Ground Level Tanks	(0)	(446)
66							
67	TN	S	Engineering Studies	331001	Transmission & Distribution Mains	-	-
68			Total Recurring Projects				
69							
70			ACQUISITIONS				
71							
72			Total Acquisitions				
73							
74			CENTRALLY SPONSORED PROJECTS				
75	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	-	-
76	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		
77			Total Centrally Sponsored Projects				
78							

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit Tennessee
Revision Date July 14, 2013
Description TN BP 2014-2018 SCEP

Line #	Business Unit No.	Project Title	Account	Account Description	Average Depreciation Deferred Tax (DTA, (DTL))	Actual Retirements	Actual COR Less Salvage
79		INVESTMENT PROJECTS					
80	TN	I26-020016		Meter shop Building Additions			
81	TN	I26-020017		Electrical Motor Efficiency Enhancement (\$2.9)			
82	TN	I26-020019		Interconnects Adjacent Water UD (\$0.6)			
83	TN	I12-020024		Install New Hill City Pumps (\$0.7)			
84	TN	I26-020025		Install 5,700' of 16"- East Braine (\$1.0)			
85	TN	I26-020026		5800'-16" Main in Navajo Dr. (\$1.0)			
86	TN	I26-020027		Construct 1.0MG Tank & 2500-16" ER (\$1.0)			
87	TN	I26-020030		5933 If of 20" Ringgold Rd. at I-75 (\$2.1)			
88	TN	I26-020028		Citico Plant Improvements Phase 1B (\$8.6)			
89	TN	I26-020032		Wastewater Treatm't & Handling Impr (\$4.5)			
90	TN	I26-020033		Convert ER Reservoir to Pump Storag (\$0.25)			
91	TN	I26-020034		3000'-24" Tennessee River Crossing (\$0.5)			
92	TN	I26-020035		Repl Lktout Mtn Pump #4 (\$0.9)			
93	TN	I26-020036		New Office Building			
94	TN	I26-020022		Post Acquisition BD Capex			
95				IP Project Unbudgeted Capital			
96	TN	I26-000001	331001	Whitwell Acquisition Capital Investment	Transmission & Distribution Mains		
97	TN	I26-000001	320200		Water Trmt Equip Filter Media		
98	TN	I26-000001	311520		Pumping Equipment SOS		
99	TN	I26-000001	304200		WT Equip Non-Media		
100							
101		Total DV Included:			\$ (2,045)	\$ (223,553)	\$ 67,768
102							
103		Total DV Excluded:			\$ (2,045)	\$ (223,553)	\$ 67,768
104							
105		Total Surcharge Amt:			\$ (2,489)	\$ (223,553)	\$ 67,768
106							
107		SEC Total:			\$ (1,014)	\$ (217,187)	\$ 8,550
108							
109		EDI Total:			\$ (1)	\$ -	\$ -
110							
111		QIIP Total:			\$ (1,474)	\$ (6,366)	\$ 59,218

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date July 14, 2013
Description TN BP 2014-2018 SCEP

Business Unit	Business Unit No.	Project Title	2014	Period 1	2	3	4	5	6	7	8
RECURRING PROJECTS											
Tennessee	DV	Projects Funded by Others	\$ 50,000	\$ 80,000	\$ 100,000	\$ 140,000	\$ 160,000	\$ 180,000	\$ 180,000	\$ 160,000	\$ 160,000
			112,757	91,378	76,667	106,667	133,333	160,000	173,333	173,333	173,333
Tennessee	A	Mains - New	-	-	-	8,000	15,000	20,000	20,000	20,000	15,000
Tennessee	B	Mains - Replaced / Restored	25,000	45,000	75,000	125,000	150,000	200,000	150,000	100,000	100,000
Tennessee	C	Mains - Unscheduled	62,000	80,000	95,000	36,000	50,000	80,000	85,000	80,000	80,000
Tennessee	D	Mains - Relocated	-	-	10,000	20,000	40,000	70,000	60,000	40,000	40,000
Tennessee	E	Hydrants, Valves, and Manholes - New	-	-	4,000	6,000	5,000	4,797	4,000	5,000	5,000
Tennessee	F	Hydrants, Valves, and Manholes - Replaced	5,000	15,000	30,000	40,000	45,000	65,000	53,034	40,000	40,000
Tennessee	G	Services and Laterals - New	19,660	22,880	32,880	36,270	46,270	59,490	32,880	29,490	29,490
Tennessee	H	Services and Laterals - Replaced	18,200	18,200	18,200	18,200	18,300	18,300	18,300	18,200	18,200
Tennessee	I	Meters - New	40,000	40,000	48,000	52,000	58,000	58,015	47,600	47,800	47,800
Tennessee	J	Meters - Replaced	45,000	45,000	60,385	60,385	60,385	60,385	60,385	60,385	60,385
Tennessee	K	ITS Equipment and Systems	-	5,000	10,000	15,000	10,000	5,000	15,000	20,000	20,000
Tennessee	L	SCADA Equipment and Systems	5,000	10,000	15,000	25,000	20,000	15,000	15,414	20,000	20,000
Tennessee	M	Security Equipment and Systems	10,833	10,833	10,833	10,833	10,833	10,833	10,833	10,833	10,833
Tennessee	N	Offices and Operations Centers	-	-	-	-	-	1,200	2,500	5,000	5,000
Tennessee	O	Vehicles	-	-	-	-	-	30,000	90,000	40,000	40,000
Tennessee	P	Tools and Equipment	-	-	-	-	3,360	7,000	10,000	5,000	5,000
Tennessee	Q	Process Plant Facilities and Equipment	37,500	37,500	75,000	75,000	75,000	75,000	85,000	85,000	85,000
Tennessee	R	Capitalized Tank Rehabilitation/Painting	10,000	50,000	120,000	70,000	20,000	5,000	5,000	15,000	15,000
Tennessee	S	Engineering Studies	10,000	15,554	15,000	10,000	10,000	5,000	-	-	-
Total Recurring Projects			-	-	-	-	-	-	-	-	-
ACQUISITIONS											
Tennessee		Total Acquisitions	-	-	-	-	-	-	-	-	-
CENTRALLY SPONSORED PROJECTS											
Tennessee	T26-0202	Business Transformation 2010 - 2014	39,782	38,775	38,699						
Tennessee	T26-0203	Business Transformation 2010 - 2014									
Total Centrally Sponsored Projects			<u>\$ 39,782</u>	<u>\$ 38,775</u>	<u>\$ 38,699</u>	-	-	-	-	-	-
INVESTMENT PROJECTS											
		Total									
		In Service Date									
Tennessee	I26-020016	Metershop Building Additions	1,300,000	12/31/16							
Tennessee	I26-020017	Electrical Motor Efficiency Enhancement (\$2.9)	2,900,000	12/31/17							
Tennessee	I26-020019	Interconnects Adjacent Water UD (\$0.6)	600,000	12/31/16							
Tennessee	I12-020024	Install New Hill City Pumps (\$0.7)	700,000	12/31/17							
Tennessee	I26-020025	Install 5,700' of 16"- East Braine (\$1.0)	1,000,000	12/31/16							
Tennessee	I26-020026	5800'-16" Main in Navajo Dr. (\$1.0)	1,000,000	12/31/17							
Tennessee	I26-020027	Construct 1.0MG Tank & 2500-16" ER (\$1.0)	-								
Tennessee	I26-020030	5933 If of 20" Ringgold Rd. at I-75 (\$2.1)	1,000,000	12/31/13							
Tennessee	I26-020031	Citico Plant Improvements Phase 1B (\$8.6)	4,500,000	6/30/15				15,000	35,000	50,000	150,000
Tennessee	I26-020032	Wastewater Treatm't & Handling Impr (\$4.5)	900,000	4/30/15	20,000	25,000	35,000	30,000	15,000	50,000	250,000
Tennessee	I26-020033	Convert ER Reservoir to Pump Storag (\$0.25)	-								
Tennessee	I26-020034	3000'-24" Tennessee River Crossing (\$0.5)	500,000	12/31/17							
Tennessee	I26-020035	Repl Lktout Mtn Pump #4 (\$0.9)	900,000	12/31/16							
Tennessee	I26-020036	New Office Building	-								
Tennessee	I26-020022	Post Acquisition BD Capex	1,080,000		20,286	20,286	20,286	20,286	20,286	20,286	21,186
Tennessee		IP Project Unbudgeted Capital									
Tennessee		Whitwell Acquisition Capital Investment	1,200,000	12/31/14	20,000	40,000	40,000	60,000	80,000	120,000	180,000
Total Investment Projects			<u>\$ 60,286</u>	<u>\$ 85,286</u>	<u>\$ 95,286</u>	<u>\$ 110,286</u>	<u>\$ 130,286</u>	<u>\$ 225,286</u>	<u>\$ 370,286</u>	<u>\$ 601,186</u>	
Total Investment and Centrally Sponsored Projects			<u>\$ 100,068</u>	<u>\$ 124,061</u>	<u>\$ 133,985</u>	<u>\$ 110,286</u>	<u>\$ 130,286</u>	<u>\$ 225,286</u>	<u>\$ 370,286</u>	<u>\$ 601,186</u>	
Contributions			(80,000)	(90,000)	(110,000)	(90,000)	(80,000)	(90,000)	(100,000)	(90,000)	
Advances			(20,000)	(20,000)	(30,000)	(40,000)	(50,000)	(50,000)	(40,000)	(35,000)	
Total Refunds			20,000	30,000	40,000	60,000	40,000	35,000	40,000	50,000	
Gross minus BT			<u>\$ 110,286</u>	<u>\$ 165,286</u>	<u>\$ 195,286</u>	<u>\$ 250,286</u>	<u>\$ 290,286</u>	<u>\$ 405,286</u>	<u>\$ 550,286</u>	<u>\$ 761,186</u>	
			(80,000)	(80,000)	(100,000)	(70,000)	(90,000)	(105,000)	(100,000)	(75,000)	

Net minus BT	<u>\$ 30,286</u>	<u>\$ 85,286</u>	<u>\$ 95,286</u>	<u>\$ 180,286</u>	<u>\$ 200,286</u>	<u>\$ 300,286</u>	<u>\$ 450,286</u>	<u>\$ 686,186</u>
Gross plus BT	<u>\$ 150,068</u>	<u>\$ 204,061</u>	<u>\$ 233,985</u>	<u>\$ 250,286</u>	<u>\$ 290,286</u>	<u>\$ 405,286</u>	<u>\$ 550,286</u>	<u>\$ 761,186</u>
	<u>(80,000)</u>	<u>(80,000)</u>	<u>(100,000)</u>	<u>(70,000)</u>	<u>(90,000)</u>	<u>(105,000)</u>	<u>(100,000)</u>	<u>(75,000)</u>
Net plus BT	<u>\$ 70,068</u>	<u>\$ 124,061</u>	<u>\$ 133,985</u>	<u>\$ 180,286</u>	<u>\$ 200,286</u>	<u>\$ 300,286</u>	<u>\$ 450,286</u>	<u>\$ 686,186</u>

*Dollar amounts from TAWC's Annual Capital Planning Process

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date July 14, 2013
Description TN BP 2014-2018 SCEP

						U.S. \$			
Business Unit	Business Unit No.	Project Title	9	10	11	12	Total	2014	Surcharge Category
RECURRING PROJECTS									
Tennessee	DV	Projects Funded by Others	\$ 160,000	\$ 140,000	\$ 90,000	\$ 60,000	\$ 1,500,000		
			166,667	153,333	130,000	96,667			
Tennessee	A	Mains - New	10,000	3,166		-	91,166		EDI
Tennessee	B	Mains - Replaced / Restored	100,000	80,000	63,192	35,000	1,148,192		QIIP
Tennessee	C	Mains - Unscheduled	60,000	60,000	62,000	50,000	800,000		QIIP
Tennessee	D	Mains - Relocated	10,000		-	-	250,000		QIIP
Tennessee	E	Hydrants, Valves, and Manholes - New	6,000	5,000	3,000	-	42,797		EDI
Tennessee	F	Hydrants, Valves, and Manholes - Replaced	30,000	25,000	10,000	7,000	365,034		QIIP
Tennessee	G	Services and Laterals - New	26,270	36,270	62,710	55,930	461,000		EDI
Tennessee	H	Services and Laterals - Replaced	18,200	27,300	27,300	27,300	246,000		QIIP
Tennessee	I	Meters - New	46,000	45,000	40,000	40,000	562,415		EDI
Tennessee	J	Meters - Replaced	60,384	60,384	45,000	45,000	663,078		QIIP
Tennessee	K	ITS Equipment and Systems	28,662	25,000	10,000	5,000	148,662		
Tennessee	L	SCADA Equipment and Systems	25,000	20,000	10,000	5,000	185,414		SEC
Tennessee	M	Security Equipment and Systems	10,833	10,833	10,833	10,833	130,000		SEC
Tennessee	N	Offices and Operations Centers	5,000	5,000	2,500	1,800	23,000		
Tennessee	O	Vehicles	25,000	106,293	50,000	41,000	382,293		EDI
Tennessee	P	Tools and Equipment	2,500	1,663			29,523		
Tennessee	Q	Process Plant Facilities and Equipment	85,000	75,000	55,490	37,500	797,990		SEC
Tennessee	R	Capitalized Tank Rehabilitation/Painting	20,000	40,000	65,000	30,000	450,000		QIIP
Tennessee	S	Engineering Studies					65,554		
		Total Recurring Projects	-	-	-	-	\$ 6,842,118		
ACQUISITIONS									
Tennessee		Total Acquisitions	-	-	-	-	-		
CENTRALLY SPONSORED PROJECTS									
Tennessee	T26-0202	Business Transformation 2010 - 2014			-	-	117,256		
Tennessee	T26-0203	Business Transformation 2010 - 2014							
		Total Centrally Sponsored Projects	-	-	-	-	\$ 117,256		
INVESTMENT PROJECTS									
Tennessee	I26-020016	Metershop Building Additions					-		
Tennessee	I26-020017	Electrical Motor Efficiency Enhancement (\$2.9)					-		
Tennessee	I26-020019	Interconnects Adjacent Water UD (\$0.6)					-		
Tennessee	I12-020024	Install New Hill City Pumps (\$0.7)				-	-		SEC
Tennessee	I26-020025	Install 5,700' of 16"- East Braine (\$1.0)					-		
Tennessee	I26-020026	5800'-16" Main in Navajo Dr. (\$1.0)					-		
Tennessee	I26-020027	Construct 1.0MG Tank & 2500'-16" ER (\$1.0)					-		
Tennessee	I26-020030	5933 lf of 20" Ringgold Rd. at I-75 (\$2.1)					-		
Tennessee	I26-020031	Citico Plant Improvements Phase 1B (\$8.6)	450,000	650,000	750,000	900,000	3,000,000		QIIP
Tennessee	I26-020032	Wastewater Treatm't & Handling Impr (\$4.5)	500,000	450,000	350,000	125,000	2,000,000		SEC
Tennessee	I26-020033	Convert ER Reservoir to Pump Storag (\$0.25)					-		
Tennessee	I26-020034	3000'-24" Tennessee River Crossing (\$0.5)					-		EDI
Tennessee	I26-020035	Repl Lktout Mtn Pump #4 (\$0.9)					-		QIIP
Tennessee	I26-020036	New Office Building					-		
Tennessee	I26-020022	Post Acquisition BD Capex	21,261	18,726	18,726	18,725	240,626		
Tennessee		IP Project Unbudgeted Capital					-		
Tennessee		Whitwell Acquisition Capital Investment	200,000	150,000	120,000	40,000	1,200,000		QIIP
		Total Investment Projects	\$ 1,171,261	\$ 1,268,726	\$ 1,238,726	\$ 1,083,725	\$ 6,440,626		
		Total Investment and Centrally Sponsored Projects	\$ 1,171,261	\$ 1,268,726	\$ 1,238,726	\$ 1,083,725	\$ 6,557,882		
		Contributions	(80,000)	(70,000)	(60,000)	(60,000)	(1,000,000)		
		Advances	(35,000)	(30,000)	(30,000)	(20,000)	(400,000)		
		Total Refunds	60,000	50,000	40,000	35,000	500,000		
							-		
		Gross minus BT	\$ 1,331,261	\$ 1,408,726	\$ 1,328,726	\$ 1,143,725	\$ 14,782,744		
			(55,000)	(50,000)	(50,000)	(45,000)	(900,000)		

Net minus BT	<u>\$ 1,276,261</u>	<u>\$ 1,358,726</u>	<u>\$ 1,278,726</u>	<u>\$ 1,098,725</u>	<u>\$ 13,882,744</u>
Gross plus BT	<u>\$ 1,331,261</u>	<u>\$ 1,408,726</u>	<u>\$ 1,328,726</u>	<u>\$ 1,143,725</u>	<u>\$ 14,900,000</u>
	<u>(55,000)</u>	<u>(50,000)</u>	<u>(50,000)</u>	<u>(45,000)</u>	<u>(900,000)</u>
Net plus BT	<u>\$ 1,276,261</u>	<u>\$ 1,358,726</u>	<u>\$ 1,278,726</u>	<u>\$ 1,098,725</u>	<u>\$ 14,000,000</u>

*Dollar amounts from TAWC's Annual Capital Planning Process

Type	Period	WBS	Description	In-Service Date	Profit center	Project #	Utility account	UA Naruc	Amount	Eligibility
ADDITION	4	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	331001	TD Mains Not Classified	36,602.35	QIIP
ADDITION	6	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	335000	Hydrants	0.27	QIIP
ADDITION	4	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	331001	TD Mains Not Classified	(253.05)	QIIP
ADDITION	6	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	333000	Services	0.30	QIIP
ADDITION	6	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	333000	Services	1.41	QIIP
ADDITION	6	R26-02B1.14-P-0004	DAYTON BLVD 2-6" STUB OUTS FOR FUTU	5/9/2014	2602	B	331001	TD Mains Not Classified	530.54	QIIP
ADDITION	6	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	331001	TD Mains Not Classified	1,156.46	QIIP
ADDITION	4	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	331001	TD Mains Not Classified	7.31	QIIP
ADDITION	6	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	331001	TD Mains Not Classified	120.68	QIIP
ADDITION	6	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	333000	Services	5.78	QIIP
ADDITION	6	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	333000	Services	30.31	QIIP
ADDITION	6	R26-02B1.14-P-0004	DAYTON BLVD 2-6" STUB OUTS FOR FUTU	5/9/2014	2602	B	331001	TD Mains Not Classified	1,266.23	QIIP
ADDITION	6	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	331001	TD Mains Not Classified	6,349.65	QIIP
ADDITION	4	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	331001	TD Mains Not Classified	2,100.77	QIIP
ADDITION	6	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	333000	Services	30.88	QIIP
ADDITION	6	R26-02B1.14-P-0004	DAYTON BLVD 2-6" STUB OUTS FOR FUTU	5/9/2014	2602	B	331001	TD Mains Not Classified	4,446.32	QIIP
ADDITION	6	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	333000	Services	281.99	QIIP
ADDITION	6	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	331001	TD Mains Not Classified	24,252.86	QIIP
ADDITION	6	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	335000	Hydrants	5.21	QIIP
ADDITION	6	R26-02B1.14-P-0004	DAYTON BLVD 2-6" STUB OUTS FOR FUTU	5/9/2014	2602	B	331001	TD Mains Not Classified	(5,263.97)	QIIP
ADDITION	6	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	331001	TD Mains Not Classified	(6,252.23)	QIIP
ADDITION	6	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	331001	TD Mains Not Classified	(23,820.32)	QIIP
ADDITION	6	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	331001	TD Mains Not Classified	2,606.58	QIIP
ADDITION	5	R26-02B1.14-P-0004	DAYTON BLVD 2-6" STUB OUTS FOR FUTU	5/9/2014	2602	B	331001	TD Mains Not Classified	17,000.17	QIIP
ADDITION	5	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	331001	TD Mains Not Classified	45.81	QIIP
ADDITION	5	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	331001	TD Mains Not Classified	46.22	QIIP
ADDITION	5	R26-02B1.14-P-0004	DAYTON BLVD 2-6" STUB OUTS FOR FUTU	5/9/2014	2602	B	331001	TD Mains Not Classified	45.45	QIIP
ADDITION	5	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	331001	TD Mains Not Classified	120.94	QIIP
ADDITION	5	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	331001	TD Mains Not Classified	75.68	QIIP
ADDITION	5	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	331001	TD Mains Not Classified	33,635.30	QIIP
ADDITION	4	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	331001	TD Mains Not Classified	22,796.65	QIIP
ADDITION	5	R26-02B1.14-P-0004	DAYTON BLVD 2-6" STUB OUTS FOR FUTU	5/9/2014	2602	B	331001	TD Mains Not Classified	929.89	QIIP
ADDITION	5	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	331001	TD Mains Not Classified	2,868.56	QIIP
ADDITION	5	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	331001	TD Mains Not Classified	1,581.38	QIIP
ADDITION	5	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	331001	TD Mains Not Classified	(36,602.35)	QIIP
ADDITION	6	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	335000	Hydrants	28.61	QIIP
ADDITION	6	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	333000	Services	31.73	QIIP
ADDITION	6	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	333000	Services	37.62	QIIP
ADDITION	6	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	331001	TD Mains Not Classified	3,235.35	QIIP
ADDITION	6	R26-02B1.14-P-0004	DAYTON BLVD 2-6" STUB OUTS FOR FUTU	5/9/2014	2602	B	331001	TD Mains Not Classified	55.02	QIIP
ADDITION	6	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	331001	TD Mains Not Classified	6,179.28	QIIP
ADDITION	6	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	335000	Hydrants	27.84	QIIP
ADDITION	5	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	331001	TD Mains Not Classified	11.05	QIIP
ADDITION	5	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	331001	TD Mains Not Classified	10.94	QIIP
ADDITION	5	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	331001	TD Mains Not Classified	(12,071.66)	QIIP
ADDITION	6	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	331001	TD Mains Not Classified	60.00	QIIP
ADDITION	5	R26-02B1.14-P-0004	DAYTON BLVD 2-6" STUB OUTS FOR FUTU	5/9/2014	2602	B	331001	TD Mains Not Classified	5,263.16	QIIP
ADDITION	5	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	331001	TD Mains Not Classified	24,552.25	QIIP
ADDITION	5	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	331001	TD Mains Not Classified	6,233.29	QIIP
ADDITION	5	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	331001	TD Mains Not Classified	43,119.31	QIIP
ADDITION	4	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	331001	TD Mains Not Classified	91,982.70	QIIP
ADDITION	9	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	331001	TD Mains Not Classified	6,057.36	QIIP
ADDITION	9	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	335000	Hydrants	49.17	QIIP
ADDITION	9	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	333000	Services	67.38	QIIP
ADDITION	9	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	333000	Services	2.86	QIIP
ADDITION	9	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	331001	TD Mains Not Classified	580.91	QIIP
ADDITION	8	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	331001	TD Mains Not Classified	(23,679.59)	QIIP
ADDITION	9	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	331001	TD Mains Not Classified	(23,607.74)	QIIP
ADDITION	9	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	335000	Hydrants	(191.62)	QIIP
ADDITION	9	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	333000	Services	(262.61)	QIIP
ADDITION	9	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	335000	Hydrants	4.72	QIIP
ADDITION	9	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	331001	TD Mains Not Classified	256.88	QIIP
ADDITION	9	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	335000	Hydrants	2.09	QIIP
ADDITION	8	R26-02B1.14-P-0004	DAYTON BLVD 2-6" STUB OUTS FOR FUTU	5/9/2014	2602	B	331001	TD Mains Not Classified	(4,705.26)	QIIP
ADDITION	8	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	335000	Hydrants	191.62	QIIP

Type	Period	WBS	Description	In-Service Date	Profit center	Project #	Utility account	UA Naruc	Amount	Eligibility
ADDITION	8	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	333000	Services	262.61	QIIP
ADDITION	8	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	331001	TD Mains Not Classified	23,607.74	QIIP
ADDITION	9	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	331001	TD Mains Not Classified	8,145.09	QIIP
ADDITION	9	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	333000	Services	90.61	QIIP
ADDITION	9	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	335000	Hydrants	66.11	QIIP
ADDITION	8	R26-02B1.14-P-0004	DAYTON BLVD 2-6" STUB OUTS FOR FUTU	5/9/2014	2602	B	331001	TD Mains Not Classified	142.60	QIIP
ADDITION	9	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	333000	Services	6.46	QIIP
ADDITION	7	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	331001	TD Mains Not Classified	60,212.30	QIIP
ADDITION	7	R26-02B1.14-P-0004	DAYTON BLVD 2-6" STUB OUTS FOR FUTU	5/9/2014	2602	B	331001	TD Mains Not Classified	(16.65)	QIIP
ADDITION	7	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	333000	Services	(0.42)	QIIP
ADDITION	7	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	331001	TD Mains Not Classified	(36.52)	QIIP
ADDITION	7	R26-02B1.14-P-0004	DAYTON BLVD 2-6" STUB OUTS FOR FUTU	5/9/2014	2602	B	331001	TD Mains Not Classified	6,255.26	QIIP
ADDITION	7	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	331001	TD Mains Not Classified	23,679.59	QIIP
ADDITION	7	R26-02B1.14-P-0004	DAYTON BLVD 2-6" STUB OUTS FOR FUTU	5/9/2014	2602	B	331001	TD Mains Not Classified	431.04	QIIP
ADDITION	7	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	331001	TD Mains Not Classified	2,496.11	QIIP
ADDITION	7	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	333000	Services	(0.05)	QIIP
ADDITION	7	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	331001	TD Mains Not Classified	(4.04)	QIIP
ADDITION	7	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	331001	TD Mains Not Classified	846.20	QIIP
ADDITION	7	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	335000	Hydrants	3.81	QIIP
ADDITION	7	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	333000	Services	4.23	QIIP
ADDITION	7	R26-02B1.14-P-0001	Work Order	1/0/1900	2602	B	331001	TD Mains Not Classified	1,327.28	QIIP
ADDITION	7	R26-02B1.14-P-0004	DAYTON BLVD 2-6" STUB OUTS FOR FUTU	5/9/2014	2602	B	331001	TD Mains Not Classified	4,701.89	QIIP
ADDITION	7	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	331001	TD Mains Not Classified	9,197.79	QIIP
ADDITION	7	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	331001	TD Mains Not Classified	24,304.84	QIIP
ADDITION	7	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	331001	TD Mains Not Classified	(7.43)	QIIP
ADDITION	7	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	335000	Hydrants	41.44	QIIP
ADDITION	7	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	333000	Services	45.96	QIIP
ADDITION	7	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	333000	Services	(0.09)	QIIP
ADDITION	12	R26-02B1.13-P-0021	INSTALL 645'-6" MAIN IN CRESCENT PA	8/14/2014	2602	B	333000	Services	(3.46)	QIIP
ADDITION	12	R26-02B1.14-P-0007	Sunbeam Ave Main Replacement. Inst	10/29/2014	2602	B	333000	Services	221.73	QIIP
ADDITION	12	R26-02B1.14-P-0007	Sunbeam Ave Main Replacement. Inst	10/29/2014	2602	B	335000	Hydrants	605.74	QIIP
ADDITION	12	R26-05B1.14-P-0002	W. GEORGIA AVE MAIN REPLACEMENT	11/20/2014	2605	B	331001	TD Mains Not Classified	96.70	QIIP
ADDITION	12	R26-05B1.14-P-0002	W. GEORGIA AVE MAIN REPLACEMENT	11/20/2014	2605	B	335000	Hydrants	(18.49)	QIIP
ADDITION	12	R26-02B1.13-P-0020	INSTALL 860'-8" MAIN & FH IN CASTLE	8/15/2014	2602	B	335000	Hydrants	(203.37)	QIIP
ADDITION	12	R26-02B1.13-P-0022	INSTALL 575' -6" MAIN IN 1ST AVENUE	9/12/2014	2602	B	331001	TD Mains Not Classified	(370.40)	QIIP
ADDITION	12	R26-02B1.14-P-0007	Sunbeam Ave Main Replacement. Inst	10/29/2014	2602	B	331001	TD Mains Not Classified	4,843.86	QIIP
ADDITION	12	R26-02B1.14-P-0007	Sunbeam Ave Main Replacement. Inst	10/29/2014	2602	B	335000	Hydrants	96.78	QIIP
ADDITION	12	R26-02B1.13-P-0020	INSTALL 860'-8" MAIN & FH IN CASTLE	8/15/2014	2602	B	331001	TD Mains Not Classified	(151.92)	QIIP
ADDITION	12	R26-02B1.14-P-0007	Sunbeam Ave Main Replacement. Inst	10/29/2014	2602	B	335000	Hydrants	399.10	QIIP
ADDITION	12	R26-05B1.14-P-0002	W. GEORGIA AVE MAIN REPLACEMENT	11/20/2014	2605	B	331001	TD Mains Not Classified	(277.35)	QIIP
ADDITION	10	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	335000	Hydrants	(66.11)	QIIP
ADDITION	12	R26-02B1.14-P-0007	Sunbeam Ave Main Replacement. Inst	10/29/2014	2602	B	335000	Hydrants	21.97	QIIP
ADDITION	12	R26-02B1.14-P-0007	Sunbeam Ave Main Replacement. Inst	10/29/2014	2602	B	333000	Services	(4.52)	QIIP
ADDITION	12	R26-02B1.14-P-0007	Sunbeam Ave Main Replacement. Inst	10/29/2014	2602	B	333000	Services	336.53	QIIP
ADDITION	12	R26-02B1.14-P-0007	Sunbeam Ave Main Replacement. Inst	10/29/2014	2602	B	335000	Hydrants	(8.13)	QIIP
ADDITION	12	R26-02B1.13-P-0022	INSTALL 575' -6" MAIN IN 1ST AVENUE	9/12/2014	2602	B	333000	Services	(35.97)	QIIP
ADDITION	12	R26-05B1.14-P-0002	W. GEORGIA AVE MAIN REPLACEMENT	11/20/2014	2605	B	335000	Hydrants	6.44	QIIP
ADDITION	12	R26-02B1.13-P-0021	INSTALL 645'-6" MAIN IN CRESCENT PA	8/14/2014	2602	B	331001	TD Mains Not Classified	(12.99)	QIIP
ADDITION	12	R26-05B1.14-P-0002	W. GEORGIA AVE MAIN REPLACEMENT	11/20/2014	2605	B	331001	TD Mains Not Classified	58,005.06	QIIP
ADDITION	12	R26-05B1.14-P-0002	W. GEORGIA AVE MAIN REPLACEMENT	11/20/2014	2605	B	335000	Hydrants	3,867.01	QIIP
ADDITION	12	R26-02B1.13-P-0021	INSTALL 645'-6" MAIN IN CRESCENT PA	8/14/2014	2602	B	333000	Services	9,407.96	QIIP
ADDITION	10	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	333000	Services	(90.61)	QIIP
ADDITION	12	R26-02B1.13-P-0020	INSTALL 860'-8" MAIN & FH IN CASTLE	8/15/2014	2602	B	335000	Hydrants	13,503.20	QIIP
ADDITION	12	R26-02B1.14-P-0007	Sunbeam Ave Main Replacement. Inst	10/29/2014	2602	B	331001	TD Mains Not Classified	19,977.22	QIIP
ADDITION	12	R26-02B1.13-P-0022	INSTALL 575' -6" MAIN IN 1ST AVENUE	9/12/2014	2602	B	335000	Hydrants	4,426.04	QIIP
ADDITION	12	R26-02B1.13-P-0021	INSTALL 645'-6" MAIN IN CRESCENT PA	8/14/2014	2602	B	331001	TD Mains Not Classified	35,279.86	QIIP
ADDITION	12	R26-02B1.14-P-0007	Sunbeam Ave Main Replacement. Inst	10/29/2014	2602	B	331001	TD Mains Not Classified	1,099.47	QIIP
ADDITION	12	R26-02B1.13-P-0020	INSTALL 860'-8" MAIN & FH IN CASTLE	8/15/2014	2602	B	333000	Services	3,928.19	QIIP
ADDITION	12	R26-02B1.13-P-0020	INSTALL 860'-8" MAIN & FH IN CASTLE	8/15/2014	2602	B	331001	TD Mains Not Classified	68,252.61	QIIP
ADDITION	12	R26-02B1.14-P-0007	Sunbeam Ave Main Replacement. Inst	10/29/2014	2602	B	333000	Services	12.20	QIIP
ADDITION	10	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	331001	TD Mains Not Classified	(8,145.09)	QIIP
ADDITION	12	R26-02B1.14-P-0007	Sunbeam Ave Main Replacement. Inst	10/29/2014	2602	B	331001	TD Mains Not Classified	30,320.70	QIIP
ADDITION	12	R26-02B1.14-P-0007	Sunbeam Ave Main Replacement. Inst	10/29/2014	2602	B	331001	TD Mains Not Classified	(407.06)	QIIP
ADDITION	12	R26-02B1.13-P-0020	INSTALL 860'-8" MAIN & FH IN CASTLE	8/15/2014	2602	B	333000	Services	(59.16)	QIIP
ADDITION	12	R26-02B1.13-P-0021	INSTALL 645'-6" MAIN IN CRESCENT PA	8/14/2014	2602	B	331001	TD Mains Not Classified	(606.63)	QIIP

Type	Period	WBS	Description	In-Service Date	Profit center	Project #	Utility account	UA Naruc	Amount	Eligibility
ADDITION	12	R26-02B1.13-P-0022	INSTALL 575' -6" MAIN IN 1ST AVENUE	9/12/2014	2602	B	333000	Services	(14.56)	QIIP
ADDITION	12	R26-02B1.13-P-0022	INSTALL 575' -6" MAIN IN 1ST AVENUE	9/12/2014	2602	B	335000	Hydrants	(13.11)	QIIP
ADDITION	12	R26-02B1.13-P-0020	INSTALL 860'-8" MAIN & FH IN CASTLE	8/15/2014	2602	B	333000	Services	(8.74)	QIIP
ADDITION	12	R26-02B1.13-P-0020	INSTALL 860'-8" MAIN & FH IN CASTLE	8/15/2014	2602	B	331001	TD Mains Not Classified	(1,027.88)	QIIP
ADDITION	12	R26-02B1.14-P-0007	Sunbeam Ave Main Replacement. Inst	10/29/2014	2602	B	333000	Services	53.76	QIIP
ADDITION	12	R26-02B1.13-P-0021	INSTALL 645'-6" MAIN IN CRESCENT PA	8/14/2014	2602	B	333000	Services	(161.77)	QIIP
ADDITION	12	R26-02B1.13-P-0022	INSTALL 575' -6" MAIN IN 1ST AVENUE	9/12/2014	2602	B	335000	Hydrants	(32.37)	QIIP
ADDITION	12	R26-05B1.14-P-0002	W. GEORGIA AVE MAIN REPLACEMENT	11/20/2014	2605	B	331001	TD Mains Not Classified	13,047.01	QIIP
ADDITION	12	R26-05B1.14-P-0002	W. GEORGIA AVE MAIN REPLACEMENT	11/20/2014	2605	B	335000	Hydrants	869.80	QIIP
ADDITION	12	R26-02B1.13-P-0020	INSTALL 860'-8" MAIN & FH IN CASTLE	8/15/2014	2602	B	335000	Hydrants	(30.05)	QIIP
ADDITION	12	R26-02B1.13-P-0022	INSTALL 575' -6" MAIN IN 1ST AVENUE	9/12/2014	2602	B	331001	TD Mains Not Classified	(150.02)	QIIP
ADDITION	11	R26-02B1.14-P-0005	Silverdale Wrkhouse 12" main instal	8/18/2014	2602	B	331001	TD Mains Not Classified	104,905.23	QIIP
ADDITION	11	R26-02B1.14-P-0005	Silverdale Wrkhouse 12" main instal	8/18/2014	2602	B	331001	TD Mains Not Classified	8,147.98	QIIP
ADDITION	12	R26-02B1.14-P-0007	Sunbeam Ave Main Replacement. Inst	10/29/2014	2602	B	331001	TD Mains Not Classified	51,365.06	QIIP
ADDITION	12	R26-02B1.14-P-0007	Sunbeam Ave Main Replacement. Inst	10/29/2014	2602	B	335000	Hydrants	1,026.16	QIIP
ADDITION	12	R26-02B1.13-P-0022	INSTALL 575' -6" MAIN IN 1ST AVENUE	9/12/2014	2602	B	333000	Services	4,917.82	QIIP
ADDITION	12	R26-02B1.13-P-0022	INSTALL 575' -6" MAIN IN 1ST AVENUE	9/12/2014	2602	B	331001	TD Mains Not Classified	50,653.66	QIIP
ADDITION	12	R26-02B1.14-P-0007	Sunbeam Ave Main Replacement. Inst	10/29/2014	2602	B	333000	Services	570.08	QIIP
ADDITION	12	R26-02B1.14-P-0005	Silverdale Wrkhouse 12" main instal	8/18/2014	2602	B	331001	TD Mains Not Classified	6,110.99	QIIP
ADDITION	12	R26-02B1.14-P-0005	Silverdale Wrkhouse 12" main instal	8/18/2014	2602	B	331001	TD Mains Not Classified	2,036.99	QIIP
ADDITION	12	R26-02B1.14-P-0005	Silverdale Wrkhouse 12" main instal	8/18/2014	2602	B	331001	TD Mains Not Classified	98,794.24	QIIP
ADDITION	12	R26-02B1.14-P-0005	Silverdale Wrkhouse 12" main instal	8/18/2014	2602	B	331001	TD Mains Not Classified	6,110.99	QIIP
ADDITION	12	R26-02B1.14-P-0004	DAYTON BLVD 2-6" STUB OUTS FOR FUTU	5/9/2014	2602	B	331001	TD Mains Not Classified	1,460.77	QIIP
ADDITION	12	R26-02B1.14-P-0004	DAYTON BLVD 2-6" STUB OUTS FOR FUTU	5/9/2014	2602	B	331001	TD Mains Not Classified	29,620.92	QIIP
ADDITION	12	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	333000	Services	1,026.36	QIIP
ADDITION	12	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	331001	TD Mains Not Classified	1,262.90	QIIP
ADDITION	12	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	335000	Hydrants	748.94	QIIP
ADDITION	12	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	331001	TD Mains Not Classified	91,002.88	QIIP
ADDITION	12	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	333000	Services	765.97	QIIP
ADDITION	12	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	331001	TD Mains Not Classified	566.76	QIIP
ADDITION	12	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	331001	TD Mains Not Classified	65,312.34	QIIP
ADDITION	12	R26-02B1.12-P-0021	AUBERNDALE MAIN EXTENSION	1/23/2013	2602	B	333000	Services	693.59	QIIP
ADDITION	12	R26-02B1.12-P-0021	AUBERNDALE MAIN EXTENSION	1/23/2013	2602	B	331001	TD Mains Not Classified	1,071.20	QIIP
ADDITION	12	R26-02B1.12-P-0021	AUBERNDALE MAIN EXTENSION	1/23/2013	2602	B	331001	TD Mains Not Classified	119,375.38	QIIP
ADDITION	12	R26-02B1.12-P-0013	HARLEY LANE MAIN EXTENSION	10/10/2012	2602	B	331001	TD Mains Not Classified	944.99	QIIP
ADDITION	12	R26-02B1.12-P-0013	HARLEY LANE MAIN EXTENSION	10/10/2012	2602	B	335000	Hydrants	710.75	QIIP
ADDITION	12	R26-02B1.12-P-0013	HARLEY LANE MAIN EXTENSION	10/10/2012	2602	B	331001	TD Mains Not Classified	60,482.91	QIIP
ADDITION	12	R26-02B1.12-P-0008	MAIN EXTENSION LOVELL AVE	9/13/2012	2602	B	333000	Services	719.58	QIIP
ADDITION	12	R26-02B1.12-P-0008	MAIN EXTENSION LOVELL AVE	9/13/2012	2602	B	335000	Hydrants	1,006.02	QIIP
ADDITION	12	R26-02B1.12-P-0008	MAIN EXTENSION LOVELL AVE	9/13/2012	2602	B	331001	TD Mains Not Classified	2,701.79	QIIP
ADDITION	12	R26-02B1.12-P-0008	MAIN EXTENSION LOVELL AVE	9/13/2012	2602	B	335000	Hydrants	1,476.90	QIIP
ADDITION	12	R26-02B1.12-P-0008	MAIN EXTENSION LOVELL AVE	9/13/2012	2602	B	331001	TD Mains Not Classified	59,039.00	QIIP
ADDITION	12	R26-02B1.14-P-0004	DAYTON BLVD 2-6" STUB OUTS FOR FUTU	5/9/2014	2602	B	331001	TD Mains Not Classified	(31,081.69)	QIIP
ADDITION	12	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	331001	TD Mains Not Classified	(66,294.30)	QIIP
ADDITION	12	R26-02B1.14-P-0005	Silverdale Wrkhouse 12" main instal	8/18/2014	2602	B	331001	TD Mains Not Classified	(8,147.98)	QIIP
ADDITION	12	R26-02B1.14-P-0005	Silverdale Wrkhouse 12" main instal	8/18/2014	2602	B	331001	TD Mains Not Classified	(104,905.23)	QIIP
ADDITION	12	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	335000	Hydrants	(55.98)	QIIP
ADDITION	12	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	333000	Services	(76.70)	QIIP
ADDITION	12	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	331001	TD Mains Not Classified	(93,908.40)	QIIP
ADDITION	12	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	333000	Services	(350.77)	QIIP
ADDITION	12	R26-02B1.12-P-0021	AUBERNDALE MAIN EXTENSION	1/23/2013	2602	B	331001	TD Mains Not Classified	(142,998.57)	QIIP
ADDITION	12	R26-02B1.12-P-0021	AUBERNDALE MAIN EXTENSION	1/23/2013	2602	B	333000	Services	51.68	QIIP
ADDITION	12	R26-02B1.12-P-0008	MAIN EXTENSION LOVELL AVE	9/13/2012	2602	B	331001	TD Mains Not Classified	(63,288.29)	QIIP
ADDITION	12	R26-02B1.12-P-0008	MAIN EXTENSION LOVELL AVE	9/13/2012	2602	B	335000	Hydrants	(1,283.14)	QIIP
ADDITION	12	R26-02B1.12-P-0008	MAIN EXTENSION LOVELL AVE	9/13/2012	2602	B	333000	Services	(371.86)	QIIP
ADDITION	12	R26-02B1.12-P-0013	HARLEY LANE MAIN EXTENSION	10/10/2012	2602	B	331001	TD Mains Not Classified	(62,138.64)	QIIP
ADDITION	12	R26-02B1.12-P-0021	AUBERNDALE MAIN EXTENSION	1/23/2013	2602	B	331001	TD Mains Not Classified	1,923.33	QIIP
ADDITION	12	R26-02B1.12-P-0021	AUBERNDALE MAIN EXTENSION	1/23/2013	2602	B	333000	Services	11.08	QIIP
ADDITION	12	R26-02B1.12-P-0021	AUBERNDALE MAIN EXTENSION	1/23/2013	2602	B	331001	TD Mains Not Classified	2,531.00	QIIP
ADDITION	12	R26-02B1.12-P-0021	AUBERNDALE MAIN EXTENSION	1/23/2013	2602	B	331001	TD Mains Not Classified	17,341.31	QIIP
ADDITION	12	R26-02B1.12-P-0013	HARLEY LANE MAIN EXTENSION	10/10/2012	2602	B	331001	TD Mains Not Classified	(0.01)	QIIP
ADDITION	1	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(5,846.01)	QIIP
ADDITION	1	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(21,007.10)	QIIP
ADDITION	1	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(28,659.63)	QIIP
ADDITION	1	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	1,757.53	QIIP

Type	Period	WBS	Description	In-Service Date	Profit center	Project #	Utility account	UA Naruc	Amount	Eligibility
ADDITION	1	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	449.48	QIIP
ADDITION	1	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	402.33	QIIP
ADDITION	1	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	135.53	QIIP
ADDITION	1	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	69.29	QIIP
ADDITION	1	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	256.34	QIIP
ADDITION	1	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	1,405.40	QIIP
ADDITION	1	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	2,557.88	QIIP
ADDITION	1	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	3,063.93	QIIP
ADDITION	1	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	481.92	QIIP
ADDITION	1	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	226.36	QIIP
ADDITION	1	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	1,869.24	QIIP
ADDITION	1	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	50.03	QIIP
ADDITION	1	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	382.58	QIIP
ADDITION	1	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	14.18	QIIP
ADDITION	1	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	35.61	QIIP
ADDITION	1	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	440.55	QIIP
ADDITION	1	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	137.18	QIIP
ADDITION	1	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	960.43	QIIP
ADDITION	1	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	33.35	QIIP
ADDITION	1	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(4,120.89)	QIIP
ADDITION	1	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(842.09)	QIIP
ADDITION	1	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	861.58	QIIP
ADDITION	1	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	90.17	QIIP
ADDITION	1	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	41.36	QIIP
ADDITION	1	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	5,129.64	QIIP
ADDITION	1	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(11,308.75)	QIIP
ADDITION	1	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	554.56	QIIP
ADDITION	1	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	72.35	QIIP
ADDITION	1	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	1,208.99	QIIP
ADDITION	1	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	190.16	QIIP
ADDITION	1	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	3,655.62	QIIP
ADDITION	1	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	10,852.83	QIIP
ADDITION	1	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	12,999.97	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	1,517.91	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	358.86	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	137.67	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(97.11)	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	1,517.91	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(70.23)	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(64.75)	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	1,517.99	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	874.94	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(123.68)	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	99.54	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(331.05)	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(497.63)	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	1,517.91	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	1,517.91	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	1,517.91	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	1,517.91	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	1,793.99	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	746.61	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(1,184.66)	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(140.45)	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	1,517.91	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	705.39	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	1,517.91	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	1,517.91	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	6,013.44	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	8,855.84	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	4,454.78	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(1,881.56)	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(4,838.15)	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(2,866.39)	QIIP

Type	Period	WBS	Description	In-Service Date	Profit center	Project #	Utility account	UA Naruc	Amount	Eligibility
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	17,332.76	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	92,094.25	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	148,951.35	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	189,286.85	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	25,394.96	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	39,300.78	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	18,065.69	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	2,866.63	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	23,532.93	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	2,139.35	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	51,429.47	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	22,505.70	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	18,184.54	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	1,697.90	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	228,868.80	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	18,173.22	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	34,807.01	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	4,278.72	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	71,142.13	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	2,866.63	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	5,348.40	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	15,552.81	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	8,022.58	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	23,190.52	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	9,576.16	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	4,640.92	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	7,145.34	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	9,584.67	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	6,418.07	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	31.40	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(146,292.01)	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	9,120.02	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	1,418.84	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(3,388.08)	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(291,911.93)	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	3,616.07	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(678.51)	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(21,736.66)	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(92,420.85)	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(1,061.38)	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	1,277.71	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(29.31)	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(391,712.72)	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(251,149.14)	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(763.47)	QIIP
ADDITION	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(90.59)	QIIP
ADDITION	3	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	490.60	QIIP
ADDITION	3	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	5,332.65	QIIP
ADDITION	3	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	45.25	QIIP
ADDITION	3	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	491.84	QIIP
ADDITION	3	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	241.85	QIIP
ADDITION	3	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	2,628.81	QIIP
ADDITION	1	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	133,491.95	QIIP
ADDITION	2	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	257.28	QIIP
ADDITION	2	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	105,113.34	QIIP
ADDITION	2	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	58,601.78	QIIP
ADDITION	2	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	(51,806.10)	QIIP
ADDITION	2	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	17,447.53	QIIP
ADDITION	2	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	63,265.53	QIIP
ADDITION	3	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	1,306.77	QIIP
ADDITION	3	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	6,349.21	QIIP
ADDITION	3	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	(62,869.44)	QIIP
ADDITION	3	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	1,977.75	QIIP
ADDITION	3	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	6,095.88	QIIP
ADDITION	3	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	36,005.25	QIIP

Type	Period	WBS	Description	In-Service Date	Profit center	Project #	Utility account	UA Naruc	Amount	Eligibility
ADDITION	3	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	2,224.99	QIIP
ADDITION	1	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	2,723.21	QIIP
ADDITION	2	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	2,454.02	QIIP
ADDITION	2	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	2,874.93	QIIP
ADDITION	2	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	7,310.22	QIIP
ADDITION	2	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	307.31	QIIP
ADDITION	3	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	1,152.93	QIIP
ADDITION	3	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	(7,020.56)	QIIP
ADDITION	3	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	(599.69)	QIIP
ADDITION	3	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	1,165.52	QIIP
ADDITION	3	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	1,231.92	QIIP
ADDITION	3	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	49.81	QIIP
ADDITION	3	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	10,544.03	QIIP
ADDITION	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	4,254.32	QIIP
ADDITION	4	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	4,647.52	QIIP
ADDITION	4	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	(35,199.21)	QIIP
ADDITION	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	2,097.23	QIIP
ADDITION	4	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	397.97	QIIP
ADDITION	4	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	56,427.78	QIIP
ADDITION	4	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	676.71	QIIP
ADDITION	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	392.38	QIIP
ADDITION	6	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	18,517.58	QIIP
ADDITION	6	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	9,128.51	QIIP
ADDITION	6	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	1,707.93	QIIP
ADDITION	6	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	621.02	QIIP
ADDITION	6	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	1,853.46	QIIP
ADDITION	6	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	1,934.08	QIIP
ADDITION	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	315.35	QIIP
ADDITION	6	R26-03C1.14-P-0001	Work Order	1/0/1900	2603	C	331001	TD Mains Not Classified	2,833.88	QIIP
ADDITION	6	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	3,411.45	QIIP
ADDITION	4	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	1,654.31	QIIP
ADDITION	5	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	812.93	QIIP
ADDITION	6	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	6,285.66	QIIP
ADDITION	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	817.67	QIIP
ADDITION	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	1,658.67	QIIP
ADDITION	4	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	724.97	QIIP
ADDITION	4	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	848.97	QIIP
ADDITION	6	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	37,803.47	QIIP
ADDITION	6	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	464.55	QIIP
ADDITION	6	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	953.43	QIIP
ADDITION	6	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	(9,283.18)	QIIP
ADDITION	6	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	231.05	QIIP
ADDITION	6	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	2,505.05	QIIP
ADDITION	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	1,685.38	QIIP
ADDITION	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	3,418.87	QIIP
ADDITION	4	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	5,063.86	QIIP
ADDITION	5	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	9,492.21	QIIP
ADDITION	5	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	754.33	QIIP
ADDITION	5	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	8,178.49	QIIP
ADDITION	5	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	4,031.70	QIIP
ADDITION	5	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	4,124.90	QIIP
ADDITION	5	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	6,900.20	QIIP
ADDITION	5	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	728.96	QIIP
ADDITION	5	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	7,903.58	QIIP
ADDITION	5	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	3,896.19	QIIP
ADDITION	6	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	3,664.26	QIIP
ADDITION	5	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	2,247.28	QIIP
ADDITION	5	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	174.81	QIIP
ADDITION	5	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	1,895.28	QIIP
ADDITION	5	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	934.30	QIIP
ADDITION	5	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	(56,427.78)	QIIP
ADDITION	5	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	3,159.85	QIIP
ADDITION	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	152.98	QIIP
ADDITION	5	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	984.18	QIIP
ADDITION	5	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	178.07	QIIP

Type	Period	WBS	Description	In-Service Date	Profit center	Project #	Utility account	UA Naruc	Amount	Eligibility
ADDITION	5	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	1,930.64	QIIP
ADDITION	5	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	951.74	QIIP
ADDITION	5	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	391.38	QIIP
ADDITION	5	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	22,353.77	QIIP
ADDITION	5	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	567.29	QIIP
ADDITION	5	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	7,643.18	QIIP
ADDITION	5	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	238.71	QIIP
ADDITION	5	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	1,275.86	QIIP
ADDITION	6	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	178.39	QIIP
ADDITION	5	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	2,588.13	QIIP
ADDITION	4	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	3,505.69	QIIP
ADDITION	4	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	355.93	QIIP
ADDITION	6	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	1,234.91	QIIP
ADDITION	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	10,355.84	QIIP
ADDITION	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	5,105.06	QIIP
ADDITION	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	955.15	QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	302.61	QIIP
ADDITION	8	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	146.80	QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	20,593.33	QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	8,597.46	QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	980.13	QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	295.42	QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	15.52	QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	10.39	QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	10.39	QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	33.68	QIIP
ADDITION	9	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	672.68	QIIP
ADDITION	9	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	2,499.38	QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	12,029.40	QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	631.98	QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	423.41	QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	701.52	QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	36.86	QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	24.69	QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	24.69	QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	79.97	QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	1,200.93	QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	505.70	QIIP
ADDITION	9	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	843.50	QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	6,586.32	QIIP
ADDITION	9	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	4,213.88	QIIP
ADDITION	9	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	4,281.96	QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	231.83	QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	14,718.14	QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	302.61	QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	(14,599.04)	QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	(766.98)	QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	(513.86)	QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	(513.86)	QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	(1,664.33)	QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	(24,992.36)	QIIP
ADDITION	8	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	1,509.13	QIIP
ADDITION	8	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	13,392.90	QIIP
ADDITION	8	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	703.62	QIIP
ADDITION	8	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	471.40	QIIP
ADDITION	8	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	471.40	QIIP
ADDITION	8	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	1,526.83	QIIP
ADDITION	8	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	22,927.55	QIIP
ADDITION	8	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	480.93	QIIP
ADDITION	8	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	480.93	QIIP
ADDITION	8	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	1,557.68	QIIP
ADDITION	8	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	23,390.91	QIIP
ADDITION	8	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	86.57	QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	346.02	QIIP
ADDITION	8	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	(10,038.51)	QIIP

Type	Period	WBS	Description	In-Service Date	Profit center	Project #	Utility account	UA Naruc	Amount	Eligibility
ADDITION	8	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	(51,478.03)	QIIP
ADDITION	8	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(410.53)	QIIP
ADDITION	8	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(4,450.99)	QIIP
ADDITION	8	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(2,194.18)	QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	423.41	QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	1,371.38	QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	231.83	QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	451.69	QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	750.87	QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	11,275.26	QIIP
ADDITION	8	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	3,045.43	QIIP
ADDITION	8	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	160.00	QIIP
ADDITION	8	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	107.19	QIIP
ADDITION	8	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	107.19	QIIP
ADDITION	8	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	347.19	QIIP
ADDITION	8	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	5,213.53	QIIP
ADDITION	8	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(37.77)	QIIP
ADDITION	8	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(409.49)	QIIP
ADDITION	8	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(201.86)	QIIP
ADDITION	8	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	15,278.31	QIIP
ADDITION	8	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	802.67	QIIP
ADDITION	8	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	537.77	QIIP
ADDITION	8	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	537.77	QIIP
ADDITION	8	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	1,741.77	QIIP
ADDITION	8	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	26,155.22	QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	134.85	QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	7.09	QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	4.75	QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	15.38	QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	230.89	QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	4.75	QIIP
ADDITION	7	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	4,327.34	QIIP
ADDITION	7	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	723.58	QIIP
ADDITION	7	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	(34,890.40)	QIIP
ADDITION	7	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	255.34	QIIP
ADDITION	7	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	2,768.38	QIIP
ADDITION	7	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	1,364.71	QIIP
ADDITION	7	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	90,823.12	QIIP
ADDITION	7	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	693.64	QIIP
ADDITION	7	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	2,093.40	QIIP
ADDITION	7	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	140.46	QIIP
ADDITION	7	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	1,522.86	QIIP
ADDITION	7	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	750.71	QIIP
ADDITION	7	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	6,816.92	QIIP
ADDITION	8	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	13,663.57	QIIP
ADDITION	8	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	717.84	QIIP
ADDITION	7	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	13,784.42	QIIP
ADDITION	7	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	6,795.22	QIIP
ADDITION	7	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	5,238.27	QIIP
ADDITION	7	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	3,458.79	QIIP
ADDITION	7	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	6,815.99	QIIP
ADDITION	7	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	1,271.39	QIIP
ADDITION	11	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	(773.29)	QIIP
ADDITION	11	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	16.33	QIIP
ADDITION	11	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	2,978.90	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	261.52	QIIP
ADDITION	11	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	310.89	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	(44.32)	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	(27,081.36)	QIIP
ADDITION	11	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	944.30	QIIP
ADDITION	12	R26-02C1.15-P-0001	Work Order	1/0/1900	2602	C	331001	TD Mains Not Classified	1,728.20	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	483.49	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	169.19	QIIP
ADDITION	12	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	512.18	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	(138.64)	QIIP

Type	Period	WBS	Description	In-Service Date	Profit center	Project #	Utility account	UA Naruc	Amount	Eligibility
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	(7.28)	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	26,622.73	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	(388.77)	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	(1,803.45)	QIIP
ADDITION	11	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	10.94	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	1,225.91	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	(396.71)	QIIP
ADDITION	11	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	62.88	QIIP
ADDITION	11	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	71.35	QIIP
ADDITION	11	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	(37,610.42)	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	483.49	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	(592.12)	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	356.03	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	1,772.90	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	(11,270.67)	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	17,315.71	QIIP
ADDITION	12	R26-02C1.14-P-0002	MEMORIAL DRIVE 16" MAIN REPAIR	9/22/2014	2602	C	331001	TD Mains Not Classified	(152.71)	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	(20.42)	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	261.52	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	547.38	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	(556.82)	QIIP
ADDITION	12	R26-02C1.14-P-0002	MEMORIAL DRIVE 16" MAIN REPAIR	9/22/2014	2602	C	331001	TD Mains Not Classified	(76.38)	QIIP
ADDITION	11	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	420.90	QIIP
ADDITION	11	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	10.94	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	23,334.48	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	39,946.70	QIIP
ADDITION	11	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	19.42	QIIP
ADDITION	11	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	(1,154.21)	QIIP
ADDITION	11	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	(2,504.62)	QIIP
ADDITION	12	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	1,613.32	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	721.66	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	1,565.99	QIIP
ADDITION	12	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	583.91	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	348.54	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	252.53	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	8,228.88	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	118.67	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	348.54	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	1,153.12	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	15,551.41	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	1,128.87	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	531.40	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	356.03	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	11.05	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	11.05	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	314.01	QIIP
ADDITION	10	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	1,347.77	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	(13.68)	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	390.35	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	(665.52)	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	847.05	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	12,719.63	QIIP
ADDITION	10	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	8,026.29	QIIP
ADDITION	10	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	184.32	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	(15,819.26)	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	(556.82)	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	893.12	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	275.75	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	411.59	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	7,834.13	QIIP
ADDITION	11	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	532.20	QIIP
ADDITION	11	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	35.44	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	821.33	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	2,660.19	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	821.33	QIIP

Type	Period	WBS	Description	In-Service Date	Profit center	Project #	Utility account	UA Naruc	Amount	Eligibility
ADDITION	11	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	696.59	QIIP
ADDITION	11	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	551.59	QIIP
ADDITION	11	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	28.98	QIIP
ADDITION	11	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	19.42	QIIP
ADDITION	11	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	(21,969.77)	QIIP
ADDITION	11	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	(773.29)	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	16,951.64	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	7,430.05	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	(13.68)	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	(396.71)	QIIP
ADDITION	12	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	(58.51)	QIIP
ADDITION	12	R26-02C1.14-P-0002	MEMORIAL DRIVE 16" MAIN REPAIR	9/22/2014	2602	C	331001	TD Mains Not Classified	18,038.85	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	13,736.45	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	23,515.65	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	(4.88)	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	(237.34)	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	(15.81)	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	4,806.83	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	79.51	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	169.19	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	2,258.70	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	79.51	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	3,866.74	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	257.50	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	547.99	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	16.49	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	817.02	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	10,114.77	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	547.38	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	(4.88)	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	537.54	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	520.22	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	35.80	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	3,528.10	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	234.95	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	72.54	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	72.54	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	108.27	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	2,060.91	QIIP
ADDITION	12	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	2,382.81	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	9,902.14	QIIP
ADDITION	10	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	1,196.12	QIIP
ADDITION	11	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	957.74	QIIP
ADDITION	11	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	31,208.37	QIIP
ADDITION	11	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	2,078.28	QIIP
ADDITION	11	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	641.66	QIIP
ADDITION	11	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	641.66	QIIP
ADDITION	11	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	18,230.08	QIIP
ADDITION	11	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	1,386.72	QIIP
ADDITION	11	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	323.74	QIIP
ADDITION	11	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	15,745.62	QIIP
ADDITION	11	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	1,048.56	QIIP
ADDITION	11	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	323.74	QIIP
ADDITION	11	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	483.21	QIIP
ADDITION	11	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	9,197.65	QIIP
ADDITION	10	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	5,387.35	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	12.02	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	(19,294.49)	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	17.94	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	341.50	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	584.61	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	38.93	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	12.02	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	275.75	QIIP
ADDITION	12	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	(831.10)	QIIP

Type	Period	WBS	Description	In-Service Date	Profit center	Project #	Utility account	UA Naruc	Amount	Eligibility
ADDITION	10	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	(2,911.70)	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	(1,284.89)	QIIP
ADDITION	11	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900	2605	C	331001	TD Mains Not Classified	2,752.76	QIIP
ADDITION	11	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	4,973.96	QIIP
ADDITION	11	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	331.23	QIIP
ADDITION	11	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	102.27	QIIP
ADDITION	11	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	102.27	QIIP
ADDITION	11	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	152.64	QIIP
ADDITION	11	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	2,905.50	QIIP
ADDITION	10	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900	2602	C	331001	TD Mains Not Classified	13,411.43	QIIP
ADDITION	2	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	110.67	QIIP
ADDITION	2	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	110.69	QIIP
ADDITION	2	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	8,094.19	QIIP
ADDITION	2	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	8,094.22	QIIP
ADDITION	2	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	(4.23)	QIIP
ADDITION	2	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	(4.23)	QIIP
ADDITION	2	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	655.55	QIIP
ADDITION	2	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	655.56	QIIP
ADDITION	2	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	5,481.37	QIIP
ADDITION	2	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	5,481.37	QIIP
ADDITION	3	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	208.51	QIIP
ADDITION	3	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	208.52	QIIP
ADDITION	3	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	2,322.14	QIIP
ADDITION	3	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	2,322.15	QIIP
ADDITION	3	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	(5,536.09)	QIIP
ADDITION	3	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	(5,536.10)	QIIP
ADDITION	3	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	3,159.23	QIIP
ADDITION	3	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	3,159.23	QIIP
ADDITION	3	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	(0.91)	QIIP
ADDITION	3	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	(0.91)	QIIP
ADDITION	4	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	331001	TD Mains Not Classified	17,816.54	QIIP
ADDITION	4	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	(3,159.23)	QIIP
ADDITION	4	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	331001	TD Mains Not Classified	42.16	QIIP
ADDITION	4	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	290.65	QIIP
ADDITION	6	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	331001	TD Mains Not Classified	991.10	QIIP
ADDITION	6	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	333000	Services	16.59	QIIP
ADDITION	6	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	78.60	QIIP
ADDITION	4	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	331001	TD Mains Not Classified	(7.62)	QIIP
ADDITION	4	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	(3,159.23)	QIIP
ADDITION	4	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	331001	TD Mains Not Classified	5,498.35	QIIP
ADDITION	6	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	854.35	QIIP
ADDITION	4	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	290.65	QIIP
ADDITION	6	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	78.60	QIIP
ADDITION	6	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	331001	TD Mains Not Classified	(1,461.79)	QIIP
ADDITION	5	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	331001	TD Mains Not Classified	34.37	QIIP
ADDITION	5	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	331001	TD Mains Not Classified	(6.37)	QIIP
ADDITION	6	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	331001	TD Mains Not Classified	876.49	QIIP
ADDITION	6	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	333000	Services	14.67	QIIP
ADDITION	6	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	854.36	QIIP
ADDITION	5	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	331001	TD Mains Not Classified	(17,816.54)	QIIP
ADDITION	6	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	331001	TD Mains Not Classified	1,058.46	QIIP
ADDITION	6	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	333000	Services	17.71	QIIP
ADDITION	5	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	331001	TD Mains Not Classified	8.22	QIIP
ADDITION	5	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	331001	TD Mains Not Classified	10,447.61	QIIP
ADDITION	5	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	331001	TD Mains Not Classified	(111.82)	QIIP
ADDITION	4	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	331001	TD Mains Not Classified	25.64	QIIP
ADDITION	4	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	3,159.22	QIIP
ADDITION	4	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	3,159.23	QIIP
ADDITION	7	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	331001	TD Mains Not Classified	6.15	QIIP
ADDITION	7	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	333000	Services	0.10	QIIP
ADDITION	7	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	331001	TD Mains Not Classified	66.80	QIIP
ADDITION	7	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	333000	Services	1.12	QIIP
ADDITION	12	R26-02D1.14-P-0011	Seneca Ave Offset 8" Main around 2	11/21/2014	2602	D	331001	TD Mains Not Classified	(7.04)	QIIP
ADDITION	12	R26-02D1.14-P-0011	Seneca Ave Offset 8" Main around 2	11/21/2014	2602	D	331001	TD Mains Not Classified	2,314.02	QIIP
ADDITION	12	R26-02D1.14-P-0011	Seneca Ave Offset 8" Main around 2	11/21/2014	2602	D	331001	TD Mains Not Classified	18,226.88	QIIP

Type	Period	WBS	Description	In-Service Date	Profit center	Project #	Utility account	UA Naruc	Amount	Eligibility
ADDITION	12	R26-02D1.14-P-0011	Seneca Ave Offset 8" Main around 2	11/21/2014	2602	D	331001	TD Mains Not Classified	(10.28)	QIIP
ADDITION	12	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	333000	Services	288.33	QIIP
ADDITION	12	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	331001	TD Mains Not Classified	830.17	QIIP
ADDITION	12	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	331001	TD Mains Not Classified	16,399.44	QIIP
ADDITION	12	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	681.37	QIIP
ADDITION	12	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	17,222.54	QIIP
ADDITION	12	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	13,412.54	QIIP
ADDITION	12	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	111.68	QIIP
ADDITION	12	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	331001	TD Mains Not Classified	(17,467.75)	QIIP
ADDITION	12	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	333000	Services	(50.19)	QIIP
ADDITION	12	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	(8,204.86)	QIIP
ADDITION	12	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	(8,204.91)	QIIP
ADDITION	12	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	(443.52)	QIIP
ADDITION	12	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	(443.54)	QIIP
ADDITION	12	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	(6,132.69)	QIIP
ADDITION	12	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	(932.95)	QIIP
ADDITION	12	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	(932.96)	QIIP
ADDITION	12	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	(6,132.70)	QIIP
ADDITION	1	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-BI	1/0/1900	2602	E	335000	Hydrants	(11.63)	EDI
ADDITION	1	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-BI	1/0/1900	2602	E	335000	Hydrants	(389.18)	EDI
ADDITION	1	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-BI	1/0/1900	2602	E	331001	TD Mains Not Classified	(496.69)	EDI
ADDITION	1	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-BI	1/0/1900	2602	E	331001	TD Mains Not Classified	(14.85)	EDI
ADDITION	2	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-BI	1/0/1900	2602	E	335000	Hydrants	140.00	EDI
ADDITION	2	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-BI	1/0/1900	2602	E	331001	TD Mains Not Classified	178.68	EDI
ADDITION	2	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-BI	1/0/1900	2602	E	335000	Hydrants	413.58	EDI
ADDITION	2	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-BI	1/0/1900	2602	E	331001	TD Mains Not Classified	527.80	EDI
ADDITION	3	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-BI	1/0/1900	2602	E	335000	Hydrants	6.65	EDI
ADDITION	3	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-BI	1/0/1900	2602	E	331001	TD Mains Not Classified	8.48	EDI
ADDITION	3	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-BI	1/0/1900	2602	E	335000	Hydrants	72.28	EDI
ADDITION	3	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-BI	1/0/1900	2602	E	331001	TD Mains Not Classified	92.23	EDI
ADDITION	1	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	1,673.00	EDI
ADDITION	2	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	3,445.48	EDI
ADDITION	2	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	470.90	EDI
ADDITION	2	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	630.00	EDI
ADDITION	3	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	(630.00)	EDI
ADDITION	1	R26-05E1.14-P-0001	Work Order	1/0/1900	2605	E	335000	Hydrants	2,360.05	EDI
ADDITION	2	R26-05E1.14-P-0001	Work Order	1/0/1900	2605	E	335000	Hydrants	230.10	EDI
ADDITION	2	R26-05E1.14-P-0001	Work Order	1/0/1900	2605	E	335000	Hydrants	238.29	EDI
ADDITION	4	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	4.40	EDI
ADDITION	4	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	47.79	EDI
ADDITION	4	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-BI	1/0/1900	2602	E	331001	TD Mains Not Classified	634.19	EDI
ADDITION	4	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-BI	1/0/1900	2602	E	335000	Hydrants	496.93	EDI
ADDITION	6	R26-02E1.14-P-0004	Inserta Valve 8" on Windtower Lane	6/23/2014	2602	E	331001	TD Mains Not Classified	25.57	EDI
ADDITION	6	R26-02E1.14-P-0003	Install a inserta valve at Moccasin	6/30/2014	2602	E	331001	TD Mains Not Classified	5,962.51	EDI
ADDITION	6	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-BI	1/0/1900	2602	E	335000	Hydrants	74.77	EDI
ADDITION	6	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-BI	1/0/1900	2602	E	331001	TD Mains Not Classified	95.42	EDI
ADDITION	4	R26-05E1.14-P-0001	Work Order	1/0/1900	2605	E	335000	Hydrants	237.37	EDI
ADDITION	6	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-BI	1/0/1900	2602	E	335000	Hydrants	812.69	EDI
ADDITION	6	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-BI	1/0/1900	2602	E	331001	TD Mains Not Classified	1,037.16	EDI
ADDITION	6	R26-02E1.14-P-0003	Install a inserta valve at Moccasin	6/30/2014	2602	E	331001	TD Mains Not Classified	17.97	EDI
ADDITION	6	R26-02E1.14-P-0004	Inserta Valve 8" on Windtower Lane	6/23/2014	2602	E	331001	TD Mains Not Classified	18.39	EDI
ADDITION	4	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	2,220.10	EDI
ADDITION	5	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	8,143.42	EDI
ADDITION	5	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-BI	1/0/1900	2602	E	335000	Hydrants	(2,866.39)	EDI
ADDITION	5	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-BI	1/0/1900	2602	E	331001	TD Mains Not Classified	(3,658.11)	EDI
ADDITION	6	R26-02E1.14-P-0004	Inserta Valve 8" on Windtower Lane	6/23/2014	2602	E	331001	TD Mains Not Classified	6,225.38	EDI
ADDITION	5	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	315.00	EDI
ADDITION	5	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	785.92	EDI
ADDITION	5	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-BI	1/0/1900	2602	E	335000	Hydrants	(263.71)	EDI
ADDITION	5	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-BI	1/0/1900	2602	E	331001	TD Mains Not Classified	(336.54)	EDI
ADDITION	5	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	(2,220.10)	EDI
ADDITION	4	R26-05E1.14-P-0001	Work Order	1/0/1900	2605	E	335000	Hydrants	2,580.07	EDI
ADDITION	5	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	84.15	EDI
ADDITION	4	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-BI	1/0/1900	2602	E	335000	Hydrants	5,401.46	EDI
ADDITION	4	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-BI	1/0/1900	2602	E	331001	TD Mains Not Classified	6,893.34	EDI

Type	Period	WBS	Description	In-Service Date	Profit center	Project #	Utility account	UA Naruc	Amount	Eligibility
ADDITION	9	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	0.83	EDI
ADDITION	9	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	185.86	EDI
ADDITION	9	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	0.16	EDI
ADDITION	9	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	977.49	EDI
ADDITION	9	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	(11.13)	EDI
ADDITION	9	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	(9.22)	EDI
ADDITION	9	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	(1.75)	EDI
ADDITION	9	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	1,179.59	EDI
ADDITION	9	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	2,490.72	EDI
ADDITION	9	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	473.60	EDI
ADDITION	9	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	1.01	EDI
ADDITION	9	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	(1,078.51)	EDI
ADDITION	9	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	(205.07)	EDI
ADDITION	7	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-BI	1/0/1900	2602	E	335000	Hydrants	165.10	EDI
ADDITION	8	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	1,128.23	EDI
ADDITION	8	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	934.93	EDI
ADDITION	8	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	177.78	EDI
ADDITION	8	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-BI	1/0/1900	2602	E	335000	Hydrants	149.84	EDI
ADDITION	8	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-BI	1/0/1900	2602	E	331001	TD Mains Not Classified	191.23	EDI
ADDITION	8	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	821.96	EDI
ADDITION	8	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	681.13	EDI
ADDITION	8	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	129.51	EDI
ADDITION	8	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	(1,764.17)	EDI
ADDITION	9	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	(1,301.49)	EDI
ADDITION	8	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	123.52	EDI
ADDITION	8	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	102.36	EDI
ADDITION	8	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	19.46	EDI
ADDITION	8	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-BI	1/0/1900	2602	E	335000	Hydrants	13.79	EDI
ADDITION	8	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-BI	1/0/1900	2602	E	331001	TD Mains Not Classified	17.59	EDI
ADDITION	8	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	936.45	EDI
ADDITION	8	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	147.55	EDI
ADDITION	8	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	776.00	EDI
ADDITION	7	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	1,962.60	EDI
ADDITION	7	R26-05E1.14-P-0001	Work Order	1/0/1900	2605	E	335000	Hydrants	90.97	EDI
ADDITION	7	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-BI	1/0/1900	2602	E	335000	Hydrants	15.19	EDI
ADDITION	7	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-BI	1/0/1900	2602	E	331001	TD Mains Not Classified	19.38	EDI
ADDITION	9	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	3,005.68	EDI
ADDITION	7	R26-05E1.14-P-0001	Work Order	1/0/1900	2605	E	335000	Hydrants	988.75	EDI
ADDITION	7	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-BI	1/0/1900	2602	E	331001	TD Mains Not Classified	210.69	EDI
ADDITION	10	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	688.39	EDI
ADDITION	11	R26-02E1.14-P-0005	RELOCATE FH ON CHICKAMAUGA AVE @GRA	11/7/2014	2602	E	335000	Hydrants	1,581.67	EDI
ADDITION	12	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	30.11	EDI
ADDITION	10	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	350.45	EDI
ADDITION	12	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	0.36	EDI
ADDITION	10	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	830.72	EDI
ADDITION	12	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	61.32	EDI
ADDITION	12	R26-02E1.15-P-0001	Work Order	1/0/1900	2602	E	335000	Hydrants	772.95	EDI
ADDITION	12	R26-02E1.14-P-0005	RELOCATE FH ON CHICKAMAUGA AVE @GRA	11/7/2014	2602	E	335000	Hydrants	(297.44)	EDI
ADDITION	10	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	1,664.40	EDI
ADDITION	11	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	15.50	EDI
ADDITION	11	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	(76.28)	EDI
ADDITION	10	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	66.64	EDI
ADDITION	12	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	0.26	EDI
ADDITION	12	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	1.69	EDI
ADDITION	12	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	2.25	EDI
ADDITION	10	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	2,008.52	EDI
ADDITION	12	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	(53.18)	EDI
ADDITION	10	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	(2,905.21)	EDI
ADDITION	11	R26-02E1.14-P-0005	RELOCATE FH ON CHICKAMAUGA AVE @GRA	11/7/2014	2602	E	335000	Hydrants	470.53	EDI
ADDITION	11	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	2.44	EDI
ADDITION	11	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	(401.19)	EDI
ADDITION	12	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	24.95	EDI
ADDITION	12	R26-02E1.14-P-0005	RELOCATE FH ON CHICKAMAUGA AVE @GRA	11/7/2014	2602	E	335000	Hydrants	12.96	EDI
ADDITION	12	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	1.39	EDI
ADDITION	12	R26-05E1.14-P-0001	Work Order	1/0/1900	2605	E	335000	Hydrants	45.92	EDI

Type	Period	WBS	Description	In-Service Date	Profit center	Project #	Utility account	UA Naruc	Amount	Eligibility
ADDITION	10	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	316.47	EDI
ADDITION	12	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	(64.16)	EDI
ADDITION	12	R26-05E1.14-P-0001	Work Order	1/0/1900	2605	E	335000	Hydrants	(2.44)	EDI
ADDITION	12	R26-02E1.15-P-0001	Work Order	1/0/1900	2602	E	335000	Hydrants	(3.78)	EDI
ADDITION	10	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	15.85	EDI
ADDITION	10	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	83.39	EDI
ADDITION	12	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	(322.48)	EDI
ADDITION	12	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	(61.32)	EDI
ADDITION	10	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	100.65	EDI
ADDITION	12	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	(389.15)	EDI
ADDITION	12	R26-02E1.14-P-0005	RELOCATE FH ON CHICKAMAUGA AVE @GRA	11/7/2014	2602	E	335000	Hydrants	207.72	EDI
ADDITION	11	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	12.85	EDI
ADDITION	11	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	(484.16)	EDI
ADDITION	12	R26-05E1.14-P-0001	Work Order	1/0/1900	2605	E	335000	Hydrants	499.13	EDI
ADDITION	12	R26-02E1.14-P-0005	RELOCATE FH ON CHICKAMAUGA AVE @GRA	11/7/2014	2602	E	335000	Hydrants	(28.92)	EDI
ADDITION	10	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	130.89	EDI
ADDITION	12	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	4.74	EDI
ADDITION	10	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	422.91	EDI
ADDITION	12	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	1.87	EDI
ADDITION	12	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	389.15	EDI
ADDITION	12	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	322.48	EDI
ADDITION	10	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	(6.52)	EDI
ADDITION	10	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	(34.27)	EDI
ADDITION	10	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	(41.34)	EDI
ADDITION	11	R26-02E1.14-P-0005	RELOCATE FH ON CHICKAMAUGA AVE @GRA	11/7/2014	2602	E	335000	Hydrants	438.37	EDI
ADDITION	11	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	36.19	EDI
ADDITION	11	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	190.36	EDI
ADDITION	11	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	229.72	EDI
ADDITION	11	R26-02E1.14-P-0005	RELOCATE FH ON CHICKAMAUGA AVE @GRA	11/7/2014	2602	E	335000	Hydrants	318.74	EDI
ADDITION	10	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	(552.41)	EDI
ADDITION	10	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	(3,505.87)	EDI
ADDITION	12	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	(10.12)	EDI
ADDITION	11	R26-02E1.14-P-0005	RELOCATE FH ON CHICKAMAUGA AVE @GRA	11/7/2014	2602	E	335000	Hydrants	3,927.79	EDI
ADDITION	2	R26-02F1.07-P-0011	Hyd & Vlv-Rep-East Ridge TN ALL	1/0/1900	2602	F	331001	TD Mains Not Classified	22.92	QIIP
ADDITION	2	R26-02F1.07-P-0011	Hyd & Vlv-Rep-East Ridge TN ALL	1/0/1900	2602	F	331001	TD Mains Not Classified	22.92	QIIP
ADDITION	2	R26-02F1.07-P-0011	Hyd & Vlv-Rep-East Ridge TN ALL	1/0/1900	2602	F	335000	Hydrants	22.94	QIIP
ADDITION	1	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	19.65	QIIP
ADDITION	1	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	213.57	QIIP
ADDITION	1	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	15,197.94	QIIP
ADDITION	2	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	769.88	QIIP
ADDITION	2	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	(6,236.04)	QIIP
ADDITION	2	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	10,853.63	QIIP
ADDITION	3	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	675.26	QIIP
ADDITION	3	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	6,332.32	QIIP
ADDITION	3	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	9,748.94	QIIP
ADDITION	3	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	(9,092.30)	QIIP
ADDITION	3	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000	Hydrants	4,129.96	QIIP
ADDITION	3	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000	Hydrants	2,145.86	QIIP
ADDITION	3	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000	Hydrants	577.38	QIIP
ADDITION	5	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000	Hydrants	37.23	QIIP
ADDITION	6	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	439.40	QIIP
ADDITION	4	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000	Hydrants	1,046.13	QIIP
ADDITION	5	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	1,268.78	QIIP
ADDITION	4	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	10,151.48	QIIP
ADDITION	6	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	4,557.79	QIIP
ADDITION	6	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000	Hydrants	142.15	QIIP
ADDITION	6	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	(219.70)	QIIP
ADDITION	4	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000	Hydrants	11,370.99	QIIP
ADDITION	4	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	4,261.38	QIIP
ADDITION	6	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000	Hydrants	2,841.45	QIIP
ADDITION	6	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	16,525.79	QIIP
ADDITION	6	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	(2,251.54)	QIIP
ADDITION	5	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000	Hydrants	404.65	QIIP
ADDITION	4	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	(9,492.63)	QIIP
ADDITION	4	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	2,656.90	QIIP

Type	Period	WBS	Description	In-Service Date	Profit center	Project #	Utility account	UA Naruc	Amount	Eligibility
ADDITION	5	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	944.28	QIIP
ADDITION	5	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	(10,151.48)	QIIP
ADDITION	6	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	614.85	QIIP
ADDITION	5	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	3,974.54	QIIP
ADDITION	4	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	693.55	QIIP
ADDITION	6	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000	Hydrants	274.49	QIIP
ADDITION	5	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000	Hydrants	2,841.45	QIIP
ADDITION	5	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	4,157.21	QIIP
ADDITION	5	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	5,020.61	QIIP
ADDITION	4	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	363.97	QIIP
ADDITION	7	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000	Hydrants	(2,841.45)	QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	5,381.08	QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	220.61	QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	(77,082.42)	QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	171.88	QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	(0.15)	QIIP
ADDITION	9	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000	Hydrants	1,566.46	QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	126.08	QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	1,366.74	QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	1,002.51	QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	(2,462.17)	QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	27.56	QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	48.23	QIIP
ADDITION	9	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000	Hydrants	144.11	QIIP
ADDITION	7	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	5,643.17	QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	319.45	QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	10,000.48	QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	234.30	QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	1,176.37	QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	(1,806.03)	QIIP
ADDITION	8	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000	Hydrants	161.91	QIIP
ADDITION	8	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	69.97	QIIP
ADDITION	8	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	2,190.98	QIIP
ADDITION	8	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	51.34	QIIP
ADDITION	8	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	89.83	QIIP
ADDITION	8	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	2,520.52	QIIP
ADDITION	8	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	78,908.63	QIIP
ADDITION	8	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	1,848.81	QIIP
ADDITION	8	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	3,235.11	QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	42,787.97	QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	1,754.23	QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	(3,160.24)	QIIP
ADDITION	8	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	(19,918.72)	QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	410.00	QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	(0.20)	QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	(6.30)	QIIP
ADDITION	8	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000	Hydrants	14.90	QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	(0.26)	QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	37.58	QIIP
ADDITION	8	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	19.11	QIIP
ADDITION	8	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	598.35	QIIP
ADDITION	8	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	14.02	QIIP
ADDITION	8	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	24.53	QIIP
ADDITION	8	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	160.59	QIIP
ADDITION	8	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	5,027.15	QIIP
ADDITION	8	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	206.10	QIIP
ADDITION	8	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	117.78	QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	(0.91)	QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	(28.39)	QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	(0.67)	QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	(1.16)	QIIP
ADDITION	7	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	393.96	QIIP
ADDITION	7	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	(15,168.93)	QIIP
ADDITION	7	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	24,815.66	QIIP
ADDITION	7	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	2,072.82	QIIP

Type	Period	WBS	Description	In-Service Date	Profit center	Project #	Utility account	UA Naruc	Amount	Eligibility
ADDITION	7	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	9,599.20	QIIP
ADDITION	7	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	5,537.46	QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	105.28	QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	69.34	QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	(219.76)	QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	94.54	QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	180.70	QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	284.13	QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	(10.51)	QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	121.19	QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	(43,155.38)	QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	60.42	QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	(6,485.97)	QIIP
ADDITION	12	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000	Hydrants	(32.78)	QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	69.26	QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	246.35	QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	(207.17)	QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	8,875.46	QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	319.02	QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	9,987.07	QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	43.54	QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	221.37	QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	(256.25)	QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	14.69	QIIP
ADDITION	12	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000	Hydrants	202.36	QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	9,662.85	QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	308.65	QIIP
ADDITION	12	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000	Hydrants	2,084.65	QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	(1,378.47)	QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	2,967.17	QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	(161.19)	QIIP
ADDITION	12	R26-02F1.15-P-0001	Work Order	1/0/1900	2602	F	335000	Hydrants	(30.44)	QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	2,956.09	QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	(1,011.12)	QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	7,712.43	QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	(1,769.30)	QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	1,891.53	QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	(151.97)	QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	283.50	QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	363.88	QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	233.99	QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	1,858.38	QIIP
ADDITION	12	R26-02F1.14-P-0003	Purchase (2) 6" Wheel Valves	9/26/2014	2602	F	331001	TD Mains Not Classified	882.99	QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	59.36	QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	162.37	QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	20.03	QIIP
ADDITION	11	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000	Hydrants	64.60	QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	2,959.65	QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	7.00	QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	25.71	QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	298.92	QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	9.55	QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	121.34	QIIP
ADDITION	10	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000	Hydrants	3,410.48	QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	121.65	QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	(6,879.77)	QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	94.78	QIIP
ADDITION	12	R26-02F1.15-P-0001	Work Order	1/0/1900	2602	F	335000	Hydrants	6,216.54	QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	69.52	QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	94.43	QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	316.19	QIIP
ADDITION	11	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000	Hydrants	319.71	QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	44.32	QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	77.55	QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	(265.91)	QIIP

Type	Period	WBS	Description	In-Service Date	Profit center	Project #	Utility account	UA Naruc	Amount	Eligibility
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	207.95	QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	(8.18)	QIIP
ADDITION	10	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000	Hydrants	1,018.55	QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	627.15	QIIP
ADDITION	12	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000	Hydrants	114.90	QIIP
ADDITION	12	R26-02F1.14-P-0002	CENTRAL AVE 20" VALVE REPLACEMENT	7/30/2014	2602	F	331001	TD Mains Not Classified	(0.22)	QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	(6.00)	QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	143.52	QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	4,493.29	QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	184.22	QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	409.45	QIIP
ADDITION	12	R26-02F1.14-P-0002	CENTRAL AVE 20" VALVE REPLACEMENT	7/30/2014	2602	F	331001	TD Mains Not Classified	(350.68)	QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	226.40	QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	76.19	QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	6,930.22	QIIP
ADDITION	10	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000	Hydrants	93.71	QIIP
ADDITION	12	R26-02F1.14-P-0002	CENTRAL AVE 20" VALVE REPLACEMENT	7/30/2014	2602	F	331001	TD Mains Not Classified	15,281.12	QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	12.26	QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	396.16	QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	41.25	QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	23.57	QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	1,006.06	QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	32.13	QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	1,358.78	QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	776.52	QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	33,142.46	QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	1,058.64	QIIP
ADDITION	11	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000	Hydrants	114.90	QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	(825.59)	QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	(471.81)	QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	(20,137.23)	QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	(643.23)	QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	430.73	QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	246.15	QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	10,506.05	QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	335.58	QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	(282.05)	QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	147.46	QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	84.27	QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000	Hydrants	3,596.86	QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001	TD Mains Not Classified	114.90	QIIP
ADDITION	2	R26-02G1.07-P-0011	3/4 New Services AS	1/0/1900	2602	G	333000	Services	1,161.00	
ADDITION	2	R26-02G1.07-P-0011	3/4 New Services AS	1/0/1900	2602	G	333000	Services	106.81	
ADDITION	2	R26-02G1.07-P-0011	3/4 New Services AS	1/0/1900	2602	G	333000	Services	1,161.00	
ADDITION	2	R26-02G1.07-P-0011	3/4 New Services AS	1/0/1900	2602	G	333000	Services	106.81	
ADDITION	2	R26-02G1.07-P-0011	3/4 New Services AS	1/0/1900	2602	G	333000	Services	106.81	
ADDITION	2	R26-02G1.07-P-0011	3/4 New Services AS	1/0/1900	2602	G	333000	Services	1,160.96	
ADDITION	1	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	1,022.03	
ADDITION	1	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	7,142.65	
ADDITION	2	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	1,039.51	
ADDITION	2	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	883.88	
ADDITION	2	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	1,039.51	
ADDITION	2	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	883.87	
ADDITION	2	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	1,039.50	
ADDITION	2	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	883.88	
ADDITION	2	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	883.88	
ADDITION	2	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	1,039.51	
ADDITION	2	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	20,288.00	
ADDITION	2	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	70,526.78	
ADDITION	2	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	182,265.81	
ADDITION	2	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	(19,996.67)	
ADDITION	2	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	(225,331.40)	
ADDITION	2	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	(8,164.68)	
ADDITION	2	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	(19,996.60)	
ADDITION	2	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	(19,996.67)	

Type	Period	WBS	Description	In-Service Date	Profit center	Project #	Utility account	UA Naruc	Amount	Eligibility
ADDITION	3	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	1,698.91	
ADDITION	3	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	156.30	
ADDITION	3	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	156.30	
ADDITION	3	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	156.30	
ADDITION	3	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	1,698.92	
ADDITION	3	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	1,698.91	
ADDITION	3	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	156.30	
ADDITION	3	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	1,698.91	
ADDITION	1	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	6,024.86	
ADDITION	1	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	4,994.34	
ADDITION	1	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	1,013.77	
ADDITION	1	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	24,558.15	
ADDITION	2	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	3,560.12	
ADDITION	2	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	15,160.86	
ADDITION	2	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	28,224.45	
ADDITION	3	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	450.31	
ADDITION	3	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	549.12	
ADDITION	3	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	78.36	
ADDITION	3	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	(670.83)	
ADDITION	3	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	117.55	
ADDITION	3	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	675.45	
ADDITION	3	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	823.67	
ADDITION	3	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	(1,006.25)	
ADDITION	3	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	1,535.84	
ADDITION	3	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	8,825.34	
ADDITION	3	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	10,761.90	
ADDITION	3	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	(13,147.34)	
ADDITION	2	R26-05G1.14-P-0001	Work Order	1/0/1900	2605	G	333000	Services	1,108.70	
ADDITION	2	R26-05G1.14-P-0001	Work Order	1/0/1900	2605	G	333000	Services	479.98	
ADDITION	3	R26-05G1.14-P-0001	Work Order	1/0/1900	2605	G	333000	Services	277.28	
ADDITION	3	R26-05G1.14-P-0001	Work Order	1/0/1900	2605	G	333000	Services	266.97	
ADDITION	3	R26-05G1.14-P-0001	Work Order	1/0/1900	2605	G	333000	Services	50.07	
ADDITION	5	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	(500.45)	
ADDITION	5	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	(6,538.80)	
ADDITION	4	R26-05G1.14-P-0001	Work Order	1/0/1900	2605	G	333000	Services	105.67	
ADDITION	4	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	1,277.18	
ADDITION	4	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	851.45	
ADDITION	4	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	42.47	
ADDITION	4	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	2,402.82	
ADDITION	4	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	12,469.49	
ADDITION	6	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	230.15	
ADDITION	6	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	3,007.02	
ADDITION	4	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	1,235.32	
ADDITION	4	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	122.60	
ADDITION	5	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	(333.64)	
ADDITION	4	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	636.25	
ADDITION	6	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	911.72	
ADDITION	6	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	11,912.28	
ADDITION	6	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	607.81	
ADDITION	6	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	962.67	
ADDITION	6	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	12,578.07	
ADDITION	6	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	641.79	
ADDITION	6	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	189.09	
ADDITION	6	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	20,676.15	
ADDITION	6	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	567.25	
ADDITION	6	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	153.43	
ADDITION	6	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	1,902.21	
ADDITION	4	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	42.47	
ADDITION	4	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	183.91	
ADDITION	6	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	1,589.18	
ADDITION	6	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	20,763.73	
ADDITION	6	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	1,059.45	
ADDITION	5	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	412.69	
ADDITION	5	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	45,126.74	
ADDITION	5	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	1,238.06	

Type	Period	WBS	Description	In-Service Date	Profit center	Project #	Utility account	UA Naruc	Amount	Eligibility
ADDITION	4	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	954.36	
ADDITION	4	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	16,687.21	
ADDITION	5	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	2,630.23	
ADDITION	5	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	34,365.77	
ADDITION	5	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	1,753.48	
ADDITION	5	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	37.97	
ADDITION	5	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	4,151.66	
ADDITION	5	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	113.90	
ADDITION	6	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	17.39	
ADDITION	6	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	52.19	
ADDITION	4	R26-05G1.14-P-0001	Work Order	1/0/1900	2605	G	333000	Services	1,148.58	
ADDITION	5	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	627.19	
ADDITION	5	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	8,194.68	
ADDITION	5	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	418.13	
ADDITION	4	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	(101.91)	
ADDITION	4	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	(1,331.43)	
ADDITION	4	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	(67.93)	
ADDITION	4	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	461.62	
ADDITION	4	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	13,427.39	
ADDITION	4	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	461.63	
ADDITION	8	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	(289.83)	
ADDITION	9	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	486.82	
ADDITION	8	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	(7.22)	
ADDITION	7	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	234.53	
ADDITION	8	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	(3.10)	
ADDITION	7	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	117.27	
ADDITION	9	R26-05G1.14-P-0001	Work Order	1/0/1900	2605	G	333000	Services	314.63	
ADDITION	7	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	18,548.66	
ADDITION	7	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	(449.88)	
ADDITION	9	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	730.25	
ADDITION	9	R26-05G1.14-P-0001	Work Order	1/0/1900	2605	G	333000	Services	28.95	
ADDITION	9	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	131.78	
ADDITION	9	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	1,721.87	
ADDITION	8	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	574.89	
ADDITION	7	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	(674.81)	
ADDITION	8	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	383.26	
ADDITION	8	R26-05G1.14-P-0001	Work Order	1/0/1900	2605	G	333000	Services	22.27	
ADDITION	9	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	(8.94)	
ADDITION	8	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	7,511.32	
ADDITION	8	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	5,508.41	
ADDITION	8	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	71,971.19	
ADDITION	8	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	3,672.27	
ADDITION	8	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	(33.65)	
ADDITION	8	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	(8.41)	
ADDITION	8	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	(3,150.41)	
ADDITION	8	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	(78.50)	
ADDITION	8	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	(33.65)	
ADDITION	8	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	1,545.16	
ADDITION	8	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	20,188.61	
ADDITION	8	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	1,030.11	
ADDITION	7	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	58.63	
ADDITION	7	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	547.16	
ADDITION	7	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	234.55	
ADDITION	9	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	87.86	
ADDITION	8	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	(1.55)	
ADDITION	8	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	(3.10)	
ADDITION	8	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	(0.77)	
ADDITION	8	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	1,771.75	
ADDITION	8	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	23,149.12	
ADDITION	8	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	1,181.16	
ADDITION	9	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	(0.68)	
ADDITION	9	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	(0.46)	
ADDITION	9	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	9,541.09	
ADDITION	7	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	(8,816.90)	
ADDITION	8	R26-05G1.14-P-0001	Work Order	1/0/1900	2605	G	333000	Services	242.11	

Type	Period	WBS	Description	In-Service Date	Profit center	Project #	Utility account	UA Naruc	Amount	Eligibility
ADDITION	8	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	(16.82)	
ADDITION	7	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	216.86	
ADDITION	7	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	2,833.47	
ADDITION	7	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	144.58	
ADDITION	7	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	21.58	
ADDITION	7	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	5.39	
ADDITION	7	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	1,706.47	
ADDITION	7	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	50.34	
ADDITION	7	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	10.79	
ADDITION	7	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900	2602	G	333000	Services	21.58	
ADDITION	7	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	1,442.83	
ADDITION	7	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	18,851.72	
ADDITION	7	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	961.90	
ADDITION	12	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	29.76	
ADDITION	12	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	145.68	
ADDITION	12	R26-03G1.14-P-0001	Work Order	1/0/1900	2603	G	333000	Services	(3.67)	
ADDITION	10	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	138.58	
ADDITION	10	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	233.85	
ADDITION	12	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	21.99	
ADDITION	12	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	48.56	
ADDITION	12	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	(9.99)	
ADDITION	11	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	75.63	
ADDITION	12	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	3,242.85	
ADDITION	12	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	(344.06)	
ADDITION	10	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	68,099.06	
ADDITION	12	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	97.12	
ADDITION	12	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	10,584.52	
ADDITION	12	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	(725.96)	
ADDITION	12	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	(10.00)	
ADDITION	12	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	145.70	
ADDITION	12	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	344.88	
ADDITION	12	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	344.86	
ADDITION	12	R26-05G1.14-P-0001	Work Order	1/0/1900	2605	G	333000	Services	(3.37)	
ADDITION	11	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	50.43	
ADDITION	12	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	44.63	
ADDITION	10	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	92.39	
ADDITION	12	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	21.99	
ADDITION	12	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	1,597.86	
ADDITION	12	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	7.33	
ADDITION	12	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	(688.11)	
ADDITION	12	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	(74,990.33)	
ADDITION	12	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	(6.66)	
ADDITION	12	R26-05G1.14-P-0001	Work Order	1/0/1900	2605	G	333000	Services	32.72	
ADDITION	12	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	145.68	
ADDITION	12	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	229.92	
ADDITION	12	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	114.96	
ADDITION	12	R26-02G1.15-P-0001	Work Order	1/0/1900	2602	G	333000	Services	(2.86)	
ADDITION	12	R26-05G1.14-P-0001	Work Order	1/0/1900	2605	G	333000	Services	355.69	
ADDITION	11	R26-05G1.14-P-0001	Work Order	1/0/1900	2605	G	333000	Services	30.62	
ADDITION	11	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	75.64	
ADDITION	11	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	4,465.67	
ADDITION	12	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	44.64	
ADDITION	12	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	44.63	
ADDITION	12	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	14.88	
ADDITION	10	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	12,192.68	
ADDITION	12	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	(3.33)	
ADDITION	12	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	(9.99)	
ADDITION	10	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	3,609.03	
ADDITION	12	R26-03G1.14-P-0001	Work Order	1/0/1900	2603	G	333000	Services	69.00	
ADDITION	10	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	2,614.96	
ADDITION	12	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	14.66	
ADDITION	10	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	1,743.30	
ADDITION	12	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	22.00	
ADDITION	12	R26-03G1.14-P-0001	Work Order	1/0/1900	2603	G	333000	Services	750.00	
ADDITION	12	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	(1,032.15)	

Type	Period	WBS	Description	In-Service Date	Profit center	Project #	Utility account	UA Naruc	Amount	Eligibility
ADDITION	12	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	(1,032.17)	
ADDITION	12	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	(1,032.17)	
ADDITION	10	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	468.19	
ADDITION	10	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	312.13	
ADDITION	10	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	155.91	
ADDITION	10	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	6,090.16	
ADDITION	11	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	1,015.08	
ADDITION	11	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	89,894.29	
ADDITION	11	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	1,522.62	
ADDITION	11	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	1,522.61	
ADDITION	11	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	439.02	
ADDITION	11	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	38,878.68	
ADDITION	11	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	658.52	
ADDITION	11	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	658.52	
ADDITION	12	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	25,056.45	
ADDITION	12	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	344.88	
ADDITION	12	R26-02G1.15-P-0001	Work Order	1/0/1900	2602	G	333000	Services	584.05	
ADDITION	11	R26-05G1.14-P-0001	Work Order	1/0/1900	2605	G	333000	Services	332.82	
ADDITION	11	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	38.25	
ADDITION	11	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	3,387.01	
ADDITION	11	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	57.37	
ADDITION	11	R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900	2602	G	333000	Services	57.37	
ADDITION	1	R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900	2602	H	333000	Services	87,686.21	QIIP
ADDITION	1	R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900	2602	H	333000	Services	1,277.20	QIIP
ADDITION	1	R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900	2602	H	333000	Services	1,074.64	QIIP
ADDITION	1	R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900	2602	H	333000	Services	10,482.19	QIIP
ADDITION	2	R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900	2602	H	333000	Services	3,214.38	QIIP
ADDITION	2	R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900	2602	H	333000	Services	(50,883.32)	QIIP
ADDITION	2	R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900	2602	H	333000	Services	79,941.02	QIIP
ADDITION	3	R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900	2602	H	333000	Services	1,122.94	QIIP
ADDITION	3	R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900	2602	H	333000	Services	1,932.94	QIIP
ADDITION	3	R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900	2602	H	333000	Services	54,992.28	QIIP
ADDITION	3	R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900	2602	H	333000	Services	(67,906.60)	QIIP
ADDITION	1	R26-05H1.14-P-0001	Work Order	1/0/1900	2605	H	333000	Services	4,847.41	QIIP
ADDITION	2	R26-05H1.14-P-0001	Work Order	1/0/1900	2605	H	333000	Services	2,326.89	QIIP
ADDITION	2	R26-05H1.14-P-0001	Work Order	1/0/1900	2605	H	333000	Services	260.34	QIIP
ADDITION	3	R26-05H1.14-P-0001	Work Order	1/0/1900	2605	H	333000	Services	2,877.26	QIIP
ADDITION	3	R26-05H1.14-P-0001	Work Order	1/0/1900	2605	H	333000	Services	472.68	QIIP
ADDITION	3	R26-05H1.14-P-0001	Work Order	1/0/1900	2605	H	333000	Services	2,260.54	QIIP
ADDITION	4	R26-05H1.14-P-0001	Work Order	1/0/1900	2605	H	333000	Services	788.14	QIIP
ADDITION	6	R26-05H1.14-P-0001	Work Order	1/0/1900	2605	H	333000	Services	3,953.39	QIIP
ADDITION	4	R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900	2602	H	333000	Services	(52,740.14)	QIIP
ADDITION	4	R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900	2602	H	333000	Services	287.69	QIIP
ADDITION	4	R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900	2602	H	333000	Services	1,009.99	QIIP
ADDITION	6	R26-05H1.14-P-0001	Work Order	1/0/1900	2605	H	333000	Services	363.71	QIIP
ADDITION	4	R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900	2602	H	333000	Services	65,444.85	QIIP
ADDITION	6	R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900	2602	H	333000	Services	1,174.40	QIIP
ADDITION	6	R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900	2602	H	333000	Services	(9,996.90)	QIIP
ADDITION	6	R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900	2602	H	333000	Services	99,297.89	QIIP
ADDITION	5	R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900	2602	H	333000	Services	(50,479.56)	QIIP
ADDITION	5	R26-05H1.14-P-0001	Work Order	1/0/1900	2605	H	333000	Services	3,805.39	QIIP
ADDITION	6	R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900	2602	H	333000	Services	520.23	QIIP
ADDITION	5	R26-05H1.14-P-0001	Work Order	1/0/1900	2605	H	333000	Services	350.10	QIIP
ADDITION	5	R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900	2602	H	333000	Services	2,584.05	QIIP
ADDITION	4	R26-05H1.14-P-0001	Work Order	1/0/1900	2605	H	333000	Services	8,566.74	QIIP
ADDITION	5	R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900	2602	H	333000	Services	14,477.19	QIIP
ADDITION	9	R26-05H1.14-P-0001	Work Order	1/0/1900	2605	H	333000	Services	825.22	QIIP
ADDITION	9	R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900	2602	H	333000	Services	(1,407.50)	QIIP
ADDITION	8	R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900	2602	H	333000	Services	708.27	QIIP
ADDITION	9	R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900	2602	H	333000	Services	5.03	QIIP
ADDITION	8	R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900	2602	H	333000	Services	31,918.67	QIIP
ADDITION	8	R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900	2602	H	333000	Services	63,373.82	QIIP
ADDITION	7	R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900	2602	H	333000	Services	(83,008.40)	QIIP
ADDITION	8	R26-05H1.14-P-0001	Work Order	1/0/1900	2605	H	333000	Services	155.07	QIIP
ADDITION	9	R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900	2602	H	333000	Services	(19,252.69)	QIIP

Type	Period	WBS	Description	In-Service Date	Profit center	Project #	Utility account	UA Naruc	Amount	Eligibility
ADDITION	8	R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900	2602	H	333000	Services	24,897.31	QIIP
ADDITION	8	R26-05H1.14-P-0001	Work Order	1/0/1900	2605	H	333000	Services	1,685.49	QIIP
ADDITION	7	R26-05H1.14-P-0001	Work Order	1/0/1900	2605	H	333000	Services	1,209.09	QIIP
ADDITION	7	R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900	2602	H	333000	Services	2,086.09	QIIP
ADDITION	7	R26-05H1.14-P-0001	Work Order	1/0/1900	2605	H	333000	Services	599.43	QIIP
ADDITION	7	R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900	2602	H	333000	Services	6,588.67	QIIP
ADDITION	9	R26-05H1.14-P-0001	Work Order	1/0/1900	2605	H	333000	Services	9,382.92	QIIP
ADDITION	7	R26-05H1.14-P-0001	Work Order	1/0/1900	2605	H	333000	Services	12,542.86	QIIP
ADDITION	12	R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900	2602	H	333000	Services	1,509.87	QIIP
ADDITION	11	R26-05H1.14-P-0001	Work Order	1/0/1900	2605	H	333000	Services	(240.27)	QIIP
ADDITION	12	R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900	2602	H	333000	Services	(471.61)	QIIP
ADDITION	12	R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900	2602	H	333000	Services	(1,448.85)	QIIP
ADDITION	12	R26-02H1.15-P-0001	Work Order	1/0/1900	2602	H	333000	Services	(1.87)	QIIP
ADDITION	11	R26-05H1.14-P-0001	Work Order	1/0/1900	2605	H	333000	Services	1,113.49	QIIP
ADDITION	11	R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900	2602	H	333000	Services	4,296.73	QIIP
ADDITION	10	R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900	2602	H	333000	Services	6,160.05	QIIP
ADDITION	10	R26-05H1.14-P-0001	Work Order	1/0/1900	2605	H	333000	Services	5,384.33	QIIP
ADDITION	12	R26-05H1.14-P-0001	Work Order	1/0/1900	2605	H	333000	Services	870.55	QIIP
ADDITION	12	R26-05H1.14-P-0001	Work Order	1/0/1900	2605	H	333000	Services	(145.02)	QIIP
ADDITION	12	R26-05H1.14-P-0001	Work Order	1/0/1900	2605	H	333000	Services	4,312.36	QIIP
ADDITION	12	R26-05H1.14-P-0001	Work Order	1/0/1900	2605	H	333000	Services	7,246.95	QIIP
ADDITION	10	R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900	2602	H	333000	Services	19,685.88	QIIP
ADDITION	10	R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900	2602	H	333000	Services	2,280.90	QIIP
ADDITION	10	R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900	2602	H	333000	Services	20,351.25	QIIP
ADDITION	10	R26-05H1.14-P-0001	Work Order	1/0/1900	2605	H	333000	Services	8,051.89	QIIP
ADDITION	10	R26-05H1.14-P-0001	Work Order	1/0/1900	2605	H	333000	Services	740.77	QIIP
ADDITION	11	R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900	2602	H	333000	Services	19,083.91	QIIP
ADDITION	11	R26-05H1.14-P-0001	Work Order	1/0/1900	2605	H	333000	Services	5,150.09	QIIP
ADDITION	11	R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900	2602	H	333000	Services	22,873.35	QIIP
ADDITION	12	R26-02H1.15-P-0001	Work Order	1/0/1900	2602	H	333000	Services	380.94	QIIP
ADDITION	12	R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900	2602	H	333000	Services	19,617.96	QIIP
ADDITION	11	R26-05H1.14-P-0001	Work Order	1/0/1900	2605	H	333000	Services	6,959.08	QIIP
ADDITION	11	R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900	2602	H	333000	Services	11,044.35	QIIP
ADDITION	1	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	7,005.41	
ADDITION	1	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	675.41	
ADDITION	1	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	8,293.84	
ADDITION	1	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	570.49	
ADDITION	1	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	2.00	
ADDITION	1	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	4.00	
ADDITION	1	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	8.00	
ADDITION	1	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	3.99	
ADDITION	1	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	0.33	
ADDITION	1	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	0.16	
ADDITION	1	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	0.65	
ADDITION	1	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	0.32	
ADDITION	2	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	474.57	
ADDITION	2	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	474.58	
ADDITION	2	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	474.58	
ADDITION	2	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	474.58	
ADDITION	2	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	474.58	
ADDITION	2	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	6,695.07	
ADDITION	2	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	821.85	
ADDITION	2	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	128,452.76	
ADDITION	2	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	163.92	
ADDITION	2	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	725.94	
ADDITION	2	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	302.92	
ADDITION	2	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	1,426.15	
ADDITION	2	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	67,790.28	
ADDITION	2	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	32.87	
ADDITION	2	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	32.84	
ADDITION	2	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	32.87	
ADDITION	2	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	32.87	
ADDITION	2	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	16.41	

Type	Period	WBS	Description	In-Service Date	Profit center	Project #	Utility account	UA Naruc	Amount	Eligibility
ADDITION	2	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	(4,959.44)	
ADDITION	2	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	(7,575.90)	
ADDITION	2	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	(8,969.25)	
ADDITION	2	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	(188.11)	
ADDITION	2	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	(376.83)	
ADDITION	2	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	(4.31)	
ADDITION	2	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	(8.65)	
ADDITION	2	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	(130,511.52)	
ADDITION	2	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	(73,313.47)	
ADDITION	2	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	(4.33)	
ADDITION	2	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	(2.16)	
ADDITION	2	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	(300.67)	
ADDITION	2	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	(150.07)	
ADDITION	3	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	1,617.61	
ADDITION	3	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	1,617.61	
ADDITION	3	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	148.82	
ADDITION	3	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	148.82	
ADDITION	3	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	1,617.59	
ADDITION	3	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	1,617.61	
ADDITION	3	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	148.82	
ADDITION	3	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	148.82	
ADDITION	3	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	148.82	
ADDITION	3	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	1,617.61	
ADDITION	3	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	148.82	
ADDITION	3	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	148.82	
ADDITION	3	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	1,617.61	
ADDITION	3	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	1,617.61	
ADDITION	1	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	21.94	
ADDITION	1	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	238.46	
ADDITION	1	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	6,239.56	
ADDITION	2	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	2,814.14	
ADDITION	2	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	25,482.37	
ADDITION	2	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	828.97	
ADDITION	3	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	45.72	
ADDITION	3	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	14.49	
ADDITION	3	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	7.23	
ADDITION	3	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	22.78	
ADDITION	3	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	65.51	
ADDITION	3	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	11.37	
ADDITION	3	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	131.27	
ADDITION	3	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	91.62	
ADDITION	3	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	68.58	
ADDITION	3	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	17.05	
ADDITION	3	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	34.17	
ADDITION	3	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	137.42	
ADDITION	3	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	10.85	
ADDITION	3	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	21.74	
ADDITION	3	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	98.28	
ADDITION	3	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	196.90	
ADDITION	3	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	441.48	
ADDITION	3	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	175.72	
ADDITION	3	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	1,775.65	
ADDITION	3	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	706.75	
ADDITION	3	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	280.89	
ADDITION	3	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	111.80	
ADDITION	3	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	2,544.27	
ADDITION	3	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	1,012.68	
ADDITION	2	R26-0511.14-P-0001	Meters - New	1/0/1900	2605	I	334200	Meter Installations	601.84	
ADDITION	2	R26-0511.14-P-0001	Meters - New	1/0/1900	2605	I	334200	Meter Installations	6,541.74	
ADDITION	3	R26-0511.14-P-0001	Meters - New	1/0/1900	2605	I	334200	Meter Installations	939.03	
ADDITION	3	R26-0511.14-P-0001	Meters - New	1/0/1900	2605	I	334200	Meter Installations	86.39	
ADDITION	4	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	280.89	
ADDITION	4	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	10.85	
ADDITION	6	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	165.28	
ADDITION	4	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	111.80	

Type	Period	WBS	Description	In-Service Date	Profit center	Project #	Utility account	UA Naruc	Amount	Eligibility
ADDITION	4	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	14.49	
ADDITION	6	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	16.69	
ADDITION	6	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	6.38	
ADDITION	4	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	16.17	
ADDITION	4	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	16.17	
ADDITION	4	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	21.74	
ADDITION	4	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	(10.85)	
ADDITION	4	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	(7.23)	
ADDITION	4	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	(111.80)	
ADDITION	6	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	516.40	
ADDITION	4	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	935.84	
ADDITION	4	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	32.42	
ADDITION	4	R26-0511.14-P-0001	Meters - New	1/0/1900	2605	I	334200	Meter Installations	13.04	
ADDITION	5	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	226.72	
ADDITION	4	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	7.23	
ADDITION	4	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	10,172.20	
ADDITION	4	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	4,387.76	
ADDITION	4	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	352.26	
ADDITION	4	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	(21.74)	
ADDITION	4	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	352.26	
ADDITION	6	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	8.53	
ADDITION	5	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	339.45	
ADDITION	6	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	65.79	
ADDITION	6	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	12.79	
ADDITION	6	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	4.26	
ADDITION	6	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	5.55	
ADDITION	6	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	33.44	
ADDITION	4	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	175.81	
ADDITION	6	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	11.15	
ADDITION	6	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	1,796.55	
ADDITION	6	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	69.39	
ADDITION	6	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	715.08	
ADDITION	6	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	139.04	
ADDITION	6	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	46.26	
ADDITION	6	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	60.47	
ADDITION	6	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	363.46	
ADDITION	6	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	13,145.94	
ADDITION	6	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	5,613.03	
ADDITION	6	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	121.15	
ADDITION	6	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	181.40	
ADDITION	4	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	(14.49)	
ADDITION	4	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	32.41	
ADDITION	4	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	403.67	
ADDITION	5	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	10,503.73	
ADDITION	5	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	(280.89)	
ADDITION	5	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	(10.85)	
ADDITION	5	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	(111.80)	
ADDITION	5	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	(14.49)	
ADDITION	5	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	(21.74)	
ADDITION	5	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	113.14	
ADDITION	5	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	680.15	
ADDITION	5	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	24,600.18	
ADDITION	5	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	(7.23)	
ADDITION	6	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	1,209.43	
ADDITION	4	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	175.81	
ADDITION	6	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	92.68	
ADDITION	5	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	10.41	
ADDITION	5	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	2,263.22	
ADDITION	5	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	966.34	
ADDITION	5	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	20.86	
ADDITION	5	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	62.57	
ADDITION	5	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	31.23	
ADDITION	4	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	(280.89)	
ADDITION	4	R26-0511.14-P-0001	Meters - New	1/0/1900	2605	I	334200	Meter Installations	141.70	
ADDITION	4	R26-0211.14-P-0002	PURCHASE 4" METER FOR TN VALLEY ICE	4/15/2014	2602	I	334200	Meter Installations	2,163.25	

Type	Period	WBS	Description	In-Service Date	Profit center	Project #	Utility account	UA Naruc	Amount	Eligibility
ADDITION	9	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	263.04	
ADDITION	7	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	99.91	
ADDITION	8	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	(1.80)	
ADDITION	9	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	2,710.50	
ADDITION	8	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	(3.59)	
ADDITION	9	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	351.34	
ADDITION	9	R26-0211.14-P-0005	purchase and install 8" meter - Als	8/1/2014	2602	I	334200	Meter Installations	(12,887.73)	
ADDITION	8	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	(1.79)	
ADDITION	7	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	200.18	
ADDITION	9	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	6,809.86	
ADDITION	9	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	32.33	
ADDITION	9	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	249.36	
ADDITION	9	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	48.49	
ADDITION	9	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	16.13	
ADDITION	7	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	6,119.77	
ADDITION	7	R26-0211.14-P-0003	8" Mstr Mtr The Springs at Chatt on	7/31/2014	2602	I	334100	Meters	6,300.55	
ADDITION	9	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	175.35	
ADDITION	7	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	49.96	
ADDITION	7	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	200.18	
ADDITION	8	R26-0211.14-P-0005	purchase and install 8" meter - Als	8/1/2014	2602	I	334200	Meter Installations	25,775.46	
ADDITION	8	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	778.78	
ADDITION	8	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	15,094.59	
ADDITION	8	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	583.03	
ADDITION	8	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	6,008.03	
ADDITION	8	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	1,168.18	
ADDITION	8	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	388.69	
ADDITION	8	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	(4.86)	
ADDITION	8	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	(39.08)	
ADDITION	8	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	(19.53)	
ADDITION	8	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	(19.50)	
ADDITION	8	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	(3,744.40)	
ADDITION	8	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	(1,437.78)	
ADDITION	8	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	(39.08)	
ADDITION	8	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	(9.75)	
ADDITION	8	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	(9.77)	
ADDITION	8	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	(19.50)	
ADDITION	9	R26-0211.14-P-0005	purchase and install 8" meter - Als	8/1/2014	2602	I	334200	Meter Installations	(1,185.67)	
ADDITION	9	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	626.50	
ADDITION	8	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	14.49	
ADDITION	8	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	280.89	
ADDITION	8	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	10.85	
ADDITION	8	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	111.80	
ADDITION	8	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	21.74	
ADDITION	8	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	7.23	
ADDITION	8	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	(0.45)	
ADDITION	9	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	527.02	
ADDITION	8	R26-0211.14-P-0005	purchase and install 8" meter - Als	8/1/2014	2602	I	334200	Meter Installations	6,185.64	
ADDITION	7	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	50.05	
ADDITION	7	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	16,294.39	
ADDITION	7	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	100.09	
ADDITION	7	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	24.98	
ADDITION	8	R26-0211.14-P-0005	purchase and install 8" meter - Als	8/1/2014	2602	I	334200	Meter Installations	2,371.34	
ADDITION	8	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	70.33	
ADDITION	8	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	1,362.86	
ADDITION	8	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	52.64	
ADDITION	8	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	542.45	
ADDITION	8	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	105.47	
ADDITION	8	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	35.09	
ADDITION	8	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	(1.79)	
ADDITION	8	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	(344.49)	
ADDITION	8	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	(132.28)	
ADDITION	8	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	(3.59)	
ADDITION	8	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	(0.90)	
ADDITION	8	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	(0.90)	
ADDITION	7	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	99.91	

Type	Period	WBS	Description	In-Service Date	Profit center	Project #	Utility account	UA Naruc	Amount	Eligibility
ADDITION	7	R26-0211.14-P-0004	6" Mst Mtr Bridgeway Apts McCutcheo	7/2/2014	2602	I	334100	Meters	3,802.58	
ADDITION	7	R26-0211.14-P-0004	6" Mst Mtr Bridgeway Apts McCutcheo	7/2/2014	2602	I	334100	Meters	11.46	
ADDITION	7	R26-0211.14-P-0003	8" Mstr Mtr The Springs at Chatt on	7/31/2014	2602	I	334100	Meters	18.99	
ADDITION	9	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	24.20	
ADDITION	7	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	2.09	
ADDITION	7	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	40.52	
ADDITION	7	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	1.57	
ADDITION	7	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	3.14	
ADDITION	7	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	1.04	
ADDITION	7	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	2.29	
ADDITION	7	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	18.42	
ADDITION	7	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	16.13	
ADDITION	7	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	9.21	
ADDITION	7	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	9.19	
ADDITION	7	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	1,499.09	
ADDITION	7	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	563.02	
ADDITION	7	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	18.42	
ADDITION	7	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	4.60	
ADDITION	7	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200	Meter Installations	4.60	
ADDITION	7	R26-0211.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100	Meters	9.19	
ADDITION	7	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	11.34	
ADDITION	8	R26-0211.14-P-0005	purchase and install 8" meter - Als	8/1/2014	2602	I	334200	Meter Installations	61.06	
ADDITION	7	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	22.73	
ADDITION	7	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	440.49	
ADDITION	7	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	17.01	
ADDITION	7	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	175.33	
ADDITION	7	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	34.09	
ADDITION	7	R26-0211.14-P-0002	PURCHASE 4" METER FOR TN VALLEY ICE	4/15/2014	2602	I	334200	Meter Installations	2,163.25	
ADDITION	7	R26-0211.14-P-0002	PURCHASE 4" METER FOR TN VALLEY ICE	4/15/2014	2602	I	334200	Meter Installations	(2,163.25)	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	(133.23)	
ADDITION	10	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	4,906.65	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	175.23	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	4.07	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	(0.92)	
ADDITION	11	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	943.48	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	31.08	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	2.04	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	(1.85)	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	(1.23)	
ADDITION	11	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	10.75	
ADDITION	11	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	16.13	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	31.08	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	62.30	
ADDITION	10	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	478.23	
ADDITION	10	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	44.00	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	4.21	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	6.12	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	(0.92)	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	(52.99)	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	(1.85)	
ADDITION	11	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	8.05	
ADDITION	11	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	8.05	
ADDITION	11	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	16.13	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	41.53	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	62.30	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	62.30	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	41.46	
ADDITION	10	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	238.68	
ADDITION	10	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	1,131.88	
ADDITION	10	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	451.41	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	4.21	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	2.10	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	2.10	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	302.89	
ADDITION	10	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	11.69	

Type	Period	WBS	Description	In-Service Date	Profit center	Project #	Utility account	UA Naruc	Amount	Eligibility
ADDITION	10	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	119.97	
ADDITION	10	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	300.82	
ADDITION	10	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	7.79	
ADDITION	10	R26-0211.14-P-0005	purchase and install 8" meter - Als	8/1/2014	2602	I	334200	Meter Installations	37.44	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	1.02	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	6.12	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	3.05	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	440.53	
ADDITION	12	R26-0511.14-P-0001	Meters - New	1/0/1900	2605	I	334200	Meter Installations	(1.94)	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	(0.93)	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	(1.23)	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	(1.85)	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	(0.31)	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	(0.62)	
ADDITION	11	R26-0511.14-P-0001	Meters - New	1/0/1900	2605	I	334200	Meter Installations	36.43	
ADDITION	11	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	363.23	
ADDITION	11	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	5.37	
ADDITION	10	R26-0211.14-P-0005	purchase and install 8" meter - Als	8/1/2014	2602	I	334200	Meter Installations	18.20	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	31.11	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	4,485.49	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	1,784.17	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	20.77	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	10.35	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	4.21	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	2.10	
ADDITION	10	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	12,303.08	
ADDITION	10	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	159.12	
ADDITION	10	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	14.64	
ADDITION	10	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	21.96	
ADDITION	10	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	318.80	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	120.48	
ADDITION	10	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	5.84	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	2.80	
ADDITION	10	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	3.89	
ADDITION	10	R26-0211.14-P-0005	purchase and install 8" meter - Als	8/1/2014	2602	I	334200	Meter Installations	63.30	
ADDITION	10	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	29.33	
ADDITION	10	R26-0211.14-P-0005	purchase and install 8" meter - Als	8/1/2014	2602	I	334200	Meter Installations	10.94	
ADDITION	11	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	1.76	
ADDITION	11	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	5.29	
ADDITION	11	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	119.20	
ADDITION	11	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	2.64	
ADDITION	11	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	309.63	
ADDITION	11	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	3.53	
ADDITION	11	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	5.29	
ADDITION	11	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	2.66	
ADDITION	11	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	56.58	
ADDITION	11	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	170.04	
ADDITION	11	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	170.04	
ADDITION	11	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	3,828.91	
ADDITION	11	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	84.86	
ADDITION	11	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	9,945.61	
ADDITION	11	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	113.36	
ADDITION	11	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	84.88	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	3.05	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	6.12	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	0.70	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	2.80	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	1.40	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	4.08	
ADDITION	12	R26-0211.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	3.05	
ADDITION	11	R26-0511.14-P-0001	Meters - New	1/0/1900	2605	I	334200	Meter Installations	396.01	
ADDITION	11	R26-0211.14-P-0005	purchase and install 8" meter - Als	8/1/2014	2602	I	334200	Meter Installations	20,435.29	
ADDITION	11	R26-0211.14-P-0005	purchase and install 8" meter - Als	8/1/2014	2602	I	334200	Meter Installations	(20,449.98)	
ADDITION	1	R26-0211.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	37.05	QIIP
ADDITION	1	R26-0211.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334200	Meter Installations	37.05	QIIP

Type	Period	WBS	Description	In-Service Date	Profit center	Project #	Utility account	UA Naruc	Amount	Eligibility
ADDITION	1	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334200	Meter Installations	458.70	QIIP
ADDITION	1	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334200	Meter Installations	37.05	QIIP
ADDITION	1	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	458.70	QIIP
ADDITION	1	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334200	Meter Installations	458.70	QIIP
ADDITION	1	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334200	Meter Installations	458.69	QIIP
ADDITION	1	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334200	Meter Installations	37.05	QIIP
ADDITION	1	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334200	Meter Installations	37.05	QIIP
ADDITION	1	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	458.70	QIIP
ADDITION	1	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	458.71	QIIP
ADDITION	1	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	37.02	QIIP
ADDITION	1	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	458.70	QIIP
ADDITION	1	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	37.05	QIIP
ADDITION	1	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334200	Meter Installations	458.70	QIIP
ADDITION	1	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	37.05	QIIP
ADDITION	1	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334200	Meter Installations	37.05	QIIP
ADDITION	1	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	458.70	QIIP
ADDITION	1	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	37.05	QIIP
ADDITION	1	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334200	Meter Installations	458.70	QIIP
ADDITION	2	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	142.22	QIIP
ADDITION	2	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334200	Meter Installations	142.22	QIIP
ADDITION	2	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	142.22	QIIP
ADDITION	2	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334200	Meter Installations	(113.10)	QIIP
ADDITION	2	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334200	Meter Installations	142.22	QIIP
ADDITION	2	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	142.22	QIIP
ADDITION	2	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334200	Meter Installations	(113.10)	QIIP
ADDITION	2	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	142.23	QIIP
ADDITION	2	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	142.22	QIIP
ADDITION	2	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334200	Meter Installations	142.22	QIIP
ADDITION	2	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	(113.09)	QIIP
ADDITION	2	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334200	Meter Installations	(113.10)	QIIP
ADDITION	2	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	142.30	QIIP
ADDITION	3	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334200	Meter Installations	(32.38)	QIIP
ADDITION	3	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	(32.34)	QIIP
ADDITION	3	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	(2.97)	QIIP
ADDITION	3	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334200	Meter Installations	(2.98)	QIIP
ADDITION	3	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334200	Meter Installations	(2.98)	QIIP
ADDITION	3	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	(32.38)	QIIP
ADDITION	3	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334200	Meter Installations	(32.38)	QIIP
ADDITION	3	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	(2.98)	QIIP
ADDITION	3	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334200	Meter Installations	(2.98)	QIIP
ADDITION	3	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	(32.38)	QIIP
ADDITION	3	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	(2.98)	QIIP
ADDITION	3	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334200	Meter Installations	(2.98)	QIIP
ADDITION	3	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	(32.38)	QIIP
ADDITION	3	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334200	Meter Installations	(2.98)	QIIP
ADDITION	3	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	(32.38)	QIIP
ADDITION	3	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334200	Meter Installations	(2.98)	QIIP
ADDITION	3	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	(32.38)	QIIP
ADDITION	3	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334200	Meter Installations	(2.98)	QIIP
ADDITION	1	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334100	Meters	199.24	QIIP
ADDITION	1	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334200	Meter Installations	199.24	QIIP
ADDITION	1	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334100	Meters	7,287.10	QIIP
ADDITION	1	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334200	Meter Installations	(1,083.38)	QIIP
ADDITION	1	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334100	Meters	(1,083.34)	QIIP
ADDITION	2	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334200	Meter Installations	191.49	QIIP
ADDITION	2	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334100	Meters	191.48	QIIP

Type	Period	WBS	Description	In-Service Date	Profit center	Project #	Utility account	UA Naruc	Amount	Eligibility
ADDITION	2	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334100	Meters	1,562.67	QIIP
ADDITION	2	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334100	Meters	5,756.17	QIIP
ADDITION	2	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334100	Meters	(199.24)	QIIP
ADDITION	2	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334200	Meter Installations	(199.24)	QIIP
ADDITION	3	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334200	Meter Installations	525.86	QIIP
ADDITION	3	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334100	Meters	525.85	QIIP
ADDITION	3	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334100	Meters	11,814.58	QIIP
ADDITION	3	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334100	Meters	(191.48)	QIIP
ADDITION	3	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334200	Meter Installations	(191.49)	QIIP
ADDITION	3	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334200	Meter Installations	-	QIIP
ADDITION	1	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	208.73	QIIP
ADDITION	1	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	19.20	QIIP
ADDITION	1	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	3,468.58	QIIP
ADDITION	2	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	261.63	QIIP
ADDITION	2	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	(624.81)	QIIP
ADDITION	2	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	4,436.38	QIIP
ADDITION	3	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	1,052.10	QIIP
ADDITION	3	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	6,025.73	QIIP
ADDITION	3	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	1,158.64	QIIP
ADDITION	3	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	1,687.31	QIIP
ADDITION	3	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	818.63	QIIP
ADDITION	3	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	179.39	QIIP
ADDITION	4	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	2,248.04	QIIP
ADDITION	4	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334100	Meters	478.03	QIIP
ADDITION	4	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	1,143.19	QIIP
ADDITION	6	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	17,876.16	QIIP
ADDITION	6	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334100	Meters	2,887.73	QIIP
ADDITION	4	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334200	Meter Installations	478.03	QIIP
ADDITION	4	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334200	Meter Installations	(1,519.44)	QIIP
ADDITION	4	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334100	Meters	(1,519.41)	QIIP
ADDITION	5	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334100	Meters	3,003.61	QIIP
ADDITION	4	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334100	Meters	230.22	QIIP
ADDITION	6	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	1,863.36	QIIP
ADDITION	6	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334100	Meters	325.66	QIIP
ADDITION	6	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	939.48	QIIP
ADDITION	5	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334200	Meter Installations	3,003.65	QIIP
ADDITION	5	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	4,196.18	QIIP
ADDITION	4	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	1,819.46	QIIP
ADDITION	6	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	1,190.39	QIIP
ADDITION	4	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334200	Meter Installations	230.23	QIIP
ADDITION	6	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	302.13	QIIP
ADDITION	6	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334200	Meter Installations	652.02	QIIP
ADDITION	6	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334200	Meter Installations	325.66	QIIP
ADDITION	5	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	4,611.69	QIIP
ADDITION	5	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334100	Meters	821.51	QIIP
ADDITION	5	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334200	Meter Installations	821.53	QIIP
ADDITION	4	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	(1,326.51)	QIIP
ADDITION	6	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334200	Meter Installations	2,887.79	QIIP
ADDITION	4	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	2,684.86	QIIP
ADDITION	5	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	872.76	QIIP
ADDITION	5	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334100	Meters	299.85	QIIP
ADDITION	5	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334200	Meter Installations	299.85	QIIP
ADDITION	5	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	(2,248.04)	QIIP
ADDITION	5	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	1,009.55	QIIP
ADDITION	5	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334100	Meters	184.21	QIIP
ADDITION	5	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334200	Meter Installations	184.23	QIIP
ADDITION	5	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	1,374.57	QIIP
ADDITION	5	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	1,136.15	QIIP
ADDITION	5	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	(1,705.46)	QIIP
ADDITION	5	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334100	Meters	(750.14)	QIIP
ADDITION	5	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334200	Meter Installations	(750.16)	QIIP
ADDITION	6	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334100	Meters	652.01	QIIP
ADDITION	4	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	7,560.90	QIIP
ADDITION	4	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334100	Meters	3,543.78	QIIP
ADDITION	4	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334200	Meter Installations	3,543.85	QIIP

Type	Period	WBS	Description	In-Service Date	Profit center	Project #	Utility account	UA Naruc	Amount	Eligibility
ADDITION	7	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334100	Meters	4,103.01	QIIP
ADDITION	7	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334200	Meter Installations	4,103.08	QIIP
ADDITION	9	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	74,694.15	QIIP
ADDITION	7	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	20,629.07	QIIP
ADDITION	9	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	5,131.85	QIIP
ADDITION	9	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	2,332.14	QIIP
ADDITION	9	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	62,607.43	QIIP
ADDITION	9	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	6.64	QIIP
ADDITION	9	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	(9,399.09)	QIIP
ADDITION	9	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	8.96	QIIP
ADDITION	8	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	45,786.89	QIIP
ADDITION	8	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	2,025.93	QIIP
ADDITION	8	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334200	Meter Installations	(775.56)	QIIP
ADDITION	8	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	9,361.65	QIIP
ADDITION	8	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334100	Meters	(71.35)	QIIP
ADDITION	8	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334200	Meter Installations	(71.35)	QIIP
ADDITION	8	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	3,430.78	QIIP
ADDITION	7	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	582.50	QIIP
ADDITION	7	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334100	Meters	909.94	QIIP
ADDITION	7	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334200	Meter Installations	909.96	QIIP
ADDITION	7	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	1,324.18	QIIP
ADDITION	7	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	6,126.56	QIIP
ADDITION	7	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334100	Meters	461.19	QIIP
ADDITION	7	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334200	Meter Installations	461.20	QIIP
ADDITION	7	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	41,597.55	QIIP
ADDITION	8	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	51,967.25	QIIP
ADDITION	8	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334100	Meters	(775.54)	QIIP
ADDITION	7	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	2,593.50	QIIP
ADDITION	12	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	1,052.21	QIIP
ADDITION	12	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	(1,697.00)	QIIP
ADDITION	12	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	(6,637.72)	QIIP
ADDITION	12	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	15,610.36	QIIP
ADDITION	12	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	(1,997.11)	QIIP
ADDITION	11	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	4,891.12	QIIP
ADDITION	10	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	(2,254.98)	QIIP
ADDITION	11	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	3,448.78	QIIP
ADDITION	12	R26-02J1.15-P-0001	Work Order	1/0/1900	2602	J	334200	Meter Installations	648.50	QIIP
ADDITION	12	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	6,980.70	QIIP
ADDITION	10	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	100,404.81	QIIP
ADDITION	11	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	1,331.16	QIIP
ADDITION	10	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	20,935.30	QIIP
ADDITION	12	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	86.07	QIIP
ADDITION	10	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	1,129.95	QIIP
ADDITION	10	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	9,027.45	QIIP
ADDITION	10	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	17,219.37	QIIP
ADDITION	11	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	7,129.68	QIIP
ADDITION	11	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	35,979.26	QIIP
ADDITION	12	R26-02J1.15-P-0001	Work Order	1/0/1900	2602	J	334200	Meter Installations	(4.34)	QIIP
ADDITION	11	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	3,377.70	QIIP
ADDITION	4	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100	WT Equip Non-Media	4,794.24	SEC
ADDITION	4	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100	WT Equip Non-Media	367.17	SEC
ADDITION	4	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100	WT Equip Non-Media	212,820.94	SEC
ADDITION	5	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100	WT Equip Non-Media	355.10	SEC
ADDITION	5	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100	WT Equip Non-Media	7,813.45	SEC
ADDITION	5	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100	WT Equip Non-Media	582.03	SEC
ADDITION	5	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100	WT Equip Non-Media	(1,842.18)	SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100	Comm Equip Non-Telephone	8.32	SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100	Comm Equip Non-Telephone	8.32	SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2603	L	346100	Comm Equip Non-Telephone	16.64	SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100	Comm Equip Non-Telephone	8.32	SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190	Remote Control & Instrument	44.36	SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190	Remote Control & Instrument	44.36	SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190	Remote Control & Instrument	49.91	SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100	Comm Equip Non-Telephone	7.46	SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100	Comm Equip Non-Telephone	8.32	SEC

WKP 2014 Actuals
Page 31 of 37

Type	Period	WBS	Description	In-Service Date	Profit center	Project #	Utility account	UA Naruc	Amount	Eligibility
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190	Remote Control & Instrument	49.91	SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190	Remote Control & Instrument	44.36	SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100	Comm Equip Non-Telephone	0.78	SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100	Comm Equip Non-Telephone	0.83	SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100	Comm Equip Non-Telephone	0.83	SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100	Comm Equip Non-Telephone	0.83	SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2603	L	346100	Comm Equip Non-Telephone	1.66	SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100	Comm Equip Non-Telephone	0.83	SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100	Comm Equip Non-Telephone	0.83	SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190	Remote Control & Instrument	4.44	SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190	Remote Control & Instrument	4.44	SEC
ADDITION	9	R26-05L1.13-P-0001	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100	Comm Equip Non-Telephone	64.32	SEC
ADDITION	9	R26-05L1.13-P-0001	Whitwell Booster & Tank Automation	8/1/2014	2603	L	346100	Comm Equip Non-Telephone	25.73	SEC
ADDITION	9	R26-05L1.13-P-0001	Whitwell Booster & Tank Automation	8/1/2014	2605	L	340200	Comp & Periph Equip	40.02	SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100	Comm Equip Non-Telephone	2,484.88	SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100	Comm Equip Non-Telephone	2,761.03	SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190	Remote Control & Instrument	16,566.15	SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100	Comm Equip Non-Telephone	2,761.03	SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100	Comm Equip Non-Telephone	2,761.03	SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190	Remote Control & Instrument	14,725.47	SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100	Comm Equip Non-Telephone	2,761.03	SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190	Remote Control & Instrument	14,725.47	SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2603	L	346100	Comm Equip Non-Telephone	5,522.05	SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190	Remote Control & Instrument	14,725.47	SEC
ADDITION	9	R26-05L1.13-P-0001	Whitwell Booster & Tank Automation	8/1/2014	2603	L	346100	Comm Equip Non-Telephone	11,133.05	SEC
ADDITION	8	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100	WT Equip Non-Media	43,446.19	SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190	Remote Control & Instrument	4.99	SEC
ADDITION	9	R26-05L1.13-P-0001	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190	Remote Control & Instrument	111.50	SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100	Comm Equip Non-Telephone	8.32	SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190	Remote Control & Instrument	49.91	SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190	Remote Control & Instrument	16,566.15	SEC
ADDITION	9	R26-05L1.13-P-0001	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190	Remote Control & Instrument	48,243.19	SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100	Comm Equip Non-Telephone	2,761.03	SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190	Remote Control & Instrument	16,566.15	SEC
ADDITION	9	R26-05L1.13-P-0001	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100	Comm Equip Non-Telephone	27,832.58	SEC
ADDITION	9	R26-05L1.13-P-0001	Whitwell Booster & Tank Automation	8/1/2014	2605	L	340200	Comp & Periph Equip	17,315.59	SEC
ADDITION	9	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100	WT Equip Non-Media	43,446.19	SEC
ADDITION	7	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100	WT Equip Non-Media	10,655.67	SEC
ADDITION	7	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100	WT Equip Non-Media	53,558.76	SEC
ADDITION	7	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100	WT Equip Non-Media	53,558.80	SEC
ADDITION	7	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100	WT Equip Non-Media	53,558.76	SEC
ADDITION	7	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100	WT Equip Non-Media	53,558.76	SEC
ADDITION	9	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100	WT Equip Non-Media	(43,446.19)	SEC
ADDITION	7	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100	WT Equip Non-Media	(224,890.75)	SEC
ADDITION	10	R26-05L1.13-P-0001	Whitwell Booster & Tank Automation	8/1/2014	2605	L	340200	Comp & Periph Equip	(116.63)	SEC
ADDITION	12	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100	Comm Equip Non-Telephone	1.87	SEC
ADDITION	12	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100	Comm Equip Non-Telephone	0.84	SEC
ADDITION	10	R26-05L1.13-P-0001	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190	Remote Control & Instrument	(59.98)	SEC
ADDITION	12	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100	Comm Equip Non-Telephone	1.68	SEC
ADDITION	12	R26-05L1.13-P-0001	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100	Comm Equip Non-Telephone	1.09	SEC
ADDITION	12	R26-05L1.13-P-0001	Whitwell Booster & Tank Automation	8/1/2014	2605	L	340200	Comp & Periph Equip	0.68	SEC
ADDITION	12	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190	Remote Control & Instrument	9.98	SEC
ADDITION	12	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100	Comm Equip Non-Telephone	1.87	SEC
ADDITION	12	R26-02L1.14-P-0003	UPGRADE COMMUNICATIONS EQUIPMENT FO	11/14/2014	2602	L	346190	Remote Control & Instrument	(352.21)	SEC
ADDITION	12	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100	Comm Equip Non-Telephone	1.87	SEC
ADDITION	12	R26-02L1.14-P-0003	UPGRADE COMMUNICATIONS EQUIPMENT FO	11/14/2014	2602	L	346190	Remote Control & Instrument	(41.21)	SEC
ADDITION	12	R26-05L1.13-P-0001	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190	Remote Control & Instrument	1.88	SEC
ADDITION	12	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100	Comm Equip Non-Telephone	1.87	SEC
ADDITION	12	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190	Remote Control & Instrument	11.22	SEC
ADDITION	12	R26-02L1.14-P-0003	UPGRADE COMMUNICATIONS EQUIPMENT FO	11/14/2014	2602	L	346190	Remote Control & Instrument	(376.64)	SEC
ADDITION	11	R26-02L1.14-P-0003	UPGRADE COMMUNICATIONS EQUIPMENT FO	11/14/2014	2602	L	346190	Remote Control & Instrument	15,212.90	SEC
ADDITION	11	R26-02L1.14-P-0003	UPGRADE COMMUNICATIONS EQUIPMENT FO	11/14/2014	2602	L	346190	Remote Control & Instrument	347.24	SEC

WKP 2014 Actuals
Page 32 of 37

Type	Period	WBS	Description	In-Service Date	Profit center	Project #	Utility account	UA Naruc	Amount	Eligibility
ADDITION	12	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190	Remote Control & Instrument	11.22	SEC
ADDITION	12	R26-02L1.14-P-0003	UPGRADE COMMUNICATIONS EQUIPMENT FO	11/14/2014	2602	L	346190	Remote Control & Instrument	(4,220.61)	SEC
ADDITION	12	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190	Remote Control & Instrument	5.00	SEC
ADDITION	12	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190	Remote Control & Instrument	4.44	SEC
ADDITION	12	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100	Comm Equip Non-Telephone	0.84	SEC
ADDITION	10	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190	Remote Control & Instrument	(2,341.86)	SEC
ADDITION	10	R26-05L1.13-P-0001	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100	Comm Equip Non-Telephone	(187.46)	SEC
ADDITION	10	R26-05L1.13-P-0001	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100	Comm Equip Non-Telephone	(34.60)	SEC
ADDITION	12	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100	Comm Equip Non-Telephone	0.84	SEC
ADDITION	10	R26-05L1.13-P-0001	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190	Remote Control & Instrument	(324.94)	SEC
ADDITION	10	R26-05L1.14-P-0003	Ketner Cove Tank PLC	9/10/2014	2605	L	346190	Remote Control & Instrument	5,495.51	SEC
ADDITION	10	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190	Remote Control & Instrument	(2,341.86)	SEC
ADDITION	10	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190	Remote Control & Instrument	(2,081.65)	SEC
ADDITION	10	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190	Remote Control & Instrument	(2,081.65)	SEC
ADDITION	10	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100	Comm Equip Non-Telephone	(390.31)	SEC
ADDITION	10	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100	Comm Equip Non-Telephone	(390.31)	SEC
ADDITION	10	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2603	L	346100	Comm Equip Non-Telephone	(780.62)	SEC
ADDITION	10	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190	Remote Control & Instrument	(2,081.65)	SEC
ADDITION	10	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100	Comm Equip Non-Telephone	(390.31)	SEC
ADDITION	10	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100	Comm Equip Non-Telephone	(390.31)	SEC
ADDITION	10	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190	Remote Control & Instrument	(2,341.86)	SEC
ADDITION	10	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100	Comm Equip Non-Telephone	(390.31)	SEC
ADDITION	10	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100	Comm Equip Non-Telephone	(351.30)	SEC
ADDITION	12	R26-05L1.13-P-0001	Whitwell Booster & Tank Automation	8/1/2014	2603	L	346100	Comm Equip Non-Telephone	0.43	SEC
ADDITION	12	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190	Remote Control & Instrument	9.98	SEC
ADDITION	12	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2603	L	346100	Comm Equip Non-Telephone	3.74	SEC
ADDITION	10	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190	Remote Control & Instrument	49.91	SEC
ADDITION	10	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190	Remote Control & Instrument	44.36	SEC
ADDITION	10	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190	Remote Control & Instrument	44.36	SEC
ADDITION	10	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190	Remote Control & Instrument	44.36	SEC
ADDITION	10	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100	Comm Equip Non-Telephone	8.32	SEC
ADDITION	10	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100	Comm Equip Non-Telephone	8.32	SEC
ADDITION	10	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100	Comm Equip Non-Telephone	8.32	SEC
ADDITION	10	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2603	L	346100	Comm Equip Non-Telephone	16.64	SEC

Type	Period	WBS	Description	In-Service Date	Profit center	Project #	Utility account	UA Naruc	Amount	Eligibility
ADDITION	10	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100	Comm Equip Non-Telephone	(35.14)	SEC
ADDITION	10	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190	Remote Control & Instrument	(210.86)	SEC
ADDITION	10	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100	Comm Equip Non-Telephone	(35.14)	SEC
ADDITION	10	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100	Comm Equip Non-Telephone	(31.65)	SEC
ADDITION	11	R26-02L1.14-P-0003	UPGRADE COMMUNICATIONS EQUIPMENT FO	11/14/2014	2602	L	346190	Remote Control & Instrument	768.90	SEC
ADDITION	10	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190	Remote Control & Instrument	49.91	SEC
ADDITION	10	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100	WT Equip Non-Media	-	SEC
ADDITION	10	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100	WT Equip Non-Media	-	SEC
ADDITION	10	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100	WT Equip Non-Media	-	SEC
ADDITION	10	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100	WT Equip Non-Media	-	SEC
ADDITION	10	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100	WT Equip Non-Media	-	SEC
ADDITION	12	R26-02M1.14-P-4001	Whiel Street doors	12/22/2014	2602	M	304500	Struct & Imp-General	4,283.15	SEC
ADDITION	12	R26-02M1.14-P-4003	Whiel Street gate	12/22/2014	2602	M	304500	Struct & Imp-General	1,899.67	SEC
ADDITION	12	R26-02M1.14-P-4001	Whiel Street doors	12/22/2014	2602	M	304500	Struct & Imp-General	12.91	SEC
ADDITION	12	R26-02M1.14-P-4003	Whiel Street gate	12/22/2014	2602	M	304500	Struct & Imp-General	5.72	SEC
ADDITION	12	R26-02M1.14-P-4003	Whiel Street gate	12/22/2014	2602	M	304500	Struct & Imp-General	(8.44)	SEC
ADDITION	2	R26-05Q1.14-P-0002	REP Whitwell #2 Raw Water Pump	2/3/2014	2605	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	2,682.29	SEC
ADDITION	3	R26-05Q1.14-P-0002	REP Whitwell #2 Raw Water Pump	2/3/2014	2605	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	(251.18)	SEC
ADDITION	3	R26-05Q1.14-P-0002	REP Whitwell #2 Raw Water Pump	2/3/2014	2605	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	3,210.84	SEC
ADDITION	3	R26-05Q1.14-P-0002	REP Whitwell #2 Raw Water Pump	2/3/2014	2605	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	272.29	SEC
ADDITION	3	R26-02Q1.14-P-0002	Replace N.End F/H #2 Surface Wash L	3/27/2014	2602	Q	320100	WT Equip Non-Media	(125.66)	SEC
ADDITION	3	R26-02Q1.14-P-0002	Replace N.End F/H #2 Surface Wash L	3/27/2014	2602	Q	320100	WT Equip Non-Media	7,550.20	SEC
ADDITION	3	R26-02Q1.14-P-0002	Replace N.End F/H #2 Surface Wash L	3/27/2014	2602	Q	320100	WT Equip Non-Media	24.74	SEC
ADDITION	4	R26-02Q1.14-P-0012	Purchase Air Release Valves for #2	4/17/2014	2602	Q	320100	WT Equip Non-Media	201.47	SEC
ADDITION	4	R26-02Q1.14-P-0012	Purchase Air Release Valves for #2	4/17/2014	2602	Q	320100	WT Equip Non-Media	484.94	SEC
ADDITION	4	R26-02Q1.13-P-0027	Repl UPS Battery Back Ups @ Citico	4/17/2014	2602	Q	310000	Power Generation Equip	243.03	SEC
ADDITION	4	R26-02Q1.14-P-0011	Replace Lab Fluoride Meter	4/7/2014	2602	Q	320100	WT Equip Non-Media	185.99	SEC
ADDITION	4	R26-02Q1.14-P-0003	Rehabilitation of Hill City #7 Pump	4/9/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	67,057.48	SEC
ADDITION	4	R26-03Q1.14-P-0003	Rep SCUD Chemical Feed Pumps	4/17/2014	2603	Q	320100	WT Equip Non-Media	36.04	SEC
ADDITION	6	R26-02Q1.14-P-0015	Replace #12 Low Service Coupling	6/25/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	21,876.15	SEC
ADDITION	4	R26-02Q1.14-P-0010	Replace Lab PH Meter	4/3/2014	2602	Q	320100	WT Equip Non-Media	989.47	SEC
ADDITION	4	R26-02Q1.14-P-0011	Replace Lab Fluoride Meter	4/7/2014	2602	Q	320100	WT Equip Non-Media	2,021.61	SEC
ADDITION	6	R26-02Q1.14-P-0015	Replace #12 Low Service Coupling	6/25/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	567.38	SEC
ADDITION	6	R26-02Q1.14-P-0013	Replace Carbon Slurry Line (Phase 2	6/16/2014	2602	Q	304100	Struct & Imp-Supply	(37.61)	SEC
ADDITION	4	R26-02Q1.14-P-0003	Rehabilitation of Hill City #7 Pump	4/9/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	(175.84)	SEC
ADDITION	4	R26-02Q1.13-P-0027	Repl UPS Battery Back Ups @ Citico	4/17/2014	2602	Q	310000	Power Generation Equip	480.35	SEC
ADDITION	4	R26-02Q1.14-P-0012	Purchase Air Release Valves for #2	4/17/2014	2602	Q	320100	WT Equip Non-Media	720.40	SEC
ADDITION	4	R26-02Q1.14-P-0003	Rehabilitation of Hill City #7 Pump	4/9/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	663.76	SEC
ADDITION	5	R26-02Q1.13-P-0027	Repl UPS Battery Back Ups @ Citico	4/17/2014	2602	Q	310000	Power Generation Equip	(132.39)	SEC
ADDITION	6	R26-02Q1.14-P-0015	Replace #12 Low Service Coupling	6/25/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	3,686.79	SEC
ADDITION	6	R26-02Q1.14-P-0013	Replace Carbon Slurry Line (Phase 2	6/16/2014	2602	Q	304100	Struct & Imp-Supply	24,388.64	SEC
ADDITION	4	R26-02Q1.14-P-0010	Replace Lab PH Meter	4/3/2014	2602	Q	320100	WT Equip Non-Media	91.03	SEC
ADDITION	6	R26-02Q1.14-P-0013	Replace Carbon Slurry Line (Phase 2	6/16/2014	2602	Q	304100	Struct & Imp-Supply	43.89	SEC
ADDITION	4	R26-02Q1.14-P-0003	Rehabilitation of Hill City #7 Pump	4/9/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	206.72	SEC
ADDITION	5	R26-02Q1.13-P-0027	Repl UPS Battery Back Ups @ Citico	4/17/2014	2602	Q	310000	Power Generation Equip	(1,439.05)	SEC
ADDITION	5	R26-05Q1.14-P-0003	PUR Anthracite Filter Media	5/1/2014	2605	Q	320100	WT Equip Non-Media	16,243.50	SEC
ADDITION	5	R26-03Q1.14-P-0002	REP SC Plant Turbidimeters	5/9/2014	2603	Q	320100	WT Equip Non-Media	3,809.26	SEC
ADDITION	6	R26-02Q1.14-P-0013	Replace Carbon Slurry Line (Phase 2	6/16/2014	2602	Q	304100	Struct & Imp-Supply	14,251.41	SEC
ADDITION	4	R26-03Q1.14-P-0003	Rep SCUD Chemical Feed Pumps	4/17/2014	2603	Q	320100	WT Equip Non-Media	3.32	SEC
ADDITION	4	R26-03Q1.14-P-0003	Rep SCUD Chemical Feed Pumps	4/17/2014	2603	Q	320100	WT Equip Non-Media	2,876.58	SEC
ADDITION	4	R26-02Q1.14-P-0012	Purchase Air Release Valves for #2	4/17/2014	2602	Q	320100	WT Equip Non-Media	4,550.69	SEC
ADDITION	4	R26-02Q1.13-P-0027	Repl UPS Battery Back Ups @ Citico	4/17/2014	2602	Q	310000	Power Generation Equip	25,914.14	SEC
ADDITION	6	R26-05Q1.14-P-0003	PUR Anthracite Filter Media	5/1/2014	2605	Q	320100	WT Equip Non-Media	16,243.50	SEC
ADDITION	6	R26-03Q1.14-P-0002	REP SC Plant Turbidimeters	5/9/2014	2603	Q	320100	WT Equip Non-Media	3,809.26	SEC
ADDITION	5	R26-02Q1.14-P-0010	Replace Lab PH Meter	4/3/2014	2602	Q	320100	WT Equip Non-Media	1,080.50	SEC
ADDITION	5	R26-02Q1.14-P-0011	Replace Lab Fluoride Meter	4/7/2014	2602	Q	320100	WT Equip Non-Media	2,207.60	SEC
ADDITION	5	R26-02Q1.14-P-0012	Purchase Air Release Valves for #2	4/17/2014	2602	Q	320100	WT Equip Non-Media	4,118.80	SEC
ADDITION	5	R26-03Q1.14-P-0003	Rep SCUD Chemical Feed Pumps	4/17/2014	2603	Q	320100	WT Equip Non-Media	416.57	SEC
ADDITION	5	R26-03Q1.14-P-0003	Rep SCUD Chemical Feed Pumps	4/17/2014	2603	Q	320100	WT Equip Non-Media	416.57	SEC
ADDITION	5	R26-03Q1.14-P-0003	Rep SCUD Chemical Feed Pumps	4/17/2014	2603	Q	320100	WT Equip Non-Media	416.57	SEC
ADDITION	5	R26-03Q1.14-P-0003	Rep SCUD Chemical Feed Pumps	4/17/2014	2603	Q	320100	WT Equip Non-Media	416.57	SEC
ADDITION	5	R26-03Q1.14-P-0003	Rep SCUD Chemical Feed Pumps	4/17/2014	2603	Q	320100	WT Equip Non-Media	416.57	SEC
ADDITION	5	R26-03Q1.14-P-0003	Rep SCUD Chemical Feed Pumps	4/17/2014	2603	Q	320100	WT Equip Non-Media	416.57	SEC
ADDITION	5	R26-03Q1.14-P-0003	Rep SCUD Chemical Feed Pumps	4/17/2014	2603	Q	320100	WT Equip Non-Media	416.52	SEC
ADDITION	5	R26-05Q1.14-P-0002	REP Whitwell #2 Raw Water Pump	2/3/2014	2605	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	5,914.24	SEC

Type	Period	WBS	Description	In-Service Date	Profit center	Project #	Utility account	UA Naruc	Amount	Eligibility
ADDITION	6	R26-03Q1.14-P-0002	REP SC Plant Turbidimeters	5/9/2014	2603	Q	320100	WT Equip Non-Media	(3,809.26)	SEC
ADDITION	6	R26-05Q1.14-P-0003	PUR Anthracite Filter Media	5/1/2014	2605	Q	320100	WT Equip Non-Media	(16,243.50)	SEC
ADDITION	5	R26-02Q1.14-P-0010	Replace Lab PH Meter	4/3/2014	2602	Q	320100	WT Equip Non-Media	(1,080.50)	SEC
ADDITION	5	R26-02Q1.14-P-0011	Replace Lab Fluoride Meter	4/7/2014	2602	Q	320100	WT Equip Non-Media	(2,207.60)	SEC
ADDITION	5	R26-02Q1.14-P-0012	Purchase Air Release Valves for #2	4/17/2014	2602	Q	320100	WT Equip Non-Media	(5,957.50)	SEC
ADDITION	5	R26-03Q1.14-P-0003	Rep SCUD Chemical Feed Pumps	4/17/2014	2603	Q	320100	WT Equip Non-Media	(2,915.94)	SEC
ADDITION	5	R26-05Q1.14-P-0002	REP Whitwell #2 Raw Water Pump	2/3/2014	2605	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	(2,682.29)	SEC
ADDITION	5	R26-05Q1.14-P-0002	REP Whitwell #2 Raw Water Pump	2/3/2014	2605	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	(3,231.95)	SEC
ADDITION	6	R26-03Q1.14-P-0002	REP SC Plant Turbidimeters	5/9/2014	2603	Q	304300	Struct & Imp-Treatment	-	SEC
ADDITION	5	R26-02Q1.14-P-0011	Replace Lab Fluoride Meter	4/7/2014	2602	Q	320100	WT Equip Non-Media	-	SEC
ADDITION	5	R26-03Q1.14-P-0003	Rep SCUD Chemical Feed Pumps	4/17/2014	2603	Q	320100	WT Equip Non-Media	-	SEC
ADDITION	5	R26-02Q1.14-P-0010	Replace Lab PH Meter	4/3/2014	2602	Q	344000	Laboratory Equipment	-	SEC
ADDITION	7	R26-05Q1.14-P-0004	INS Chlorine Sensor	7/14/2014	2605	Q	320100	WT Equip Non-Media	1,509.91	SEC
ADDITION	7	R26-02Q1.14-P-0014	Replace HVAC Unit - Men' Restroom @	7/31/2014	2602	Q	304100	Struct & Imp-Supply	11,730.90	SEC
ADDITION	7	R26-02Q1.14-P-0013	Replace Carbon Slurry Line (Phase 2	6/16/2014	2602	Q	304100	Struct & Imp-Supply	24,388.64	SEC
ADDITION	9	R26-02Q1.14-P-0018	Rep Hill City Backflow Prev & Press	9/17/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	429.07	SEC
ADDITION	9	R26-02Q1.14-P-0018	Rep Hill City Backflow Prev & Press	9/17/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	39.47	SEC
ADDITION	9	R26-02Q1.14-P-0015	Replace #12 Low Service Coupling	6/25/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	(3,686.79)	SEC
ADDITION	8	R26-02Q1.14-P-0015	Replace #12 Low Service Coupling	6/25/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	3,686.79	SEC
ADDITION	9	R26-02Q1.14-P-0018	Rep Hill City Backflow Prev & Press	9/17/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	4,951.93	SEC
ADDITION	7	R26-02Q1.14-P-0017	Install 6 Valve at Citico Campus @	7/16/2014	2602	Q	309000	Supply Mains	9,413.95	SEC
ADDITION	7	R26-02Q1.14-P-0015	Replace #12 Low Service Coupling	6/25/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	(3,686.79)	SEC
ADDITION	7	R26-02Q1.14-P-0013	Replace Carbon Slurry Line (Phase 2	6/16/2014	2602	Q	304100	Struct & Imp-Supply	(24,388.64)	SEC
ADDITION	7	R26-02Q1.14-P-0015	Replace #12 Low Service Coupling	6/25/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	3,686.79	SEC
ADDITION	7	R26-05Q1.14-P-0004	INS Chlorine Sensor	7/14/2014	2605	Q	320100	WT Equip Non-Media	138.91	SEC
ADDITION	7	R26-02Q1.14-P-0017	Install 6 Valve at Citico Campus @	7/16/2014	2602	Q	309000	Supply Mains	447.78	SEC
ADDITION	7	R26-02Q1.14-P-0013	Replace Carbon Slurry Line (Phase 2	6/16/2014	2602	Q	304100	Struct & Imp-Supply	2,243.75	SEC
ADDITION	8	R26-02Q1.14-P-0015	Replace #12 Low Service Coupling	6/25/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	(3,686.79)	SEC
ADDITION	8	R26-02Q1.14-P-0014	Replace HVAC Unit - Men' Restroom @	7/31/2014	2602	Q	304100	Struct & Imp-Supply	11,730.90	SEC
ADDITION	8	R26-05Q1.14-P-0004	INS Chlorine Sensor	7/14/2014	2605	Q	320100	WT Equip Non-Media	1,648.82	SEC
ADDITION	8	R26-02Q1.14-P-0002	Replace N.End F/H #2 Surface Wash L	3/27/2014	2602	Q	320100	WT Equip Non-Media	7,449.28	SEC
ADDITION	7	R26-02Q1.14-P-0003	Rehabilitation of Hill City #7 Pump	4/9/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	67,752.12	SEC
ADDITION	8	R26-02Q1.14-P-0014	Replace HVAC Unit - Men' Restroom @	7/31/2014	2602	Q	304100	Struct & Imp-Supply	(11,730.90)	SEC
ADDITION	8	R26-05Q1.14-P-0004	INS Chlorine Sensor	7/14/2014	2605	Q	320100	WT Equip Non-Media	(1,648.82)	SEC
ADDITION	8	R26-02Q1.14-P-0002	Replace N.End F/H #2 Surface Wash L	3/27/2014	2602	Q	320100	WT Equip Non-Media	(7,449.28)	SEC
ADDITION	7	R26-02Q1.14-P-0003	Rehabilitation of Hill City #7 Pump	4/9/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	(67,752.12)	SEC
ADDITION	7	R26-02Q1.14-P-0003	Rehabilitation of Hill City #7 Pump	4/9/2014	2602	Q	311200	Pump Eqp Electric	-	SEC
ADDITION	12	R26-02Q1.14-P-0035	Replace Roof @ Citico Office	12/17/2014	2602	Q	304100	Struct & Imp-Supply	(133.43)	SEC
ADDITION	12	R26-02Q1.14-P-0031	Replace Roof @ Rossville Station	12/15/2014	2602	Q	304100	Struct & Imp-Supply	9,051.61	SEC
ADDITION	12	R26-02Q1.14-P-0006	Citico Station WTP Filter #4 Rehab	8/29/2014	2602	Q	320100	WT Equip Non-Media	(333.91)	SEC
ADDITION	12	R26-02Q1.14-P-0036	Replace Roof @ Screen House Buildin	12/17/2014	2602	Q	304100	Struct & Imp-Supply	(45.53)	SEC
ADDITION	12	R26-02Q1.14-P-0037	Plant 1 Post Chlorine Feed Line Rep	12/17/2014	2602	Q	320100	WT Equip Non-Media	(12.87)	SEC
ADDITION	12	R26-02Q1.14-P-0031	Replace Roof @ Rossville Station	12/15/2014	2602	Q	304100	Struct & Imp-Supply	1,709.81	SEC
ADDITION	12	R26-02Q1.14-P-0035	Replace Roof @ Citico Office	12/17/2014	2602	Q	304100	Struct & Imp-Supply	4,749.84	SEC
ADDITION	12	R26-02Q1.14-P-0036	Replace Roof @ Screen House Buildin	12/17/2014	2602	Q	304100	Struct & Imp-Supply	699.93	SEC
ADDITION	12	R26-02Q1.14-P-0033	Replace Roof @ New York Station	12/15/2014	2602	Q	304100	Struct & Imp-Supply	344.97	SEC
ADDITION	12	R26-02Q1.14-P-0036	Replace Roof @ Screen House Buildin	12/17/2014	2602	Q	304100	Struct & Imp-Supply	10,154.51	SEC
ADDITION	10	R26-02Q1.14-P-0015	Replace #12 Low Service Coupling	6/25/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	3,686.79	SEC
ADDITION	12	R26-02Q1.14-P-0032	Replace Roof @ Red Bank Station	12/15/2014	2602	Q	304100	Struct & Imp-Supply	1,364.45	SEC
ADDITION	11	R26-02Q1.14-P-0019	Replace (2) Multilins @ Citico Pump	11/18/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	4,679.51	SEC
ADDITION	12	R26-02Q1.14-P-0032	Replace Roof @ Red Bank Station	12/15/2014	2602	Q	304100	Struct & Imp-Supply	(6.12)	SEC
ADDITION	12	R26-02Q1.14-P-0033	Replace Roof @ New York Station	12/15/2014	2602	Q	304100	Struct & Imp-Supply	(52.17)	SEC
ADDITION	12	R26-02Q1.14-P-0031	Replace Roof @ Rossville Station	12/15/2014	2602	Q	304100	Struct & Imp-Supply	(40.59)	SEC
ADDITION	12	R26-02Q1.14-P-0034	Replace Roof @ Elder Mtn. Station	12/17/2014	2602	Q	304100	Struct & Imp-Supply	(38.11)	SEC
ADDITION	12	R26-02Q1.14-P-0037	Plant 1 Post Chlorine Feed Line Rep	12/17/2014	2602	Q	320100	WT Equip Non-Media	2,869.41	SEC
ADDITION	12	R26-02Q1.14-P-0033	Replace Roof @ New York Station	12/15/2014	2602	Q	304100	Struct & Imp-Supply	11,634.20	SEC
ADDITION	12	R26-02Q1.14-P-0034	Replace Roof @ Elder Mtn. Station	12/17/2014	2602	Q	304100	Struct & Imp-Supply	8,500.16	SEC
ADDITION	12	R26-02Q1.14-P-0035	Replace Roof @ Citico Office	12/17/2014	2602	Q	304100	Struct & Imp-Supply	29,756.07	SEC
ADDITION	12	R26-02Q1.14-P-0034	Replace Roof @ Elder Mtn. Station	12/17/2014	2602	Q	304100	Struct & Imp-Supply	714.92	SEC
ADDITION	12	R26-02Q1.14-P-0006	Citico Station WTP Filter #4 Rehab	8/29/2014	2602	Q	320100	WT Equip Non-Media	334,218.84	SEC
ADDITION	12	R26-02Q1.14-P-0032	Replace Roof @ Red Bank Station	12/15/2014	2602	Q	304100	Struct & Imp-Supply	1,249.08	SEC
ADDITION	11	R26-02Q1.14-P-0015	Replace #12 Low Service Coupling	6/25/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	-	SEC
ADDITION	11	R26-02Q1.13-P-0027	Repl UPS Battery Back Ups @ Citico	4/17/2014	2602	Q	310000	Power Generation Equip	25,066.08	SEC
ADDITION	10	R26-02Q1.14-P-0015	Replace #12 Low Service Coupling	6/25/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	22,443.53	SEC
ADDITION	10	R26-02Q1.14-P-0018	Rep Hill City Backflow Prev & Press	9/17/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	5,420.47	SEC

TAW Workpapers Capital Recovery Riders Petition 11_7_17
Page 167 of 253

WKP 2014 Actuals
Page 35 of 37

Type	Period	WBS	Description	In-Service Date	Profit center	Project #	Utility account	UA Naruc	Amount	Eligibility
ADDITION	10	R26-02Q1.14-P-0017	Install 6 Valve at Citico Campus @	7/16/2014	2602	Q	309000	Supply Mains	9,861.73	SEC
ADDITION	10	R26-02Q1.14-P-0013	Replace Carbon Slurry Line (Phase 2	6/16/2014	2602	Q	304100	Struct & Imp-Supply	40,890.08	SEC
ADDITION	10	R26-05Q1.14-P-0002	REP Whitwell #2 Raw Water Pump	2/3/2014	2605	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	-	SEC
ADDITION	10	R26-02Q1.14-P-0014	Replace HVAC Unit - Men' Restroom @	7/31/2014	2602	Q	304100	Struct & Imp-Supply	-	SEC
ADDITION	12	R26-02Q1.14-P-0019	Replace (2) Multilins @ Citico Pump	11/18/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	4,679.51	SEC
ADDITION	11	R26-02Q1.14-P-0015	Replace #12 Low Service Coupling	6/25/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	(3,686.79)	SEC
ADDITION	11	R26-02Q1.13-P-0027	Repl UPS Battery Back Ups @ Citico	4/17/2014	2602	Q	310000	Power Generation Equip	(25,066.08)	SEC
ADDITION	10	R26-02Q1.14-P-0015	Replace #12 Low Service Coupling	6/25/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	(22,443.53)	SEC
ADDITION	10	R26-02Q1.14-P-0018	Rep Hill City Backflow Prev & Press	9/17/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	(5,420.47)	SEC
ADDITION	10	R26-02Q1.14-P-0017	Install 6 Valve at Citico Campus @	7/16/2014	2602	Q	309000	Supply Mains	(9,861.73)	SEC
ADDITION	10	R26-02Q1.14-P-0013	Replace Carbon Slurry Line (Phase 2	6/16/2014	2602	Q	304100	Struct & Imp-Supply	(40,890.08)	SEC
ADDITION	12	R26-02Q1.14-P-0019	Replace (2) Multilins @ Citico Pump	11/18/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	(4,679.51)	SEC
ADDITION	10	R26-02Q1.14-P-0020	Replace New Impeller for St. Elmo #	8/28/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	9,630.61	SEC
ADDITION	11	R26-02Q1.14-P-0015	Replace #12 Low Service Coupling	6/25/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	-	SEC
ADDITION	10	R26-02Q1.14-P-0013	Replace Carbon Slurry Line (Phase 2	6/16/2014	2602	Q	320100	WT Equip Non-Media	-	SEC
ADDITION	5	R26-05R1.14-P-0002	Repair Whitwell Tank	5/1/2014	2605	R	330000	Dist Reservoirs & Standpipes	18,565.68	QIIP
ADDITION	6	R26-05R1.14-P-0002	Repair Whitwell Tank	5/1/2014	2605	R	330000	Dist Reservoirs & Standpipes	18,565.68	QIIP
ADDITION	6	R26-05R1.14-P-0002	Repair Whitwell Tank	5/1/2014	2605	R	330000	Dist Reservoirs & Standpipes	(18,565.68)	QIIP
ADDITION	6	R26-05R1.14-P-0002	Repair Whitwell Tank	5/1/2014	2605	R	330200	Ground Level Tanks	-	QIIP
ADDITION	7	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	372,778.74	QIIP
ADDITION	8	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	(23,267.21)	QIIP
ADDITION	9	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	248,482.92	QIIP
ADDITION	9	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	1,275.68	QIIP
ADDITION	9	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	533.47	QIIP
ADDITION	8	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	378,252.82	QIIP
ADDITION	9	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	1,361.17	QIIP
ADDITION	8	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	(254,172.81)	QIIP
ADDITION	9	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	(287,915.91)	QIIP
ADDITION	7	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	258,674.79	QIIP
ADDITION	7	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	41,222.13	QIIP
ADDITION	7	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	1,653,302.16	QIIP
ADDITION	12	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	(769.24)	QIIP
ADDITION	12	R26-02R1.14-P-0002	TANK EVALUATION FOR CLEARWELL NO.2	7/30/2014	2602	R	330000	Dist Reservoirs & Standpipes	(52.65)	QIIP
ADDITION	12	R26-03R1.14-P-0002	TANK EVALUATION FOR SUCK CREEK TANK	7/31/2014	2603	R	330000	Dist Reservoirs & Standpipes	(11.02)	QIIP
ADDITION	10	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	39,884.12	QIIP
ADDITION	11	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	8,261.29	QIIP
ADDITION	12	R26-02R1.14-P-0002	TANK EVALUATION FOR CLEARWELL NO.2	7/30/2014	2602	R	330000	Dist Reservoirs & Standpipes	1,759.31	QIIP
ADDITION	10	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	272.78	QIIP
ADDITION	10	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	212,040.85	QIIP
ADDITION	10	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	(248,179.60)	QIIP
ADDITION	12	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	(61,665.67)	QIIP
ADDITION	11	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	(122,244.19)	QIIP
ADDITION	12	R26-03R1.14-P-0002	TANK EVALUATION FOR SUCK CREEK TANK	7/31/2014	2603	R	330000	Dist Reservoirs & Standpipes	13.37	QIIP
ADDITION	12	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	62,590.42	QIIP
ADDITION	12	R26-02R1.14-P-0002	TANK EVALUATION FOR CLEARWELL NO.2	7/30/2014	2602	R	330000	Dist Reservoirs & Standpipes	1,000.00	QIIP
ADDITION	12	R26-03R1.14-P-0002	TANK EVALUATION FOR SUCK CREEK TANK	7/31/2014	2603	R	330000	Dist Reservoirs & Standpipes	1,557.00	QIIP
ADDITION	12	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	(5,379.39)	QIIP
ADDITION	10	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	(3,551.81)	QIIP
ADDITION	11	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	3,193.99	QIIP
ADDITION	11	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	62,247.76	QIIP
ADDITION	12	R26-02R1.12-P-0001	Clearwell No 2 Rehabilitation AS	11/26/2012	2602	R	330003	Tank Repainting	882,262.11	QIIP
ADDITION	12	R26-02R1.12-P-0001	Clearwell No 2 Rehabilitation AS	11/26/2012	2602	R	330003	Tank Repainting	(1.02)	QIIP
ADDITION	12	R26-02R1.12-P-0001	Clearwell No 2 Rehabilitation AS	11/26/2012	2602	R	330003	Tank Repainting	(909,714.08)	QIIP
ADDITION	12	R26-02R1.12-P-0001	Clearwell No 2 Rehabilitation AS	11/26/2012	2602	R	330003	Tank Repainting	27,452.99	QIIP
Cost Of Removal	12	R26-02B1.14-P-0004	DAYTON BLVD 2-6" STUB OUTS FOR FUTU	5/9/2014	2602	B	331001	TD Mains Not Classified	1,834.86	QIIP
Cost Of Removal	12	R26-02B1.14-P-0005	Silverdale Wrkhouse 12" main instal	8/18/2014	2602	B	331001	TD Mains Not Classified	1,668.50	QIIP
Cost Of Removal	12	R26-02B1.14-P-0005	Silverdale Wrkhouse 12" main instal	8/18/2014	2602	B	331001	TD Mains Not Classified	625.68	QIIP
Cost Of Removal	12	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	333000	Services	1,829.05	QIIP
Cost Of Removal	12	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	333000	Services	3,531.42	QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	16.94	QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	39.44	QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	552.24	QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	10.27	QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	60.39	QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	144.52	QIIP

Type	Period	WBS	Description	In-Service Date	Profit center	Project #	Utility account	UA Naruc	Amount	Eligibility
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	34.51	QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	225.66	QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	243.24	QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	146.69	QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	43.13	QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	189.82	QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	254.53	QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	60.39	QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	51.77	QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	10.27	QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	10.27	QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	10.27	QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	594.92	QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	8,016.62	QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	43.13	QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	1,191.28	QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	216.94	QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	30.81	QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	573.56	QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	755.16	QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	128.59	QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	60.39	QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	110.12	QIIP
Cost Of Removal	12	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	3,030.71	QIIP
Cost Of Removal	12	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	3,030.74	QIIP
Cost Of Removal	12	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	333000	Services	4,302.21	QIIP
Cost Of Removal	1	R26-02J1.13-P-0001	Meters-Replaced - Blanket	1/0/1900	2602	J	334200	Meter Installations	5,428.16	QIIP
Cost Of Removal	2	R26-02J1.13-P-0001	Meters-Replaced - Blanket	1/0/1900	2602	J	334200	Meter Installations	5,756.17	QIIP
Cost Of Removal	2	R26-02J1.13-P-0001	Meters-Replaced - Blanket	1/0/1900	2602	J	334200	Meter Installations	1,562.62	QIIP
Cost Of Removal	3	R26-02J1.13-P-0001	Meters-Replaced - Blanket	1/0/1900	2602	J	334200	Meter Installations	11,814.47	QIIP
Cost Of Removal	7	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100	WT Equip Non-Media	1,599.54	SEC
Cost Of Removal	9	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100	WT Equip Non-Media	4,333.78	SEC
Cost Of Removal	6	R26-03Q1.14-P-0002	REP SC Plant Turbidimeters	5/9/2014	2603	Q	304300	Struct & Imp-Treatment	200.47	SEC
Cost Of Removal	6	R26-03Q1.14-P-0002	REP SC Plant Turbidimeters	5/9/2014	2603	Q	304300	Struct & Imp-Treatment	0.01	SEC
Cost Of Removal	5	R26-02Q1.14-P-0010	Replace Lab PH Meter	4/3/2014	2602	Q	320100	WT Equip Non-Media	0.02	SEC
Cost Of Removal	5	R26-02Q1.14-P-0011	Replace Lab Fluoride Meter	4/7/2014	2602	Q	320100	WT Equip Non-Media	0.02	SEC
Cost Of Removal	5	R26-02Q1.14-P-0011	Replace Lab Fluoride Meter	4/7/2014	2602	Q	320100	WT Equip Non-Media	23.14	SEC
Cost Of Removal	5	R26-03Q1.14-P-0003	Rep SCUD Chemical Feed Pumps	4/17/2014	2603	Q	320100	WT Equip Non-Media	153.00	SEC
Cost Of Removal	5	R26-03Q1.14-P-0003	Rep SCUD Chemical Feed Pumps	4/17/2014	2603	Q	320100	WT Equip Non-Media	0.45	SEC
Cost Of Removal	5	R26-02Q1.14-P-0010	Replace Lab PH Meter	4/3/2014	2602	Q	344000	Laboratory Equipment	11.86	SEC
Cost Of Removal	8	R26-02Q1.14-P-0014	Replace HVAC Unit - Men' Restroom @	7/31/2014	2602	Q	304100	Struct & Imp-Supply	102.01	SEC
Cost Of Removal	7	R26-02Q1.14-P-0003	Rehabilitation of Hill City #7 Pump	4/9/2014	2602	Q	311200	Pump Eqp Electric	614.45	SEC
Cost Of Removal	7	R26-02Q1.14-P-0003	Rehabilitation of Hill City #7 Pump	4/9/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	65.03	SEC
Cost Of Removal	8	R26-02Q1.14-P-0002	Replace N.End F/H #2 Surface Wash L	3/27/2014	2602	Q	320100	WT Equip Non-Media	212.52	SEC
Cost Of Removal	10	R26-02Q1.14-P-0013	Replace Carbon Slurry Line (Phase 2	6/16/2014	2602	Q	304100	Struct & Imp-Supply	14.96	SEC
Cost Of Removal	11	R26-02Q1.13-P-0027	Repl UPS Battery Back Ups @ Citico	4/17/2014	2602	Q	310000	Power Generation Equip	114.68	SEC
Cost Of Removal	10	R26-02Q1.14-P-0015	Replace #12 Low Service Coupling	6/25/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	694.15	SEC
Cost Of Removal	10	R26-02Q1.14-P-0018	Rep Hill City Backflow Prev & Press	9/17/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	10.63	SEC
Cost Of Removal	10	R26-02Q1.14-P-0020	Replace New Impeller for St. Elmo #	8/28/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	1.59	SEC
Cost Of Removal	12	R26-02Q1.14-P-0019	Replace (2) Multilins @ Citico Pump	11/18/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	1.02	SEC
Cost Of Removal	10	R26-02Q1.14-P-0013	Replace Carbon Slurry Line (Phase 2	6/16/2014	2602	Q	320100	WT Equip Non-Media	396.75	SEC
Cost Of Removal	6	R26-05R1.14-P-0002	Repair Whitwell Tank	5/1/2014	2605	R	330000	Dist Reservoirs & Standpipes	0.11	QIIP
Cost Of Removal	6	R26-05R1.14-P-0002	Repair Whitwell Tank	5/1/2014	2605	R	330200	Ground Level Tanks	977.03	QIIP
RETIREMENT	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(499.79)	QIIP
RETIREMENT	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(114.34)	QIIP
RETIREMENT	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(75.39)	QIIP
RETIREMENT	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(209.40)	QIIP
RETIREMENT	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(332.25)	QIIP
RETIREMENT	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(231.32)	QIIP
RETIREMENT	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(69.25)	QIIP
RETIREMENT	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(78.56)	QIIP
RETIREMENT	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(1,015.99)	QIIP
RETIREMENT	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(465.00)	QIIP
RETIREMENT	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(0.95)	QIIP
RETIREMENT	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(9.21)	QIIP

Type	Period	WBS	Description	In-Service Date	Profit center	Project #	Utility account	UA Naruc	Amount	Eligibility
RETIREMENT	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(90.09)	QIIP
RETIREMENT	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(276.81)	QIIP
RETIREMENT	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(141.52)	QIIP
RETIREMENT	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(4.79)	QIIP
RETIREMENT	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(364.90)	QIIP
RETIREMENT	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	(16.90)	QIIP
RETIREMENT	3	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334200	Meter Installations	(1,923.20)	QIIP
RETIREMENT	7	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100	WT Equip Non-Media	(12,364.70)	SEC
RETIREMENT	5	R26-02Q1.14-P-0003	Rehabilitation of Hill City #7 Pump	4/9/2014	2602	Q	311200	Pump Eqp Electric	(5,857.07)	SEC
RETIREMENT	5	R26-02Q1.14-P-0010	Replace Lab PH Meter	4/3/2014	2602	Q	344000	Laboratory Equipment	(452.47)	SEC
RETIREMENT	5	R26-02Q1.14-P-0011	Replace Lab Fluoride Meter	4/7/2014	2602	Q	320100	WT Equip Non-Media	(1,168.62)	SEC
RETIREMENT	5	R26-03Q1.14-P-0003	Rep SCUD Chemical Feed Pumps	4/17/2014	2603	Q	320100	WT Equip Non-Media	(1,688.21)	SEC
RETIREMENT	6	R26-03Q1.14-P-0002	REP SC Plant Turbidimeters	5/9/2014	2603	Q	304300	Struct & Imp-Treatment	(2,283.91)	SEC
RETIREMENT	9	R26-02Q1.14-P-0014	Replace HVAC Unit - Men' Restroom @	7/31/2014	2602	Q	304300	Struct & Imp-Pumping	(936.91)	SEC
RETIREMENT	7	R26-02Q1.14-P-0013	Replace Carbon Slurry Line (Phase 2	6/16/2014	2602	Q	320100	WT Equip Non-Media	(8,488.42)	SEC
RETIREMENT	8	R26-02Q1.14-P-0002	Replace N.End F/H #2 Surface Wash L	3/27/2014	2602	Q	320100	WT Equip Non-Media	(1,745.48)	SEC
RETIREMENT	11	R26-02Q1.14-P-0020	Replace New Impeller for St. Elmo #	8/28/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	(8,400.03)	SEC
RETIREMENT	11	R26-02Q1.14-P-0015	Replace #12 Low Service Coupling	6/25/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	(15,660.60)	SEC
RETIREMENT	11	R26-02Q1.14-P-0018	Rep Hill City Backflow Prev & Press	9/17/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	(4,734.66)	SEC
RETIREMENT	11	R26-02Q1.14-P-0022	Retiring Old Laboratory Equipment,	8/26/2014	2602	Q	344000	Laboratory Equipment	(58,387.13)	SEC
RETIREMENT	11	R26-02Q1.14-P-0022	Retiring Old Laboratory Equipment,	8/26/2014	2602	Q	344000	Laboratory Equipment	(5,128.48)	SEC
RETIREMENT	11	R26-02Q1.14-P-0022	Retiring Old Laboratory Equipment,	8/26/2014	2602	Q	344000	Laboratory Equipment	(79,693.62)	SEC
RETIREMENT	11	R26-02Q1.14-P-0022	Retiring Old Laboratory Equipment,	8/26/2014	2602	Q	344000	Laboratory Equipment	(3,617.04)	SEC
RETIREMENT	11	R26-02Q1.14-P-0021	Repl Chemical Breakroom Cabinets &	9/30/2014	2602	Q	304300	Struct & Imp-Treatment	(1,074.17)	SEC
RETIREMENT	12	R26-02Q1.14-P-0019	Replace (2) Multilins @ Citico Pump	11/18/2014	2602	Q	311520	Pump Eqp Other	(4,813.80)	SEC
RETIREMENT	12	R26-02Q1.14-P-0025	Repl. Light Fixtures @ Citico H.S.	11/19/2014	2602	Q	304300	Struct & Imp-Pumping	(691.85)	SEC
RETIREMENT	6	R26-05R1.14-P-0002	Repair Whitwell Tank	5/1/2014	2605	R	330200	Ground Level Tanks	(446.00)	QIIP

TAW Workpapers Capital Recovery Riders Petition 11_7_17
Page 170 of 253

2014 Actuals Pivot Table
Page 1 of 1

Type	ADDITION
Eligibility	(Multiple Items)

Pivot Table source is data on WKP 2014 Actuals and is summarized by month, project # and UA Naruc field:
with a selection of ADDITON in Type field and a selection of EDI,SEC and QIIP in the Eligibility field

Sum of Amount	Period	1	2	3	4	5	6	7	8	9	10	11	12	Grand Total
Project #	UA Naruc	Utility account												
B	Hydrants	335000					61.93	45.25	191.62	(69.53)	(66.11)		27,120.21	27,283.37
	Services	333000					420.02	49.63	262.61	(95.30)	(90.61)		21,629.02	22,175.37
	TD Mains Not Classified	331001				153,236.73	86,865.39	14,922.45	133,387.66	(4,634.51)	(8,567.50)	(8,145.09)	113,053.21	324,864.54
B Total						153,236.73	86,865.39	15,404.40	133,482.54	(4,180.28)	(8,732.33)	(8,301.81)	113,053.21	373,613.77
C	TD Mains Not Classified	331001	114,817.06	151,096.86	6,845.37	70,313.40	37,910.18	84,045.50	114,754.14	66,340.74	53,046.12	121,058.76	35,513.13	123,363.34
C Total			114,817.06	151,096.86	6,845.37	70,313.40	37,910.18	84,045.50	114,754.14	66,340.74	53,046.12	121,058.76	35,513.13	123,363.34
D	Services	333000					48.97	1.22						238.14
	TD Mains Not Classified	331001		28,675.16	305.77	23,956.36	(7,444.53)	3,330.17	72.95					20,285.44
D Total				28,675.16	305.77	23,956.36	(7,444.53)	3,379.14	74.17					20,523.58
E	Hydrants	335000	3,632.24	5,568.35	(551.07)	10,988.12	3,978.29	887.46	3,222.61	893.88	2,381.31	(152.85)	6,539.12	1,181.13
	TD Mains Not Classified	331001	(511.54)	706.48	100.71	7,527.53	(3,994.65)	13,382.40	230.07	3,693.28	3,326.46	(213.49)	(276.59)	(34.87)
E Total			3,120.70	6,274.83	(450.36)	18,515.65	(16.36)	14,269.86	3,452.68	4,587.16	5,707.77	(366.34)	6,262.53	1,146.26
F	Hydrants	335000	15,431.16	5,410.41	14,517.42	21,051.77	8,497.27	22,924.68	30,051.89	70,538.77	(16,789.23)	(2,800.80)	27,013.21	23,256.59
	TD Mains Not Classified	331001		45.84						4,802.14	(984.03)	(389.55)	1,410.31	16,595.19
F Total			15,431.16	5,456.25	14,517.42	21,051.77	8,497.27	22,924.68	30,051.89	75,340.91	(17,773.26)	(3,190.35)	28,423.52	39,851.78
H	Services	333000	105,367.65	34,859.31	(4,247.96)	23,357.27	(29,262.83)	95,312.72	(59,982.26)	122,738.63	(10,447.02)	62,655.07	70,280.73	31,871.28
H Total			105,367.65	34,859.31	(4,247.96)	23,357.27	(29,262.83)	95,312.72	(59,982.26)	122,738.63	(10,447.02)	62,655.07	70,280.73	31,871.28
J	Meter Installations	334200	5,291.11	4,211.06	11,079.37	16,862.61	12,806.50	26,036.99	78,327.60	111,725.59	135,382.08	146,461.90	56,157.70	14,041.67
	Meters	334100	8,881.73	7,456.77	11,972.20	2,732.62	3,559.04	3,865.40	5,474.14	(846.89)				43,095.01
J Total			14,172.84	11,667.83	23,051.57	19,595.23	16,365.54	29,902.39	83,801.74	110,878.70	135,382.08	146,461.90	56,157.70	14,041.67
L	Comm Equip Non-Telephone	346100								60,940.05	(3,634.89)			22.88
	Comp & Periph Equip	340200								17,355.61	(150.87)			0.68
	Remote Control & Instrument	346190								142,540.65	(9,107.41)	16,329.04	(4,896.87)	144,865.41
	WT Equip Non-Media	320100				217,982.35	6,908.40		0.00	43,446.19	0.00	0.00		268,336.94
L Total						217,982.35	6,908.40		0.00	43,446.19	220,836.31	(12,893.17)	16,329.04	(4,873.31)
M	Struct & Imp-General	304500												6,193.01
M Total														6,193.01
Q	Laboratory Equipment	344000					0.00							0.00
	Power Generation Equip	310000				26,637.52	(1,571.44)					0.00		25,066.08
	Pump Equip Electric	311200							0.00					0.00
	Pumping Equipment-Source of f	311520		2,682.29	3,231.95	67,752.12	0.00	26,130.32	0.00	0.00	1,733.68	13,317.40	992.72	0.00
	Struct & Imp-Supply	304100						38,646.33	13,974.65	0.00		0.00		79,613.60
	Struct & Imp-Treatment	304300						0.00						0.00
	Supply Mains	309000							9,861.73			0.00		9,861.73
	WT Equip Non-Media	320100			7,449.28	12,161.54	18,214.06	(0.00)	1,648.82	(0.00)		0.00		336,741.47
Q Total				2,682.29	10,681.23	106,551.18	16,642.62	64,776.65	25,485.20	(0.00)	1,733.68	13,317.40	992.72	416,355.07
R	Dist Reservoirs & Standpipes	330000					18,565.68	0.00						4,266.01
	Ground Level Tanks	330200						0.00						0.00
	Tank Repainting	330003												0.00
	WT Equip Non-Media	320100							2,325,977.82	100,812.80	(36,262.67)	466.34	(48,541.15)	(5,223.88)
R Total							18,565.68	0.00	2,325,977.82	100,812.80	(36,262.67)	466.34	(48,541.15)	(957.87)
Grand Total			252,909.41	240,712.53	50,703.04	654,559.94	155,031.36	330,015.34	2,657,097.92	519,964.85	343,490.68	319,207.80	278,471.43	1,021,128.58

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	Annual Performance Plan	Long Term Performance Plan	Total	Actual Amount of Performance Compensation Capitalized
2016	\$464,044	\$57,709	\$521,753	\$60,844
2015	267,852	38,811	306,663	46,737
2014	147,822	30,535	178,357	38,826
2013	143,533	34,638	178,171	67,630
Total	\$1,023,251	\$161,693	\$1,184,944	\$214,037

Year	50% of Annual Performance Plan	Percentage of Capitalized Wages	50% of APP multiplied by Labor Capitalization Rate	Actual Amount of Performance Compensation Capitalized	Adjustment to Capital for Performance Compensation	Revenue Reduction Calculation for 2013	Revenue Reduction Calculation for 2014	Revenue Reduction Calculation for 2015	Revenue Reduction Calculation for 2016	Revenue Reduction Calculation for 2017	Revenue Reduction Calculation for 2018
2016	\$232,022	29.33%	\$68,052	\$60,844	\$0				\$0	\$0	\$0
2015	133,926	30.08%	40,285	46,737	6,452			6,452	6,452	6,452	6,452
2014	73,911	29.03%	21,456	38,826	17,370		17,370	17,370	17,370	17,370	17,370
2013	71,767	21.63%	15,523	67,630	52,107	52,107	52,107	52,107	52,107	52,107	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:	9.454%	9.454%	9.454%	9.454%	9.454%	9.454%
Pre-Tax Reduction on Capitalized AIP:	4,926.38	6,568.57	7,178.58	7,178.58	7,178.58	7,178.58

Depreciation Expense Reduction:	2.22%	1,154.17	1,538.91	1,681.83	1,681.83	1,681.83	1,681.83	1,681.83	composite rate based on 2016 actual depr expense over actual additions
Property and Franchise Taxes Reduction:		704.34	939.13	1,026.34	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	9,886.74	
Revenue Taxes		3.191%	3.191%	3.191%	3.191%	3.191%	3.191%	3.191%	
Total Revenues with Revenue Taxes Reduction		\$57,203.87	\$7,008.54	\$9,344.81	\$10,212.63	\$10,212.63	\$10,212.63	\$10,212.63	
QIIP	48.36%	\$9,877.26	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,938.63	% from total actual revenue requirement filed for 2016 reconciliation
EDI	1.78%	364.54	0.00	0.00	0.00	0.00	0.00	182.27	% from total actual revenue requirement filed for 2016 reconciliation
SEC	49.86%	10,183.46	0.00	0.00	0.00	0.00	0.00	5,091.73	% from total actual revenue requirement filed for 2016 reconciliation
Total Revenues with Revenue Taxes Reduction in this Filing		\$20,425.26	\$0.00 (1)	\$0.00 (1)	\$0.00 (1)	\$0.00 (1)	\$0.00 (1)	\$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 American Water Company
Qualified Infrastructure Improvement Program (QIIP)
Economic Development Investment Rider (EDI)
Safety and Environmental Compliance Rider (SEC)
Retirements & Cost of Removal

CALCULATION OF AVERAGE BALANCE OF RETIREMENTS AND
AVERAGE BALANCE OF COST OF REMOVAL LESS SALVAGE SPEND

Business Unit No.	Account	Account Description	2014-2016 Additions	Portion of Account	2014-2016 Retirements	2014-2016 Cost of Removal Less Salvage	3 Year Average Capital Rider Retirement %	3 Year Average Capital Rider COR less Salvage %
DV	331001	Transmission & Distribution Mains	\$0	0.00%	\$0	\$0	0.00%	0.00%
DV	333000	Services	0	0.00%	0	0	0.00%	0.00%
DV	335000	Hydrants	0	0.00%	0	0	0.00%	0.00%
A	331001	Transmission & Distribution Mains	597,576	92.48%	0	0	0.00%	0.00%
A	333000	Services	5,754	0.89%	0	0	0.00%	0.00%
A	334300	Meter Vaults	18,184	2.81%	0	0	0.00%	0.00%
A	335000	Hydrants	24,701	3.82%	0	0	0.00%	0.00%
B	331001	Transmission & Distribution Mains	2,522,367	92.29%	(94,325)	32,334	-3.74%	-34.28%
B	333000	Services	177,865	6.51%	0	43,766	0.00%	0.00%
B	335000	Hydrants	32,852	1.20%	(1,386)	626	-4.22%	-45.14%
C	331001	Transmission & Distribution Mains	4,158,822	99.88%	(120,626)	419,781	-2.90%	-348.00%
C	335000	Hydrants	4,979	0.12%	0	0	0.00%	0.00%
D	331001	Transmission & Distribution Mains	1,545,482	99.16%	(125,193)	118,552	-8.10%	-94.70%
D	333000	Services	1,335	0.09%	0	48,961	0.00%	0.00%
D	335000	Hydrants	11,673	0.75%	(64,148)	0	-549.54%	0.00%
E	331001	Transmission & Distribution Mains	147,515	77.96%	0	0	0.00%	0.00%
E	335000	Hydrants	41,693	22.04%	(882)	933	-2.12%	-105.81%
F	331001	Transmission & Distribution Mains	140,790	21.75%	(16,474)	41,299	-11.70%	-250.69%
F	335000	Hydrants	506,611	78.25%	(36,277)	576	-7.16%	-1.59%
G	333000	Services	0	0.00%	0	0	0.00%	0.00%
H	333000	Services	1,279,335	99.61%	(26,973)	323,618	-2.11%	-1199.79%
H	334100	Meters	4,971	0.39%	(6,402)	9,644	-128.79%	-150.64%
I	334100	Meters	0	0.00%	0	0	0.00%	0.00%
I	334200	Meter Installations	0	0.00%	0	0	0.00%	0.00%
J	334100	Meters	295,389	11.11%	(263,089)	95,862	-89.07%	-36.44%
J	334200	Meter Installations	2,362,958	88.89%	(21,594)	522,503	-0.91%	-2419.64%
K	340200	Computer & Peripheral Equipment	0	0.00%	0	0	0.00%	0.00%
L	320100	WT Equip Non-Media	268,337	28.97%	(12,365)	5,933	-4.61%	-47.99%
L	340200	Computer & Peripheral Equipment	49,331	5.33%	0	0	0.00%	0.00%
L	346100	Comm Equip Non-Telephone	41,119	4.44%	0	0	0.00%	0.00%
L	346190	Remote Control & Instrument	567,583	61.26%	(55,134)	2,797	-9.71%	-5.07%
M	304300	Structures & Improvement - Treatment	190,909	79.25%	(5,678)	1,932	-2.97%	-34.03%
M	304400	Struct & Imp-Treatment-T&D	43,791	18.18%	0	0	0.00%	0.00%
M	304500	Structures & Improvement - General	6,193	2.57%	0	0	0.00%	0.00%

Tennessee American Water
Residential Water Rates

		PRICE LEVELS - (Meter Based)										PRICES - (VOLUMES & NON-METER BASED FLAT FEES)											
Rate Category Descrip	Charge Type	5/8-	3/4-	1-METER	1.5-	2-METER	3-METER	4-METER	6-METER	8-METER		1	1	2	2	3	3	4	4	5	5	6	6
		METER	METER		METER							BlockLim1	Block\$1	BlockLim2	Block\$2	BlockLim3	Block\$3	BlockLim4	Block\$4	BlockLim5	Block\$5	BlockLim6	Block\$6
TN Lone Oak Water:Res	Flat rate											9999999999	\$ 42.030000										
TN Lone Oak Water:Res	Quantity-based price											20	\$ -	9999999999	\$ 0.726550								
														-									
TN Suck Creek Water:Res	Meter-Based	\$ 30.60	\$ 30.60	\$ 30.60	\$ 30.60	\$ 30.60	\$ 30.60	\$ 30.60	\$ 30.60	\$ 30.60	\$ 30.60												
TN Suck Creek Water:Res	Quantity-based price											15	\$ -	95	\$ 0.607310	9999999999	\$ 0.455510						
														-									
TN Chatt Water: Res	Meter-Based	\$ 13.96	\$ 23.45	\$ 39.01	\$ 78.05	\$ 124.88	\$ 234.52	\$ 390.25	\$ 780.50	\$ 1,248.77													
TN Chatt Water: Res	Quantity-based price											30	\$ 0.035660	486	\$ 0.565550	3740	\$ 0.355310	37400	\$ 0.265640	112000	\$ 0.203050	9999999999	\$ 0.120570
														-									
TN Chatt Water Lookout Mtn.: Res	Meter-Based	\$ 15.66	\$ 23.45	\$ 39.01	\$ 78.05	\$ 124.89	\$ 234.14	\$ 390.25	\$ 780.50	\$ 1,248.77													
TN Chatt Water Lookout Mtn.: Res	Quantity-based price											30	\$ 0.132820	486	\$ 0.728500	3740	\$ 0.518260	37400	\$ 0.361830	112000	\$ 0.299910	9999999999	\$ 0.217430
														-									
TN Chatt Water Lakeview: Res	Meter-Based	\$ 15.66	\$ 23.45	\$ 39.00	\$ 78.05	\$ 124.88	\$ 234.14	\$ 390.25	\$ 780.50	\$ 1,248.77													
TN Chatt Water Lakeview: Res	Quantity-based price											30	\$ 0.065640	486	\$ 0.623240	3740	\$ 0.413010	37400	\$ 0.295160	112000	\$ 0.232740	9999999999	\$ 0.150270
														-									
TN -Whitwell Res WT INSIDE CITY	Quantity-based price											20	\$ -	40	\$ 0.480000	60	\$ 0.456000	9999999999	\$ 0.419000				
TN -Whitwell Res WT INSIDE CITY	Flat rate											9999999999	\$ 20.450000										
														-									
TN Whitwell Res WT OUTSIDE CITY	Quantity-based price											20	\$ -	40	\$ 0.587000	60	\$ 0.532000	9999999999	\$ 0.437000				
TN Whitwell Res WT OUTSIDE CITY	Flat rate											9999999999	\$ 20.450000										

*Data from prior capital rider filings.

Tennessee American Water Company
Pre Tax Rate of Return & Revenue Conversion Factors

Last Rate Order:	Notes	
PTR = ((WCCE +WCPE) * PTRCF) + WCLTD +WSTD	9.45438%	9.454378% Calculated Pre-tax Return based on capital structure ratios and cost rates
Reconciliation component	0.0000%	
Weighted Cost of Common Equity (WCCE)	3.4380000%	3.4380000% From Settlement agreement Docket No. 12-00049
Weighted Cost of Preferred Equity (WCPE)	0.0014790%	0.0014790% From Settlement agreement Docket No. 12-00049
Weighted Cost of Long-Term Debt (WCLTD)	3.7620130%	3.7620130% From Settlement agreement Docket No. 12-00049
Weighted Cost of Short-Term Debt (WCSTD) (from Settlement agreement)	0.0330000%	0.0330000% From Settlement agreement Docket No. 12-00049
Gross Revenue Conversion Factor (PTRCF): 1/(1-PPRT)(1-SIT)(1-FIT)	1.64541341	1.64541341
<u>PreTax ROR Conv. Factor</u>		
State Excise Tax	6.5%	0.065 From Settlement agreement Docket No. 12-00049
Balance (1.0-.065)		0.935
Fed Inc. Tax (.935*.35)	35.0%	0.32725 From Settlement agreement Docket No. 12-00049
Combined Tax Rate (.065 + .32725)		0.39225
Balance (1.0-.39225)		0.60775
PreTax ROR Conv. Factor		<u>1.64541341</u>
<u>Revenue Taxes:</u>		
Uncol. Exp		1.057% From Settlement Agreement - Does not include forfeited discounts
TRA Fee		From House Bill 191
GR Tax		3.000% From Settlement Agreement
Forfeited Discounts		-0.866% From Settlement Agreement
Total Rev. Taxes		3.1910%
Projection of Annual Revenues from Last Rate Order:	\$ 47,073,724	From Settlement agreement Docket No. 12-00049
Projection of Annual Sales from Last Order in 100 Gallons	100,589,065	From Settlement agreement Docket No. 12-00049
Property tax per Settlement Agreement	\$ 2,757,695	From Settlement agreement Docket No. 12-00049
Property tax base per Settlement Agreement	\$ 250,455,533	From Settlement agreement Docket No. 12-00049
Property tax rate (Property tax divided by tax base)	1.101072%	
Franchise Fee rate per \$100 of Net Investment	\$ 0.25	From Settlement agreement Docket No. 12-00049
Franchise Fee % per \$1 of Net Investment	0.25%	
	Ratio	Cost Rate
Company Long Term Debt	52.94%	6.02% From Settlement agreement Docket No. 12-00049
Company Short Term Debt	2.45%	1.00% From Settlement agreement Docket No. 12-00049
Parent Long Term Debt	9.35%	6.15% From Settlement agreement Docket No. 12-00049
Parent Short Term Debt	0.85%	1.00% From Settlement agreement Docket No. 12-00049
Company Preferred Stock	0.00%	10.00% From Settlement agreement Docket No. 12-00049
Company Common Equity	0.00%	0.00% From Settlement agreement Docket No. 12-00049
Parent Preferred Stock	0.03%	4.93% From Settlement agreement Docket No. 12-00049
Parent Common Equity	34.38%	10.00% From Settlement agreement Docket No. 12-00049

**Tennessee American Water Company
Contributions in Aid to Construction
12 Month History by Account**

	2012											
	1	2	3	4	5	6	7	8	9	10	11	12
560815					(10,846)	(11,258)	(6,972)			(41,934)	(4,982)	(6,412)
GARDEN METER SETTINGS COST												
560824					(516)	(526)	(228)					
NEW GARDEN METER COST												
					(1,912)							
Grand Total	(3,486)	(2,324)	(15,672)	(11,231)	(13,274)	(11,784)	(7,200)	-	-	(41,934)	(4,982)	(6,412)

*Amounts from subledger for
recurring projects

**Tennessee American Water Company
Contributions in Aid to Construction
12 Month History by Account**

		2013											
		1	2	3	4	5	6	7	8	9	10	11	12
GARDEN METER SETTINGS COST	560815	(4,782)	(6,066)	(4,266)	(7,828)	(12,590)	(9,666)	(3,025)	(3,000)	(2,682)	(5,532)	(2,466)	3,750
NEW GARDEN METER COST	560824											(2,400)	
Grand Total		(4,782)	(6,066)	(4,266)	(7,828)	(12,590)	(9,666)	(3,025)	(3,000)	(2,682)	(5,532)	(4,866)	3,750

*Amounts from subledger for
recurring projects

**Tennessee American Water Company
Contributions in Aid to Construction
12 Month History by Account**

		2014											
		1	2	3	4	5	6	7	8	9	10	11	12
GARDEN METER SETTINGS COST	560815	(2,212)	(600)										
NEW GARDEN METER COST	560824		(5,362)	(7,716)	(4,650)	(13,261)		(1,800)					
Grand Total		(2,212)	(5,962)	(7,716)	(4,650)	(13,261)	-	(1,800)	-	-	-	-	-

*Amounts from subledger for
recurring projects

**Tennessee American Water Company
Contributions in Aid to Construction
12 Month History by Account**

	2015												Grand Total
	1	2	3	4	5	6	7	8	9	10	11	12	
560815													(143,369)
GARDEN METER SETTINGS COST													-
560824						(81,388)							(117,847)
NEW GARDEN METER COST													-
													(1,912)
													(32,713)
Grand Total	-	-	-	-	-	(81,388)	-	-	-	-	-	-	(295,841)
												1/2 Average	(36,980.19)
*Amounts from subledger for recurring projects												Multiply by 3 for 1.5 years	(110,940.56)

**Tennessee American Water Company
NARUC Master Chart of Accounts**

GMMCU	GMOBJ	GMSUB	GMDL01	GMR004	GMR00401	GMR021	GMR02101	GMR022	GMR02201
ASSC76	101000	301000	Organization	B01	Utility Plant Original Cost	A301	Organization	A3011	Organization
ASSC76	101000	302000	Franchises	B01	Utility Plant Original Cost	A302	Franchises & Consents	A3021	Franchises
ASSC76	101000	302100	Franchises Amortizable	B01	Utility Plant Original Cost	A302	Franchises & Consents	A3021	Franchises
ASSC76	101000	303200	Land & Ld Rights SS	B01	Utility Plant Original Cost	A310	Land & Land Rights SS	A3032	Land & Land Rights SS
ASSC76	101000	303300	Land & Ld Rights P	B01	Utility Plant Original Cost	A320	Land & Land Rights P	A3032	Land & Land Rights SS
ASSC76	101000	303400	Land & Ld Rights WT	B01	Utility Plant Original Cost	A330	Land & Land Rights WT	A3033	Land & Land Rights WT
ASSC76	101000	303410	Depletable Ld WT	B01	Utility Plant Original Cost	A330	Land & Land Rights WT	A3033	Land & Land Rights WT
ASSC76	101000	303500	Land & Ld Rights TD	B01	Utility Plant Original Cost	A340	Land & Land Rights TD	A3034	Land & Land Rights TD
ASSC76	101000	303501	Land TD	B01	Utility Plant Original Cost	A340	Land & Land Rights TD	A3034	Land & Land Rights TD
ASSC76	101000	303502	Rights of Way TD	B01	Utility Plant Original Cost	A340	Land & Land Rights TD	A3034	Land & Land Rights TD
ASSC76	101000	303600	Land & Land Rights AG	B01	Utility Plant Original Cost	A389	Land & Land Rights AG	A3035	Land & Land Rights AG
ASSC76	101000	304100	Struct & Imp SS	B01	Utility Plant Original Cost	A311	Struct & Improve SS	A3042	Struct & Improve SS
ASSC76	101000	304101	Struct & Imp SS-Millbury	B01	Utility Plant Original Cost	A311	Struct & Improve SS	A3042	Struct & Improve SS
ASSC76	101000	304102	Struct & Imp SS-Free St	B01	Utility Plant Original Cost	A311	Struct & Improve SS	A3042	Struct & Improve SS
ASSC76	101000	304103	Struct & Imp SS-Downing	B01	Utility Plant Original Cost	A311	Struct & Improve SS	A3042	Struct & Improve SS
ASSC76	101000	304104	Struct & Imp SS-Free St	B01	Utility Plant Original Cost	A311	Struct & Improve SS	A3042	Struct & Improve SS
ASSC76	101000	304200	Struct & Imp P	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304201	Struct & Imp Pumps (STL)	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304202	Struct & Imp Pump Booster	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304220	Struct & Imp P MA	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304221	Struct & Imp P MA	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304222	Struct & Imp P MA	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304224	Struct & Imp P MA	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304225	Struct & Imp P MA	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304227	Struct & Imp P MA	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304228	Struct & Imp P MA	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304229	Struct & Imp P MA	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304230	Struct & Imp P MA	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304231	Struct & Imp P MA	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304233	Struct & Imp P MA	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304234	Struct & Imp P MA	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304235	Struct & Imp P MA	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304236	Struct & Imp P MA	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304300	Struct & Imp WT	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304301	Struct & Imp WT Depr Pntn	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304302	Struct & Imp WT Paint	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304310	Struct & Imp WT Wste Hand	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304312	Struct & Imp WT WH Repair	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304320	Struct & Imp WT Nth Plt (	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304321	Struct & Imp WT MA	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304322	Struct & Imp WT MA	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304323	Struct & Imp WT MA	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304324	Struct & Imp WT MA	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304330	Struct & Imp WT Ctrl Plt	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304340	Struct & Imp WT Ctrl Plt	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304350	Struct & Imp WT Sth Plt (	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304360	Struct & Imp WT Meramec (	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304390	Struct & Imp WT Mix & Set	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304391	Struct & Imp WT Pur Bldg	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304392	Struct & Imp WT Wsh Wtr T	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304400	Struct & Imp TD	B01	Utility Plant Original Cost	A341	Struct & Improve TD	A3044	Struct & Improve TD
ASSC76	101000	304410	Struct & Imp TD Spec Cros	B01	Utility Plant Original Cost	A341	Struct & Improve TD	A3044	Struct & Improve TD
ASSC76	101000	304500	Struct & Imp AG	B01	Utility Plant Original Cost	A390	Struct & Improve AG	A3045	Struct & Improve AG

**Tennessee American Water Company
NARUC Master Chart of Accounts**

GMMCU	GMOBJ	GMSUB	GMDL01	GMR004	GMR00401	GMR021	GMR02101	GMR022	GMR02201
ASSC76	101000	304510	Struct & Imp AG Cap Lease	B01	Utility Plant Original Cost	A390	Struct & Improve AG	A3045	Struct & Improve AG
ASSC76	101000	304515	Struct & Imp AG Wood	B01	Utility Plant Original Cost	A390	Struct & Improve AG	A3045	Struct & Improve AG
ASSC76	101000	304520	Struct & Imp AG Masonry	B01	Utility Plant Original Cost	A390	Struct & Improve AG	A3045	Struct & Improve AG
ASSC76	101000	304600	Struct & Imp Offices	B01	Utility Plant Original Cost	A390	Struct & Improve AG	A3045	Struct & Improve AG
ASSC76	101000	304610	Gen Structures - HVAC	B01	Utility Plant Original Cost	A390	Struct & Improve AG	A3045	Struct & Improve AG
ASSC76	101000	304620	Struct & Imp Leasehold	B01	Utility Plant Original Cost	A390	Struct & Improve AG	A3045	Struct & Improve AG
ASSC76	101000	304621	Struct & Imp Leasehold	B01	Utility Plant Original Cost	A390	Struct & Improve AG	A3045	Struct & Improve AG
ASSC76	101000	304700	Struct & Imp Store,Shop,G	B01	Utility Plant Original Cost	A390	Struct & Improve AG	A3045	Struct & Improve AG
ASSC76	101000	304800	Struct & Imp Misc	B01	Utility Plant Original Cost	A390	Struct & Improve AG	A3045	Struct & Improve AG
ASSC76	101000	305000	Collect & Impounding	B01	Utility Plant Original Cost	A312	Collecting & Impounding	A3052	Collecting & Impounding
ASSC76	101000	306000	Lake, River & Other Intak	B01	Utility Plant Original Cost	A313	Lake, River & Other Intak	A3062	Lake, River & Other Intak
ASSC76	101000	306001	Intakes Leased	B01	Utility Plant Original Cost	A313	Lake, River & Other Intak	A3062	Lake, River & Other Intak
ASSC76	101000	307000	Wells & Springs	B01	Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs
ASSC76	101000	307001	Wells & Springs MA	B01	Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs
ASSC76	101000	307002	Wells & Springs MA	B01	Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs
ASSC76	101000	307003	Wells & Springs MA	B01	Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs
ASSC76	101000	307004	Wells & Springs MA	B01	Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs
ASSC76	101000	307005	Wells & Springs MA	B01	Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs
ASSC76	101000	307006	Wells & Springs MA	B01	Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs
ASSC76	101000	307007	Wells & Springs MA	B01	Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs
ASSC76	101000	307008	Wells & Springs MA	B01	Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs
ASSC76	101000	307010	Wells & Springs MA	B01	Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs
ASSC76	101000	307011	Wells & Springs MA	B01	Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs
ASSC76	101000	307012	Wells & Springs MA	B01	Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs
ASSC76	101000	307013	Wells & Springs MA	B01	Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs
ASSC76	101000	307014	Wells & Springs MA	B01	Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs
ASSC76	101000	307016	Wells & Springs MA	B01	Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs
ASSC76	101000	307200	Wells Only (LI)	B01	Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs
ASSC76	101000	308000	Infiltration Galleries &	B01	Utility Plant Original Cost	A315	Infiltr Galleries & Tunnel	A3082	Infiltration Galleries &
ASSC76	101000	309000	Supply Mains	B01	Utility Plant Original Cost	A316	Supply Mains	A3092	Supply Mains
ASSC76	101000	309100	Supply Mains Nth Plt (STL	B01	Utility Plant Original Cost	A316	Supply Mains	A3092	Supply Mains
ASSC76	101000	309200	Supply Mains Ctrl Plt (ST	B01	Utility Plant Original Cost	A316	Supply Mains	A3092	Supply Mains
ASSC76	101000	309300	Supply Mains Sth Plt (STL	B01	Utility Plant Original Cost	A316	Supply Mains	A3092	Supply Mains
ASSC76	101000	309400	Supply Mains Meramec Plt	B01	Utility Plant Original Cost	A316	Supply Mains	A3092	Supply Mains
ASSC76	101000	310000	Power Generation Equip	B01	Utility Plant Original Cost	A323	Other Power Prod Equip	A3102	Power Generation Equip
ASSC76	101000	310100	Power Generation Equip Ot	B01	Utility Plant Original Cost	A323	Other Power Prod Equip	A3102	Power Generation Equip
ASSC76	101000	310200	Boiler Plant Equipment P	B01	Utility Plant Original Cost	A322	Boiler Plant Equip	A3112	Pumping Equipment SS
ASSC76	101000	311100	Pump Equip Steam	B01	Utility Plant Original Cost	A324	Steam Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311200	Pump Equip Electric	B01	Utility Plant Original Cost	A325	Electric Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311210	Pump Equip Elec Pre46 (ST	B01	Utility Plant Original Cost	A325	Electric Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311220	Pump Equip Elec Post46 (S	B01	Utility Plant Original Cost	A325	Electric Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311230	Pump Equip Elec Boosters	B01	Utility Plant Original Cost	A325	Electric Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311250	Pump Equip Electric TD	B01	Utility Plant Original Cost	A325	Electric Pump Equip	A3114	Pumping Equipment TD
ASSC76	101000	311260	Pump Equip Elec TD <=5HP	B01	Utility Plant Original Cost	A325	Electric Pump Equip	A3114	Pumping Equipment TD
ASSC76	101000	311270	Pump Equip Elec TD >5HP	B01	Utility Plant Original Cost	A325	Electric Pump Equip	A3114	Pumping Equipment TD
ASSC76	101000	311300	Pump Equip Diesel	B01	Utility Plant Original Cost	A326	Diesel Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311310	Pump Equip Diesel Stratma	B01	Utility Plant Original Cost	A326	Diesel Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311320	Pump Equip Diesel Ctrl PI	B01	Utility Plant Original Cost	A326	Diesel Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311350	Pump Equip Diesel TD	B01	Utility Plant Original Cost	A326	Diesel Pump Equip	A3114	Pumping Equipment TD
ASSC76	101000	311400	Pump Equip Hydraulic	B01	Utility Plant Original Cost	A327	Hydraulic Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311500	Pump Equip Other	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311501	Pump Equip Other MA	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311502	Pump Equip Other MA	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3112	Pumping Equipment SS

**Tennessee American Water Company
NARUC Master Chart of Accounts**

GMMCU	GMOBJ	GMSUB	GMDL01	GMR004	GMR00401	GMR021	GMR02101	GMR022	GMR02201
ASSC76	101000	311503	Pump Equip Other MA	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311504	Pump Equip Other MA	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311507	Pump Equip Other MA	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311508	Pump Equip Other MA	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311509	Pump Equip Other MA	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311510	Pump Equip Other MA	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311511	Pump Equip Other MA	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311512	Pump Equip Other MA	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311513	Pump Equip Other MA	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311514	Pump Equip Other MA	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311515	Pump Equip Other MA	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311516	Pump Equip Other MA	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311520	Pumping Equipment SS	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3113	Pumping Equipment WT
ASSC76	101000	311530	Pumping Equipment WT	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3113	Pumping Equipment WT
ASSC76	101000	311540	Pumping Equipment TD	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3114	Pumping Equipment TD
ASSC76	101000	311550	Pump Equip Other TD	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3114	Pumping Equipment TD
ASSC76	101000	320100	WT Equip Non-Media	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3203	Water Treatment Equipment
ASSC76	101000	320110	WT Equip Purification (LI	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3203	Water Treatment Equipment
ASSC76	101000	320120	WT Equip Non-Med North (S	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3203	Water Treatment Equipment
ASSC76	101000	320130	WT Equip Non Media Ctrl 1	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3203	Water Treatment Equipment
ASSC76	101000	320140	WT Equip Non Media Ctrl 3	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3203	Water Treatment Equipment
ASSC76	101000	320150	WT Equip Non Media Sth (S	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3203	Water Treatment Equipment
ASSC76	101000	320160	WT Equip Non Media Mer (S	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3203	Water Treatment Equipment
ASSC76	101000	320190	WT Equip Set Basin, Clear	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3203	Water Treatment Equipment
ASSC76	101000	320191	WT Equip Filter Plant Pip	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3203	Water Treatment Equipment
ASSC76	101000	320192	WT Equip Wash Water Tank	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3203	Water Treatment Equipment
ASSC76	101000	320193	WT Equip Chemical Feed (I	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3203	Water Treatment Equipment
ASSC76	101000	320200	WT Equip Filter Media	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3203	Water Treatment Equipment
ASSC76	101000	320400	WT Equip Waste Handling (	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3203	Water Treatment Equipment
ASSC76	101000	320500	WT Equip Pur Sys Lg (PA)	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3203	Water Treatment Equipment
ASSC76	101000	320502	WT Equip Pur Sys Lg Repai	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3203	Water Treatment Equipment
ASSC76	101000	330000	Dist Reservoirs & Standpi	B01	Utility Plant Original Cost	A342	Dist Reservoirs & Standpi	A3304	Dist Reservoirs & Standpi
ASSC76	101000	330002	Dist Res & Stand Orig Pai	B01	Utility Plant Original Cost	A342	Dist Reservoirs & Standpi	A3304	Dist Reservoirs & Standpi
ASSC76	101000	330003	Dist Res & Stand Orig Rep	B01	Utility Plant Original Cost	A342	Dist Reservoirs & Standpi	A3304	Dist Reservoirs & Standpi
ASSC76	101000	330020	Dist Res & Stand MA	B01	Utility Plant Original Cost	A342	Dist Reservoirs & Standpi	A3304	Dist Reservoirs & Standpi
ASSC76	101000	330021	Dist Res & Stand MA	B01	Utility Plant Original Cost	A342	Dist Reservoirs & Standpi	A3304	Dist Reservoirs & Standpi
ASSC76	101000	330022	Dist Res & Stand MA	B01	Utility Plant Original Cost	A342	Dist Reservoirs & Standpi	A3304	Dist Reservoirs & Standpi
ASSC76	101000	330023	Dist Res & Stand MA	B01	Utility Plant Original Cost	A342	Dist Reservoirs & Standpi	A3304	Dist Reservoirs & Standpi
ASSC76	101000	330024	Dist Res & Stand MA	B01	Utility Plant Original Cost	A342	Dist Reservoirs & Standpi	A3304	Dist Reservoirs & Standpi
ASSC76	101000	330100	Elevated Tanks & Standpip	B01	Utility Plant Original Cost	A342	Dist Reservoirs & Standpi	A3304	Dist Reservoirs & Standpi
ASSC76	101000	330200	Ground Level Facilities	B01	Utility Plant Original Cost	A342	Dist Reservoirs & Standpi	A3304	Dist Reservoirs & Standpi
ASSC76	101000	330300	Below Grade Facilities	B01	Utility Plant Original Cost	A342	Dist Reservoirs & Standpi	A3304	Dist Reservoirs & Standpi
ASSC76	101000	330400	Clearwell	B01	Utility Plant Original Cost	A342	Dist Reservoirs & Standpi	A3304	Dist Reservoirs & Standpi
ASSC76	101000	331001	TD Mains Not Classified b	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331002	TD Mains (CT)	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331003	TD Mains Paving (LI)	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331100	TD Mains 4in & Less	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331101	TD Mains 4in & Less Nth (	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331200	TD Mains 6in to 8in	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331210	TD Mains 6in to 10in (TN)	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331230	TD Mains 6in & Grtr (LI)	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331300	TD Mains 10in to 16in	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331350	TD Mains 12in & Grtr (TN)	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains

**Tennessee American Water Company
NARUC Master Chart of Accounts**

GMMCU	GMOBJ	GMSUB	GMDL01	GMR004	GMR00401	GMR021	GMR02101	GMR022	GMR02201
ASSC76	101000	331400	TD Mains 18in & Grtr	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331500	TD Mains Bridgeport (CN)	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331601	TD Mains AC 4in (STL)	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331602	TD Mains CI <10in 1900-28	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331603	TD Mains CI <10in 1929-56	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331604	TD Mains CI <10in 1957-93	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331605	TD Mains CI 12in (STL)	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331606	TD Mains CI 16in (STL)	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331607	TD Mains DI 6in (STL)	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331608	TD Mains DI 12in (STL)	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331609	TD Mains DI 16in (STL)	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331610	TD Mains Galve 1in (STL)	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331611	TD Mains LJ 20in (STL)	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331612	TD Main PL 6-8in (STL)	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331613	TD Main PL 12in (STL)	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331614	TD Main DI 4in (STL)	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331615	TD Mains DI 24in	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331616	TD Main DI 10in (STL)	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	332000	Fire Mains	B01	Utility Plant Original Cost	A344	Fire Mains	A3314	TD Mains
ASSC76	101000	333000	Services	B01	Utility Plant Original Cost	A345	Services	A3334	Services
ASSC76	101000	334100	Meters	B01	Utility Plant Original Cost	A346	Meters	A3344	Meters & Meter Installati
ASSC76	101000	334110	Meters Bronze Case	B01	Utility Plant Original Cost	A346	Meters	A3344	Meters & Meter Installati
ASSC76	101000	334120	Meters Plastic Case	B01	Utility Plant Original Cost	A346	Meters	A3344	Meters & Meter Installati
ASSC76	101000	334130	Meters Other	B01	Utility Plant Original Cost	A346	Meters	A3344	Meters & Meter Installati
ASSC76	101000	334131	Meters Other-Rem Rdr Unts	B01	Utility Plant Original Cost	A346	Meters	A3344	Meters & Meter Installati
ASSC76	101000	334200	Meter Installations	B01	Utility Plant Original Cost	A347	Meter Installations	A3344	Meters & Meter Installati
ASSC76	101000	334201	Meter Installation Other	B01	Utility Plant Original Cost	A347	Meter Installations	A3344	Meters & Meter Installati
ASSC76	101000	334300	Meter Vaults	B01	Utility Plant Original Cost	A346	Meters	A3344	Meters & Meter Installati
ASSC76	101000	335000	Hydrants	B01	Utility Plant Original Cost	A348	Hydrants	A3354	Hydrants
ASSC76	101000	336000	Backflow Prevention Devic	B01	Utility Plant Original Cost	A345	Services	A3364	Backflow Prevention Devic
ASSC76	101000	339100	Other P/E Intangible	B01	Utility Plant Original Cost	A303	Misc Intangible Plant	A3391	Other Plant & Equip Intan
ASSC76	101000	339200	Other P/E SS	B01	Utility Plant Original Cost	A317	Other Water Source Plant	A3392	Other Plant & Equip SS
ASSC76	101000	339300	Other P/E WT	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3393	Other Plant & Equip WT
ASSC76	101000	339400	Other P/E WT Res Hand Equ	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3393	Other Plant & Equip WT
ASSC76	101000	339500	Other P/E TD	B01	Utility Plant Original Cost	A349	Other TD Plant	A3394	Other Plant & Equip TD
ASSC76	101000	339600	Other P/E CPS	B01	Utility Plant Original Cost	A303	Misc Intangible Plant	A3391	Other Plant & Equip Intan
ASSC76	101000	340100	Office Furniture & Equip	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3405	Office Furniture & Equip
ASSC76	101000	340200	Comp & Periph Equip	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3405	Office Furniture & Equip
ASSC76	101000	340210	Comp & Periph Mainframe	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3405	Office Furniture & Equip
ASSC76	101000	340220	Comp & Periph Personal	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3405	Office Furniture & Equip
ASSC76	101000	340230	Comp & Periph Other	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3405	Office Furniture & Equip
ASSC76	101000	340240	Comp & Periph Capital Lea	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3405	Office Furniture & Equip
ASSC76	101000	340300	Computer Software	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3405	Office Furniture & Equip
ASSC76	101000	340310	Comp Software Mainframe	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3405	Office Furniture & Equip
ASSC76	101000	340315	Comp Software Special Dep	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3405	Office Furniture & Equip
ASSC76	101000	340320	Comp Software Personal	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3405	Office Furniture & Equip
ASSC76	101000	340325	Comp Software Customized	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3405	Office Furniture & Equip
ASSC76	101000	340330	Comp Software Other	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3405	Office Furniture & Equip
ASSC76	101000	340400	Data Handling Equipment	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3405	Office Furniture & Equip
ASSC76	101000	340500	Other Office Equipment	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3405	Office Furniture & Equip
ASSC76	101000	340501	Other Off Equip MA	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3405	Office Furniture & Equip
ASSC76	101000	341001	Trans Equip Not Classifie	B01	Utility Plant Original Cost	A392	Transportation Equip	A3415	Transportation Equip
ASSC76	101000	341100	Trans Equip Lt Duty Trks	B01	Utility Plant Original Cost	A392	Transportation Equip	A3415	Transportation Equip

**Tennessee American Water Company
NARUC Master Chart of Accounts**

GMMCU	GMOBJ	GMSUB	GMDL01	GMR004	GMR00401	GMR021	GMR02101	GMR022	GMR02201
ASSC76	101000	341200	Trans Equip Hvy Duty Trks	B01	Utility Plant Original Cost	A392	Transportation Equip	A3415	Transportation Equip
ASSC76	101000	341300	Trans Equip Autos	B01	Utility Plant Original Cost	A392	Transportation Equip	A3415	Transportation Equip
ASSC76	101000	341400	Trans Equip Other	B01	Utility Plant Original Cost	A392	Transportation Equip	A3415	Transportation Equip
ASSC76	101000	342000	Stores Equipment	B01	Utility Plant Original Cost	A393	Stores Equipment	A3425	Stores Equipment
ASSC76	101000	343000	Tools,Shop,Garage Equip	B01	Utility Plant Original Cost	A394	Tools, Shop, Garage Equip	A3435	Tools, Shop, Garage Equip
ASSC76	101000	343100	Tools,Shop,Garage Equip O	B01	Utility Plant Original Cost	A394	Tools, Shop, Garage Equip	A3435	Tools, Shop, Garage Equip
ASSC76	101000	344000	Laboratory Equipment	B01	Utility Plant Original Cost	A395	Laboratory Equipment	A3445	Laboratory Equipment
ASSC76	101000	344100	Laboratory Equip Other	B01	Utility Plant Original Cost	A395	Laboratory Equipment	A3445	Laboratory Equipment
ASSC76	101000	345000	Power Operated Equipment	B01	Utility Plant Original Cost	A396	Power Oper Equipment	A3455	Power Operated Equip
ASSC76	101000	345100	Power Oper Equip Other	B01	Utility Plant Original Cost	A396	Power Oper Equipment	A3455	Power Operated Equip
ASSC76	101000	346000	Comm Equip Not Classified	B01	Utility Plant Original Cost	A397	Communication Equip	A3465	Communication Equip
ASSC76	101000	346100	Comm Equip Non-Telephone	B01	Utility Plant Original Cost	A397	Communication Equip	A3465	Communication Equip
ASSC76	101000	346190	Remote Control & Instrume	B01	Utility Plant Original Cost	A397	Communication Equip	A3465	Communication Equip
ASSC76	101000	346200	Comm Equip Telephone	B01	Utility Plant Original Cost	A397	Communication Equip	A3465	Communication Equip
ASSC76	101000	346300	Comm Equip Other	B01	Utility Plant Original Cost	A397	Communication Equip	A3465	Communication Equip
ASSC76	101000	347000	Misc Equipment	B01	Utility Plant Original Cost	A398	Misc Equipment	A3475	Miscellaneous Equip
ASSC76	101000	348000	Other Tangible Property	B01	Utility Plant Original Cost	A399	Other Tangible Property	A3485	Other Tangible Plant
ASSC76	101000	351000	WW Organization	B01	Utility Plant Original Cost	A301	Organization	A3511	WW Organization
ASSC76	101000	352000	WW Franchises	B01	Utility Plant Original Cost	A302	Franchises & Consents	A3521	WW Franchises
ASSC76	101000	352200	WW Other Intangible Plt	B01	Utility Plant Original Cost	A303	Misc Intangible Plant	A3521	WW Franchises
ASSC76	101000	353200	WW Land & Ld Rights Coll	B01	Utility Plant Original Cost	A350	WW Land & Ld Rights Coll	A3532	WW Land & Ld Rights Coll
ASSC76	101000	353300	WW Land & Ld Rights SPP	B01	Utility Plant Original Cost	A360	WW Land & Ld Rights SPP	A3533	WW Land & Ld Rights SPP
ASSC76	101000	353400	WW Land & Ld Rights TDP	B01	Utility Plant Original Cost	A370	WW Land & Ld Rights TDP	A3534	WW Land & Ld Rights TDP
ASSC76	101000	353500	WW Land & Ld Rights Gen	B01	Utility Plant Original Cost	A389	Land & Land Rights AG	A3537	WW Land & Ld Rights Gen
ASSC76	101000	354200	WW Struct & Imp Coll	B01	Utility Plant Original Cost	A351	WW Struct & Imp Coll	A3542	WW Struct & Imp Coll
ASSC76	101000	354300	WW Struct & Imp SPP	B01	Utility Plant Original Cost	A361	WW Struct & Imp SPP	A3543	WW Struct & Imp SPP
ASSC76	101000	354400	WW Struct & Imp TDP	B01	Utility Plant Original Cost	A371	WW Struct & Imp TDP	A3544	WW Struct & Imp TDP
ASSC76	101000	354500	WW Struct & Imp Gen	B01	Utility Plant Original Cost	A390	Struct & Improve AG	A3547	WW Struct & Imp Gen
ASSC76	101000	354510	WW Struct & Imp Gen Lease	B01	Utility Plant Original Cost	A390	Struct & Improve AG	A3547	WW Struct & Imp Gen
ASSC76	101000	354515	WW Struct & Imp AG Wood	B01	Utility Plant Original Cost	A390	Struct & Improve AG	A3547	WW Struct & Imp Gen
ASSC76	101000	354520	WW Struct & Imp AG Masonr	B01	Utility Plant Original Cost	A390	Struct & Improve AG	A3547	WW Struct & Imp Gen
ASSC76	101000	354530	WW Struct & Imp AG Fencin	B01	Utility Plant Original Cost	A390	Struct & Improve AG	A3547	WW Struct & Imp Gen
ASSC76	101000	355200	WW Pwr Gen Equip Coll	B01	Utility Plant Original Cost	A356	WW Other Equip Coll	A3552	WW Pwr Gen Equip Coll
ASSC76	101000	355300	WW Pwr Gen Equip SPP	B01	Utility Plant Original Cost	A363	WW Elec Pump Equip SPP	A3553	WW Pwr Gen Equip SPP
ASSC76	101000	355400	WW Pwr Gen Equip TDP	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3554	WW Pwr Gen Equip TDP
ASSC76	101000	355500	WW Pwr Gen Equip RWTP	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3555	WW Pwr Gen Equip RWTP
ASSC76	101000	355600	WW Pwr Gen Equip RWDP	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3556	WW Pwr Gen Equip RWDP
ASSC76	101000	360000	WW Collection Sewers Forc	B01	Utility Plant Original Cost	A3521	WW Collection Sewers Forc	A3602	WW Collection Sewers Forc
ASSC76	101000	361100	WW Collecting Mains	B01	Utility Plant Original Cost	A352	WW Collecting Mains	A3612	WW Collection Sewers Grav
ASSC76	101000	361101	WW Collecting Mains Other	B01	Utility Plant Original Cost	A352	WW Collecting Mains	A3612	WW Collection Sewers Grav
ASSC76	101000	362000	WW Special Coll Struct	B01	Utility Plant Original Cost	A3523	WW Special Coll Struct	A3622	WW Special Coll Struct
ASSC76	101000	363000	WW Services Sewer	B01	Utility Plant Original Cost	A353	WW Services Sewer	A3632	WW Services Sewer
ASSC76	101000	364000	WW Flow Measuring Devices	B01	Utility Plant Original Cost	A354	WW Flow Measuring Devices	A3642	WW Flow Measuring Devices
ASSC76	101000	365000	WW Flow Measuring Install	B01	Utility Plant Original Cost	A355	WW Flow Measuring Install	A3652	WW Flow Measuring Install
ASSC76	101000	370000	WW Receiving Wells	B01	Utility Plant Original Cost	A362	WW Receiving Wells	A3703	WW Receiving Wells
ASSC76	101000	371100	WW Pump Equip Elect	B01	Utility Plant Original Cost	A363	WW Elec Pump Equip SPP	A3713	WW Pumping Equipment
ASSC76	101000	371160	WW Pump Eq Elec <+5HP	B01	Utility Plant Original Cost	A363	WW Elec Pump Equip SPP	A3713	WW Pumping Equipment
ASSC76	101000	371170	WW Pump Eq Elec >5HP	B01	Utility Plant Original Cost	A365	WW Other Pump Equip SPP	A3713	WW Pumping Equipment
ASSC76	101000	371200	WW Pump Equip Oth Pwr	B01	Utility Plant Original Cost	A365	WW Other Pump Equip SPP	A3713	WW Pumping Equipment
ASSC76	101000	371300	WW Pump Equip Misc	B01	Utility Plant Original Cost	A365	WW Other Pump Equip SPP	A3713	WW Pumping Equipment
ASSC76	101000	380000	WW TD Equipment	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3804	WW TD Equipment
ASSC76	101000	380050	WW TD Equip Grit Removal	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3804	WW TD Equipment
ASSC76	101000	380100	WW TD Equip Sed Tanks/Acc	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3804	WW TD Equipment

**Tennessee American Water Company
NARUC Master Chart of Accounts**

GMMCU	GMOBJ	GMSUB	GMDL01	GMR004	GMR00401	GMR021	GMR02101	GMR022	GMR02201
ASSC76	101000	380200	WW TD Equip Sldge/Effl Rm	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3804	WW TD Equipment
ASSC76	101000	380250	WW TD Equip Sldge Dig Trnk	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3804	WW TD Equipment
ASSC76	101000	380300	WW TD Equip Sldge Dry/Fil	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3804	WW TD Equipment
ASSC76	101000	380350	WW TD Equip Sec Trmt Filt	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3804	WW TD Equipment
ASSC76	101000	380400	WW TD Equip Aux Effl Trmt	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3804	WW TD Equipment
ASSC76	101000	380450	WW TD Equip Oth Sew Rem	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3804	WW TD Equipment
ASSC76	101000	380500	WW TD Equip Chem Trmt Plt	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3804	WW TD Equipment
ASSC76	101000	380600	WW TD Equip Oth Disp	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3804	WW TD Equipment
ASSC76	101000	380625	WW TD Equip Gen Trmt	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3804	WW TD Equipment
ASSC76	101000	380650	WW TD Equip Influent Lift	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3804	WW TD Equipment
ASSC76	101000	381000	WW Plant Sewers	B01	Utility Plant Original Cost	A373	WW Plant Sewers	A3814	WW Plant Sewers
ASSC76	101000	382000	WW Outfall Sewer Lines	B01	Utility Plant Original Cost	A374	WW Outfall Sewer Lines	A3824	WW Outfall Sewer Lines
ASSC76	101000	389100	WW Oth Plt & Misc Equip I	B01	Utility Plant Original Cost	A303	Misc Intangible Plant	A3891	WW Oth Plt&Misc Eq Intang
ASSC76	101000	389200	WW Oth Plt & Misc Equip C	B01	Utility Plant Original Cost	A356	WW Other Equip Coll	A3892	WW Oth Plt&Misc Eq Coll
ASSC76	101000	389300	WW Oth Plt & Misc Equip S	B01	Utility Plant Original Cost	A365	WW Other Pump Equip SPP	A3893	WW Oth Plt&Misc Eq SPP
ASSC76	101000	389400	WW Oth Plt & Misc Equip T	B01	Utility Plant Original Cost	A375	WW Other TD Equip	A3894	WW Oth Plt&Misc Eq TDP
ASSC76	101000	389600	WW Other P/E-CPS	B01	Utility Plant Original Cost	A303	Misc Intangible Plant	A3891	WW Oth Plt&Misc Eq Intang
ASSC76	101000	390000	WW Office Furniture & Equ	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3907	WW Office Furniture & Equ
ASSC76	101000	390200	WW Computers & Peripheral	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3907	WW Office Furniture & Equ
ASSC76	101000	390300	WW Computer Software	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3907	WW Office Furniture & Equ
ASSC76	101000	391000	WW Trans Equipment	B01	Utility Plant Original Cost	A392	Transportation Equip	A3917	WW Transportation Equip
ASSC76	101000	391100	WW Trans Equip Lt Dty Trk	B01	Utility Plant Original Cost	A392	Transportation Equip	A3917	WW Transportation Equip
ASSC76	101000	391200	WW Trans Equip Hvy Dty Tr	B01	Utility Plant Original Cost	A392	Transportation Equip	A3917	WW Transportation Equip
ASSC76	101000	392000	WW Stores Equipment	B01	Utility Plant Original Cost	A393	Stores Equipment	A3927	WW Stores Equip
ASSC76	101000	393000	WW Tool Shop & Garage Equ	B01	Utility Plant Original Cost	A394	Tools, Shop, Garage Equip	A3937	WW Tools,Shop,Garage Equi
ASSC76	101000	394000	WW Laboratory Equipment	B01	Utility Plant Original Cost	A395	Laboratory Equipment	A3947	WW Laboratory Equipment
ASSC76	101000	395000	WW Power Operated Equip	B01	Utility Plant Original Cost	A396	Power Oper Equipment	A3957	WW Power Operated Equip
ASSC76	101000	396000	WW Communication Equip	B01	Utility Plant Original Cost	A397	Communication Equip	A3967	WW Communications Equip
ASSC76	101000	397000	WW Misc Equipment	B01	Utility Plant Original Cost	A398	Misc Equipment	A3977	WW Misc Equipment
ASSC76	101000	398000	WW Other Tangible Plant	B01	Utility Plant Original Cost	A399	Other Tangible Property	A3987	WW Other Tangible Propert
ASSC84	101000	301000	Organization	B01	Utility Plant Original Cost	B3011	Organization	B301	Organization
ASSC84	101000	302000	Franchises	B01	Utility Plant Original Cost	B3021	Franchises	B302	Franchises and Consents
ASSC84	101000	302100	Franchises Amortizable	B01	Utility Plant Original Cost	B3021	Franchises	B302	Franchises and Consents
ASSC84	101000	303200	Land & Ld Rights SS	B01	Utility Plant Original Cost	B3032	Land & Land Rights SS	B306	Land and Land Rights
ASSC84	101000	303300	Land & Ld Rights P	B01	Utility Plant Original Cost	B3032	Land & Land Rights SS	B306	Land and Land Rights
ASSC84	101000	303400	Land & Ld Rights WT	B01	Utility Plant Original Cost	B3033	Land & Land Rights WT	B306	Land and Land Rights
ASSC84	101000	303410	Depletable Ld WT	B01	Utility Plant Original Cost	B3033	Land & Land Rights WT	B306	Land and Land Rights
ASSC84	101000	303500	Land & Ld Rights TD	B01	Utility Plant Original Cost	B3034	Land & Land Rights TD	B306	Land and Land Rights
ASSC84	101000	303501	Land TD	B01	Utility Plant Original Cost	B3034	Land & Land Rights TD	B306	Land and Land Rights
ASSC84	101000	303502	Rights of Way TD	B01	Utility Plant Original Cost	B3034	Land & Land Rights TD	B306	Land and Land Rights
ASSC84	101000	303600	Land & Land Rights AG	B01	Utility Plant Original Cost	B3035	Land & Land Rights AG	B306	Land and Land Rights
ASSC84	101000	304100	Struct & Imp SS	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B311	Structures and Improvemen
ASSC84	101000	304101	Struct & Imp SS-Millbury	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B311	Structures and Improvemen
ASSC84	101000	304102	Struct & Imp SS-Free St	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B311	Structures and Improvemen
ASSC84	101000	304103	Struct & Imp SS-Downing	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B311	Structures and Improvemen
ASSC84	101000	304104	Struct & Imp SS-Free St	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B311	Structures and Improvemen
ASSC84	101000	304200	Struct & Imp P	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304201	Struct & Imp Pumps (STL)	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304202	Struct & Imp Pump Booster	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304220	Struct & Imp P MA	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304221	Struct & Imp P MA	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304222	Struct & Imp P MA	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304224	Struct & Imp P MA	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen

**Tennessee American Water Company
NARUC Master Chart of Accounts**

GMMCU	GMOBJ	GMSUB	GMDL01	GMR004	GMR00401	GMR021	GMR02101	GMR022	GMR02201
ASSC84	101000	304225	Struct & Imp P MA	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304227	Struct & Imp P MA	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304228	Struct & Imp P MA	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304229	Struct & Imp P MA	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304230	Struct & Imp P MA	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304231	Struct & Imp P MA	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304233	Struct & Imp P MA	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304234	Struct & Imp P MA	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304235	Struct & Imp P MA	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304236	Struct & Imp P MA	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304300	Struct & Imp WT	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304301	Struct & Imp WT Depr Pntn	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304302	Struct & Imp WT Paint	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304310	Struct & Imp WT Wste Hand	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304312	Struct & Imp WT WH Repair	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304320	Struct & Imp WT Nth Plt (	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304321	Struct & Imp WT MA	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304322	Struct & Imp WT MA	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304323	Struct & Imp WT MA	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304324	Struct & Imp WT MA	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304330	Struct & Imp WT Ctrl Plt	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304340	Struct & Imp WT Ctrl Plt	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304350	Struct & Imp WT Sth Plt (	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304360	Struct & Imp WT Meramec (	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304390	Struct & Imp WT Mix & Set	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304391	Struct & Imp WT Pur Bldg	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304392	Struct & Imp WT Wsh Wtr T	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304400	Struct & Imp TD	B01	Utility Plant Original Cost	B3044	Struct & Improve TD	B341	Structures and Improvemen
ASSC84	101000	304410	Struct & Imp TD Spec Cros	B01	Utility Plant Original Cost	B3044	Struct & Improve TD	B341	Structures and Improvemen
ASSC84	101000	304500	Struct & Imp AG	B01	Utility Plant Original Cost	B3045	Struct & Improve AG	B371	Structures and Improvemen
ASSC84	101000	304510	Struct & Imp AG Cap Lease	B01	Utility Plant Original Cost	B3045	Struct & Improve AG	B371	Structures and Improvemen
ASSC84	101000	304515	Struct & Imp AG Wood	B01	Utility Plant Original Cost	B3045	Struct & Improve AG	B371	Structures and Improvemen
ASSC84	101000	304520	Struct & Imp AG Masonry	B01	Utility Plant Original Cost	B3045	Struct & Improve AG	B371	Structures and Improvemen
ASSC84	101000	304600	Struct & Imp Offices	B01	Utility Plant Original Cost	B3045	Struct & Improve AG	B371	Structures and Improvemen
ASSC84	101000	304610	Gen Structures - HVAC	B01	Utility Plant Original Cost	B3045	Struct & Improve AG	B371	Structures and Improvemen
ASSC84	101000	304620	Struct & Imp Leasehold	B01	Utility Plant Original Cost	B3045	Struct & Improve AG	B371	Structures and Improvemen
ASSC84	101000	304621	Struct & Imp Leasehold	B01	Utility Plant Original Cost	B3045	Struct & Improve AG	B371	Structures and Improvemen
ASSC84	101000	304700	Struct & Imp Store,Shop,G	B01	Utility Plant Original Cost	B3045	Struct & Improve AG	B371	Structures and Improvemen
ASSC84	101000	304800	Struct & Imp Misc	B01	Utility Plant Original Cost	B3045	Struct & Improve AG	B371	Structures and Improvemen
ASSC84	101000	305000	Collect & Impounding	B01	Utility Plant Original Cost	B3052	Collecting & Impounding	B312	Collecting and Impounding
ASSC84	101000	306000	Lake, River & Other Intak	B01	Utility Plant Original Cost	B3062	Lake, River & Other Intak	B313	Lake, River and Other Int
ASSC84	101000	306001	Intakes Leased	B01	Utility Plant Original Cost	B3062	Lake, River & Other Intak	B313	Lake, River and Other Int
ASSC84	101000	307000	Wells & Springs	B01	Utility Plant Original Cost	B3072	Wells & Springs	B315	Wells
ASSC84	101000	307001	Wells & Springs MA	B01	Utility Plant Original Cost	B3072	Wells & Springs	B315	Wells
ASSC84	101000	307002	Wells & Springs MA	B01	Utility Plant Original Cost	B3072	Wells & Springs	B315	Wells
ASSC84	101000	307003	Wells & Springs MA	B01	Utility Plant Original Cost	B3072	Wells & Springs	B315	Wells
ASSC84	101000	307004	Wells & Springs MA	B01	Utility Plant Original Cost	B3072	Wells & Springs	B315	Wells
ASSC84	101000	307005	Wells & Springs MA	B01	Utility Plant Original Cost	B3072	Wells & Springs	B315	Wells
ASSC84	101000	307006	Wells & Springs MA	B01	Utility Plant Original Cost	B3072	Wells & Springs	B315	Wells
ASSC84	101000	307007	Wells & Springs MA	B01	Utility Plant Original Cost	B3072	Wells & Springs	B315	Wells
ASSC84	101000	307008	Wells & Springs MA	B01	Utility Plant Original Cost	B3072	Wells & Springs	B315	Wells
ASSC84	101000	307010	Wells & Springs MA	B01	Utility Plant Original Cost	B3072	Wells & Springs	B315	Wells
ASSC84	101000	307011	Wells & Springs MA	B01	Utility Plant Original Cost	B3072	Wells & Springs	B315	Wells

**Tennessee American Water Company
NARUC Master Chart of Accounts**

GMMCU	GMOBJ	GMSUB	GMDL01	GMR004	GMR00401	GMR021	GMR02101	GMR022	GMR02201
ASSC84	101000	307012	Wells & Springs MA	B01	Utility Plant Original Cost	B3072	Wells & Springs	B315	Wells
ASSC84	101000	307013	Wells & Springs MA	B01	Utility Plant Original Cost	B3072	Wells & Springs	B315	Wells
ASSC84	101000	307014	Wells & Springs MA	B01	Utility Plant Original Cost	B3072	Wells & Springs	B315	Wells
ASSC84	101000	307016	Wells & Springs MA	B01	Utility Plant Original Cost	B3072	Wells & Springs	B315	Wells
ASSC84	101000	307200	Wells Only (LI)	B01	Utility Plant Original Cost	B3072	Wells & Springs	B315	Wells
ASSC84	101000	308000	Infiltration Galleries &	B01	Utility Plant Original Cost	B3082	Infilt Galleries & Tunnel	B314	Springs and Tunnels
ASSC84	101000	309000	Supply Mains	B01	Utility Plant Original Cost	B3092	Supply Mains	B316	Supply Mains
ASSC84	101000	309100	Supply Mains Nth Plt (STL	B01	Utility Plant Original Cost	B3092	Supply Mains	B316	Supply Mains
ASSC84	101000	309200	Supply Mains Ctrl Plt (ST	B01	Utility Plant Original Cost	B3092	Supply Mains	B316	Supply Mains
ASSC84	101000	309300	Supply Mains Sth Plt (STL	B01	Utility Plant Original Cost	B3092	Supply Mains	B316	Supply Mains
ASSC84	101000	309400	Supply Mains Meramec Plt	B01	Utility Plant Original Cost	B3092	Supply Mains	B316	Supply Mains
ASSC84	101000	310000	Power Generation Equip	B01	Utility Plant Original Cost	B3102	Power Generation Equip	B323	Other Power Production Eq
ASSC84	101000	310100	Power Generation Equip Ot	B01	Utility Plant Original Cost	B3102	Power Generation Equip	B323	Other Power Production Eq
ASSC84	101000	310200	Boiler Plant Equipment P	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B322	Boiler Plant Equipment
ASSC84	101000	311100	Pump Equip Steam	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311200	Pump Equip Electric	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311210	Pump Equip Elec Pre46 (ST	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311220	Pump Equip Elec Post46 (S	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311230	Pump Equip Elec Boosters	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311250	Pump Equip Electric TD	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311260	Pump Equip Elec TD <=5HP	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311270	Pump Equip Elec TD >5HP	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311300	Pump Equip Diesel	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311310	Pump Equip Diesel Stratma	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311320	Pump Equip Diesel Ctrl PI	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311350	Pump Equip Diesel TD	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311400	Pump Equip Hydraulic	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311500	Pump Equip Other	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311501	Pump Equip Other MA	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311502	Pump Equip Other MA	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311503	Pump Equip Other MA	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311504	Pump Equip Other MA	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311507	Pump Equip Other MA	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311508	Pump Equip Other MA	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311509	Pump Equip Other MA	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311510	Pump Equip Other MA	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311511	Pump Equip Other MA	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311512	Pump Equip Other MA	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311513	Pump Equip Other MA	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311514	Pump Equip Other MA	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311515	Pump Equip Other MA	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311516	Pump Equip Other MA	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311520	Pumping Equipment SS	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311530	Pumping Equipment WT	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B332	Water Treatment Equipment
ASSC84	101000	311540	Pumping Equipment TD	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311550	Pump Equip Other TD	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	320100	WT Equip Non-Media	B01	Utility Plant Original Cost	B3203	Water Treatment Equipment	B332	Water Treatment Equipment
ASSC84	101000	320110	WT Equip Purification (LI	B01	Utility Plant Original Cost	B3203	Water Treatment Equipment	B332	Water Treatment Equipment
ASSC84	101000	320120	WT Equip Non-Med North (S	B01	Utility Plant Original Cost	B3203	Water Treatment Equipment	B332	Water Treatment Equipment
ASSC84	101000	320130	WT Equip Non Media Ctrl 1	B01	Utility Plant Original Cost	B3203	Water Treatment Equipment	B332	Water Treatment Equipment
ASSC84	101000	320140	WT Equip Non Media Ctrl 3	B01	Utility Plant Original Cost	B3203	Water Treatment Equipment	B332	Water Treatment Equipment
ASSC84	101000	320150	WT Equip Non Media Sth (S	B01	Utility Plant Original Cost	B3203	Water Treatment Equipment	B332	Water Treatment Equipment
ASSC84	101000	320160	WT Equip Non Media Mer (S	B01	Utility Plant Original Cost	B3203	Water Treatment Equipment	B332	Water Treatment Equipment

**Tennessee American Water Company
NARUC Master Chart of Accounts**

GMMCU	GMOBJ	GMSUB	GMDL01	GMR004	GMR00401	GMR021	GMR02101	GMR022	GMR02201
ASSC84	101000	320190	WT Equip Set Basin,Clear	B01	Utility Plant Original Cost	B3203	Water Treatment Equipment	B332	Water Treatment Equipment
ASSC84	101000	320191	WT Equip Filter Plant Pip	B01	Utility Plant Original Cost	B3203	Water Treatment Equipment	B332	Water Treatment Equipment
ASSC84	101000	320192	WT Equip Wash Water Tank	B01	Utility Plant Original Cost	B3203	Water Treatment Equipment	B332	Water Treatment Equipment
ASSC84	101000	320193	WT Equip Chemical Feed (I	B01	Utility Plant Original Cost	B3203	Water Treatment Equipment	B332	Water Treatment Equipment
ASSC84	101000	320200	WT Equip Filter Media	B01	Utility Plant Original Cost	B3203	Water Treatment Equipment	B332	Water Treatment Equipment
ASSC84	101000	320400	WT Equip Waste Handling (	B01	Utility Plant Original Cost	B3203	Water Treatment Equipment	B332	Water Treatment Equipment
ASSC84	101000	320500	WT Equip Pur Sys Lg (PA)	B01	Utility Plant Original Cost	B3203	Water Treatment Equipment	B332	Water Treatment Equipment
ASSC84	101000	320502	WT Equip Pur Sys Lg Repai	B01	Utility Plant Original Cost	B3203	Water Treatment Equipment	B332	Water Treatment Equipment
ASSC84	101000	330000	Dist Reservoirs & Standpi	B01	Utility Plant Original Cost	B3304	Dist Reservoirs & Standpi	B342	Resorviours and Tanks
ASSC84	101000	330002	Dist Res & Stand Orig Pai	B01	Utility Plant Original Cost	B3304	Dist Reservoirs & Standpi	B342	Resorviours and Tanks
ASSC84	101000	330003	Dist Res & Stand Orig Rep	B01	Utility Plant Original Cost	B3304	Dist Reservoirs & Standpi	B342	Resorviours and Tanks
ASSC84	101000	330020	Dist Res & Stand MA	B01	Utility Plant Original Cost	B3304	Dist Reservoirs & Standpi	B342	Resorviours and Tanks
ASSC84	101000	330021	Dist Res & Stand MA	B01	Utility Plant Original Cost	B3304	Dist Reservoirs & Standpi	B342	Resorviours and Tanks
ASSC84	101000	330022	Dist Res & Stand MA	B01	Utility Plant Original Cost	B3304	Dist Reservoirs & Standpi	B342	Resorviours and Tanks
ASSC84	101000	330023	Dist Res & Stand MA	B01	Utility Plant Original Cost	B3304	Dist Reservoirs & Standpi	B342	Resorviours and Tanks
ASSC84	101000	330024	Dist Res & Stand MA	B01	Utility Plant Original Cost	B3304	Dist Reservoirs & Standpi	B342	Resorviours and Tanks
ASSC84	101000	330100	Elevated Tanks & Standpip	B01	Utility Plant Original Cost	B3304	Dist Reservoirs & Standpi	B342	Resorviours and Tanks
ASSC84	101000	330200	Ground Level Facilities	B01	Utility Plant Original Cost	B3304	Dist Reservoirs & Standpi	B342	Resorviours and Tanks
ASSC84	101000	330300	Below Grade Facilities	B01	Utility Plant Original Cost	B3304	Dist Reservoirs & Standpi	B342	Resorviours and Tanks
ASSC84	101000	330400	Clearwell	B01	Utility Plant Original Cost	B3304	Dist Reservoirs & Standpi	B342	Resorviours and Tanks
ASSC84	101000	331001	TD Mains Not Classified b	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331002	TD Mains (CT)	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331003	TD Mains Paving (LI)	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331100	TD Mains 4in & Less	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331101	TD Mains 4in & Less Nth (	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331200	TD Mains 6in to 8in	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331210	TD Mains 6in to 10in (TN)	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331230	TD Mains 6in & Grtr (LI)	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331300	TD Mains 10in to 16in	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331350	TD Mains 12in & Grtr (TN)	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331400	TD Mains 18in & Grtr	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331500	TD Mains Bridgeport (CN)	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331601	TD Mains AC 4in (STL)	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331602	TD Mains CI <10in 1900-28	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331603	TD Mains CI <10in 1929-56	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331604	TD Mains CI <10in 1957-93	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331605	TD Mains CI 12in (STL)	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331606	TD Mains CI 16in (STL)	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331607	TD Mains DI 6in (STL)	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331608	TD Mains DI 12in (STL)	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331609	TD Mains DI 16in (STL)	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331610	TD Mains Galve 1in (STL)	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331611	TD Mains LJ 20in (STL)	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331612	TD Main PL 6-8in (STL)	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331613	TD Main PL 12in (STL)	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331614	TD Main DI 4in (STL)	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331615	TD Mains DI 24in	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331616	TD Main DI 10in (STL)	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	332000	Fire Mains	B01	Utility Plant Original Cost	B3314	TD Mains	B344	Fire Mains
ASSC84	101000	333000	Services	B01	Utility Plant Original Cost	B3334	Services	B345	Services
ASSC84	101000	334100	Meters	B01	Utility Plant Original Cost	B3344	Meters & Meter Installati	B346	Meters
ASSC84	101000	334110	Meters Bronze Case	B01	Utility Plant Original Cost	B3344	Meters & Meter Installati	B346	Meters
ASSC84	101000	334120	Meters Plastic Case	B01	Utility Plant Original Cost	B3344	Meters & Meter Installati	B346	Meters

**Tennessee American Water Company
NARUC Master Chart of Accounts**

GMMCU	GMOBJ	GMSUB	GMDL01	GMR004	GMR00401	GMR021	GMR02101	GMR022	GMR02201
ASSC84	101000	334130	Meters Other	B01	Utility Plant Original Cost	B3344	Meters & Meter Installati	B346	Meters
ASSC84	101000	334131	Meters Other-Rem Rdr Unts	B01	Utility Plant Original Cost	B3344	Meters & Meter Installati	B346	Meters
ASSC84	101000	334200	Meter Installations	B01	Utility Plant Original Cost	B3344	Meters & Meter Installati	B347	Meter Installations
ASSC84	101000	334201	Meter Installation Other	B01	Utility Plant Original Cost	B3344	Meters & Meter Installati	B347	Meter Installations
ASSC84	101000	334300	Meter Vaults	B01	Utility Plant Original Cost	B3344	Meters & Meter Installati	B346	Meters
ASSC84	101000	335000	Hydrants	B01	Utility Plant Original Cost	B3354	Hydrants	B348	Hydrants
ASSC84	101000	336000	Backflow Prevention Devic	B01	Utility Plant Original Cost	B3334	Services	B345	Services
ASSC84	101000	339100	Other P/E Intangible	B01	Utility Plant Original Cost	B3391	Other Plant & Equip Intan	B303	Other intangible Plant
ASSC84	101000	339200	Other P/E SS	B01	Utility Plant Original Cost	B3392	Other Plant & Equip SS	B317	Other Source of Supply Pl
ASSC84	101000	339300	Other P/E WT	B01	Utility Plant Original Cost	B3393	Other Plant & Equip WT	B332	Water Treatment Equipment
ASSC84	101000	339400	Other P/E WT Res Hand Equ	B01	Utility Plant Original Cost	B3393	Other Plant & Equip WT	B332	Water Treatment Equipment
ASSC84	101000	339500	Other P/E TD	B01	Utility Plant Original Cost	B3394	Other Plant & Equip TD	B349	Other Transmission and Di
ASSC84	101000	339600	Other P/E CPS	B01	Utility Plant Original Cost	B3391	Other Plant & Equip Intan	B303	Other intangible Plant
ASSC84	101000	340100	Office Furniture & Equip	B01	Utility Plant Original Cost	B3405	Office Furniture & Equip	B372	Office Furniture and Equi
ASSC84	101000	340200	Comp & Periph Equip	B01	Utility Plant Original Cost	B3405	Office Furniture & Equip	B372	Office Furniture and Equi
ASSC84	101000	340210	Comp & Periph Mainframe	B01	Utility Plant Original Cost	B3405	Office Furniture & Equip	B372	Office Furniture and Equi
ASSC84	101000	340220	Comp & Periph Personal	B01	Utility Plant Original Cost	B3405	Office Furniture & Equip	B372	Office Furniture and Equi
ASSC84	101000	340230	Comp & Periph Other	B01	Utility Plant Original Cost	B3405	Office Furniture & Equip	B372	Office Furniture and Equi
ASSC84	101000	340240	Comp & Periph Capital Lea	B01	Utility Plant Original Cost	B3405	Office Furniture & Equip	B372	Office Furniture and Equi
ASSC84	101000	340300	Computer Software	B01	Utility Plant Original Cost	B3405	Office Furniture & Equip	B372	Office Furniture and Equi
ASSC84	101000	340310	Comp Software Mainframe	B01	Utility Plant Original Cost	B3405	Office Furniture & Equip	B372	Office Furniture and Equi
ASSC84	101000	340315	Comp Software Special Dep	B01	Utility Plant Original Cost	B3405	Office Furniture & Equip	B372	Office Furniture and Equi
ASSC84	101000	340320	Comp Software Personal	B01	Utility Plant Original Cost	B3405	Office Furniture & Equip	B372	Office Furniture and Equi
ASSC84	101000	340325	Comp Software Customized	B01	Utility Plant Original Cost	B3405	Office Furniture & Equip	B372	Office Furniture and Equi
ASSC84	101000	340330	Comp Software Other	B01	Utility Plant Original Cost	B3405	Office Furniture & Equip	B372	Office Furniture and Equi
ASSC84	101000	340400	Data Handling Equipment	B01	Utility Plant Original Cost	B3405	Office Furniture & Equip	B372	Office Furniture and Equi
ASSC84	101000	340500	Other Office Equipment	B01	Utility Plant Original Cost	B3405	Office Furniture & Equip	B372	Office Furniture and Equi
ASSC84	101000	340501	Other Off Equip MA	B01	Utility Plant Original Cost	B3405	Office Furniture & Equip	B372	Office Furniture and Equi
ASSC84	101000	341001	Trans Equip Not Classifie	B01	Utility Plant Original Cost	B3415	Transportation Equip	B373	Transportation Equipment
ASSC84	101000	341100	Trans Equip Lt Duty Trks	B01	Utility Plant Original Cost	B3415	Transportation Equip	B373	Transportation Equipment
ASSC84	101000	341200	Trans Equip Hvy Duty Trks	B01	Utility Plant Original Cost	B3415	Transportation Equip	B373	Transportation Equipment
ASSC84	101000	341300	Trans Equip Autos	B01	Utility Plant Original Cost	B3415	Transportation Equip	B373	Transportation Equipment
ASSC84	101000	341400	Trans Equip Other	B01	Utility Plant Original Cost	B3415	Transportation Equip	B373	Transportation Equipment
ASSC84	101000	342000	Stores Equipment	B01	Utility Plant Original Cost	B3425	Stores Equipment	B374	Stores Equipment
ASSC84	101000	343000	Tools,Shop,Garage Equip	B01	Utility Plant Original Cost	B3435	Tools, Shop, Garage Equip	B378	Tools, Shop and Garage Eq
ASSC84	101000	343100	Tools,Shop,Garage Equip O	B01	Utility Plant Original Cost	B3435	Tools, Shop, Garage Equip	B378	Tools, Shop and Garage Eq
ASSC84	101000	344000	Laboratory Equipment	B01	Utility Plant Original Cost	B3445	Laboratory Equipment	B375	Laboratory Equipment
ASSC84	101000	344100	Laboratory Equip Other	B01	Utility Plant Original Cost	B3445	Laboratory Equipment	B375	Laboratory Equipment
ASSC84	101000	345000	Power Operated Equipment	B01	Utility Plant Original Cost	B3455	Power Operated Equip	B377	Power Operated Equipment
ASSC84	101000	345100	Power Oper Equip Other	B01	Utility Plant Original Cost	B3455	Power Operated Equip	B377	Power Operated Equipment
ASSC84	101000	346000	Comm Equip Not Classified	B01	Utility Plant Original Cost	B3465	Communication Equip	B376	Communication Equipment
ASSC84	101000	346100	Comm Equip Non-Telephone	B01	Utility Plant Original Cost	B3465	Communication Equip	B376	Communication Equipment
ASSC84	101000	346190	Remote Control & Instrume	B01	Utility Plant Original Cost	B3465	Communication Equip	B376	Communication Equipment
ASSC84	101000	346200	Comm Equip Telephone	B01	Utility Plant Original Cost	B3465	Communication Equip	B376	Communication Equipment
ASSC84	101000	346300	Comm Equip Other	B01	Utility Plant Original Cost	B3465	Communication Equip	B376	Communication Equipment
ASSC84	101000	347000	Misc Equipment	B01	Utility Plant Original Cost	B3475	Miscellaneous Equip	B379	Other General Plant
ASSC84	101000	348000	Other Tangible Property	B01	Utility Plant Original Cost	B3485	Other Tangible Plant	B379	Other General Plant
ASSC84	101000	351000	WW Organization	B01	Utility Plant Original Cost	B3511	Organization SWR	B301	Organization
ASSC84	101000	352000	WW Franchises	B01	Utility Plant Original Cost	B3521	Franchises SWR	B302	Franchises and Consents
ASSC84	101000	352200	WW Other Intangible Plt	B01	Utility Plant Original Cost	B3521	Franchises SWR	B303	Other intangible Plant
ASSC84	101000	353200	WW Land & Ld Rights Coll	B01	Utility Plant Original Cost	B3532	Land & Ld Rights Coll SWR	B306	Land and Land Rights
ASSC84	101000	353300	WW Land & Ld Rights SPP	B01	Utility Plant Original Cost	B3533	Land & Ld Rights SPP SWR	B306	Land and Land Rights
ASSC84	101000	353400	WW Land & Ld Rights TDP	B01	Utility Plant Original Cost	B3534	Land & Ld Rights TDP SWR	B306	Land and Land Rights

**Tennessee American Water Company
NARUC Master Chart of Accounts**

GMMCU	GMOBJ	GMSUB	GMDL01	GMR004	GMR00401	GMR021	GMR02101	GMR022	GMR02201
ASSC84	101000	353500	WW Land & Ld Rights Gen	B01	Utility Plant Original Cost	B3535	Land & Ld Rights Gen SWR	B306	Land and Land Rights
ASSC84	101000	354200	WW Struct & Imp Coll	B01	Utility Plant Original Cost	B3542	Struct & Imp Coll SWR	B311	Structures and Improvemen
ASSC84	101000	354300	WW Struct & Imp SPP	B01	Utility Plant Original Cost	B3543	Struct & Imp SPP SWR	B321	Structures and Improvemen
ASSC84	101000	354400	WW Struct & Imp TDP	B01	Utility Plant Original Cost	B3544	Struct & Imp TDP SWR	B341	Structures and Improvemen
ASSC84	101000	354500	WW Struct & Imp Gen	B01	Utility Plant Original Cost	B3545	Struct & Imp Gen SWR	B371	Structures and Improvemen
ASSC84	101000	354510	WW Struct & Imp Gen Lease	B01	Utility Plant Original Cost	B3545	Struct & Imp Gen SWR	B371	Structures and Improvemen
ASSC84	101000	354515	WW Struct & Imp AG Wood	B01	Utility Plant Original Cost	B3545	Struct & Imp Gen SWR	B371	Structures and Improvemen
ASSC84	101000	354520	WW Struct & Imp AG Masonr	B01	Utility Plant Original Cost	B3545	Struct & Imp Gen SWR	B371	Structures and Improvemen
ASSC84	101000	354530	WW Struct & Imp AG Fencin	B01	Utility Plant Original Cost	B3545	Struct & Imp Gen SWR	B371	Structures and Improvemen
ASSC84	101000	355200	WW Pwr Gen Equip Coll	B01	Utility Plant Original Cost	B3713	Pumping Equipment SWR	B323	Other Power Production Eq
ASSC84	101000	355300	WW Pwr Gen Equip SPP	B01	Utility Plant Original Cost	B3713	Pumping Equipment SWR	B323	Other Power Production Eq
ASSC84	101000	355400	WW Pwr Gen Equip TDP	B01	Utility Plant Original Cost	B3713	Pumping Equipment SWR	B323	Other Power Production Eq
ASSC84	101000	355500	WW Pwr Gen Equip RWTP	B01	Utility Plant Original Cost	B3713	Pumping Equipment SWR	B323	Other Power Production Eq
ASSC84	101000	355600	WW Pwr Gen Equip RWDP	B01	Utility Plant Original Cost	B3713	Pumping Equipment SWR	B323	Other Power Production Eq
ASSC84	101000	360000	WW Collection Sewers Forc	B01	Utility Plant Original Cost	B3602	Collection Sewers Force S	B316	Supply Mains
ASSC84	101000	361100	WW Collecting Mains	B01	Utility Plant Original Cost	B3612	Collection Sewers Gravity	B316	Supply Mains
ASSC84	101000	361101	WW Collecting Mains Other	B01	Utility Plant Original Cost	B3612	Collection Sewers Gravity	B316	Supply Mains
ASSC84	101000	362000	WW Special Coll Struct	B01	Utility Plant Original Cost	B3622	Special Collecting Struct	B311	Structures and Improvemen
ASSC84	101000	363000	WW Services Sewer	B01	Utility Plant Original Cost	B3632	Services SWR	B345	Services
ASSC84	101000	364000	WW Flow Measuring Devices	B01	Utility Plant Original Cost	B3642	Flow Measuring Devices SW	B346	Meters
ASSC84	101000	365000	WW Flow Measuring Install	B01	Utility Plant Original Cost	B3652	Flow Measuring Install SW	B347	Meter Installations
ASSC84	101000	370000	WW Receiving Wells	B01	Utility Plant Original Cost	B3703	Receiving Wells SWR	B315	Wells
ASSC84	101000	371100	WW Pump Equip Elect	B01	Utility Plant Original Cost	B3713	Pumping Equipment SWR	B324	Pumping Equipment
ASSC84	101000	371160	WW Pump Eq Elec <+5HP	B01	Utility Plant Original Cost	B3713	Pumping Equipment SWR	B324	Pumping Equipment
ASSC84	101000	371170	WW Pump Eq Elec >5HP	B01	Utility Plant Original Cost	B3713	Pumping Equipment SWR	B324	Pumping Equipment
ASSC84	101000	371200	WW Pump Equip Oth Pwr	B01	Utility Plant Original Cost	B3713	Pumping Equipment SWR	B324	Pumping Equipment
ASSC84	101000	371300	WW Pump Equip Misc	B01	Utility Plant Original Cost	B3713	Pumping Equipment SWR	B324	Pumping Equipment
ASSC84	101000	380000	WW TD Equipment	B01	Utility Plant Original Cost	B3804	Trmt & Disp Equipment SWR	B349	Other Transmission and Di
ASSC84	101000	380050	WW TD Equip Grit Removal	B01	Utility Plant Original Cost	B3804	Trmt & Disp Equipment SWR	B349	Other Transmission and Di
ASSC84	101000	380100	WW TD Equip Sed Tanks/Acc	B01	Utility Plant Original Cost	B3804	Trmt & Disp Equipment SWR	B349	Other Transmission and Di
ASSC84	101000	380200	WW TD Equip Sldge/Effl Rm	B01	Utility Plant Original Cost	B3804	Trmt & Disp Equipment SWR	B349	Other Transmission and Di
ASSC84	101000	380250	WW TD Equip Sldge Dig Tnk	B01	Utility Plant Original Cost	B3804	Trmt & Disp Equipment SWR	B349	Other Transmission and Di
ASSC84	101000	380300	WW TD Equip Sldge Dry/Fil	B01	Utility Plant Original Cost	B3804	Trmt & Disp Equipment SWR	B349	Other Transmission and Di
ASSC84	101000	380350	WW TD Equip Sec Trmt Filt	B01	Utility Plant Original Cost	B3804	Trmt & Disp Equipment SWR	B349	Other Transmission and Di
ASSC84	101000	380400	WW TD Equip Aux Effl Trmt	B01	Utility Plant Original Cost	B3804	Trmt & Disp Equipment SWR	B349	Other Transmission and Di
ASSC84	101000	380450	WW TD Equip Oth Sew Rem	B01	Utility Plant Original Cost	B3804	Trmt & Disp Equipment SWR	B349	Other Transmission and Di
ASSC84	101000	380500	WW TD Equip Chem Trmt Plt	B01	Utility Plant Original Cost	B3804	Trmt & Disp Equipment SWR	B349	Other Transmission and Di
ASSC84	101000	380600	WW TD Equip Oth Disp	B01	Utility Plant Original Cost	B3804	Trmt & Disp Equipment SWR	B349	Other Transmission and Di
ASSC84	101000	380625	WW TD Equip Gen Trmt	B01	Utility Plant Original Cost	B3804	Trmt & Disp Equipment SWR	B349	Other Transmission and Di
ASSC84	101000	380650	WW TD Equip Influent Lift	B01	Utility Plant Original Cost	B3804	Trmt & Disp Equipment SWR	B349	Other Transmission and Di
ASSC84	101000	381000	WW Plant Sewers	B01	Utility Plant Original Cost	B3814	Plant Sewers SWR	B343	Transmission and Distribu
ASSC84	101000	382000	WW Outfall Sewer Lines	B01	Utility Plant Original Cost	B3824	Outfall Sewer Lines	B343	Transmission and Distribu
ASSC84	101000	389100	WW Oth Plt & Misc Equip I	B01	Utility Plant Original Cost	B3891	Oth Plnt & Misc Equip Int	B303	Other intangible Plant
ASSC84	101000	389200	WW Oth Plt & Misc Equip C	B01	Utility Plant Original Cost	B3892	Oth Plnt & Misc Equip Col	B317	Other Source of Supply Pl
ASSC84	101000	389300	WW Oth Plt & Misc Equip S	B01	Utility Plant Original Cost	B3893	Oth Plnt & Misc Equip SPP	B325	Other Pumping Plant
ASSC84	101000	389400	WW Oth Plt & Misc Equip T	B01	Utility Plant Original Cost	B3894	Oth Plnt & Misc Equip TDP	B349	Other Transmission and Di
ASSC84	101000	389600	WW Other P/E-CPS	B01	Utility Plant Original Cost	B3891	Oth Plnt & Misc Equip Int	B303	Other intangible Plant
ASSC84	101000	390000	WW Office Furniture & Equ	B01	Utility Plant Original Cost	B3905	Other Furn & Equipment SW	B372	Office Furniture and Equi
ASSC84	101000	390200	WW Computers & Peripheral	B01	Utility Plant Original Cost	B3905	Other Furn & Equipment SW	B372	Office Furniture and Equi
ASSC84	101000	390300	WW Computer Software	B01	Utility Plant Original Cost	B3905	Other Furn & Equipment SW	B372	Office Furniture and Equi
ASSC84	101000	391000	WW Trans Equipment	B01	Utility Plant Original Cost	B3915	Transportation Equip SWR	B373	Transportation Equipment
ASSC84	101000	391100	WW Trans Equip Lt Dty Trk	B01	Utility Plant Original Cost	B3915	Transportation Equip SWR	B373	Transportation Equipment
ASSC84	101000	391200	WW Trans Equip Hvy Dty Tr	B01	Utility Plant Original Cost	B3915	Transportation Equip SWR	B373	Transportation Equipment

Tennessee American Water Company
NARUC Master Chart of Accounts

GMMCU	GMOBJ	GMSUB	GMDL01	GMR004	GMR00401	GMR021	GMR02101	GMR022	GMR02201
ASSC84	101000	392000	WW Stores Equipment	B01	Utility Plant Original Cost	B3925	Stores Equipment SWR	B374	Stores Equipment
ASSC84	101000	393000	WW Tool Shop & Garage Equ	B01	Utility Plant Original Cost	B3935	Tools, Shop, Garage Equip	B378	Tools, Shop and Garage Eq
ASSC84	101000	394000	WW Laboratory Equipment	B01	Utility Plant Original Cost	B3945	Laboratory Equipment SWR	B375	Laboratory Equipment
ASSC84	101000	395000	WW Power Operated Equip	B01	Utility Plant Original Cost	B3955	Power Operated Equip SWR	B377	Power Operated Equipment
ASSC84	101000	396000	WW Communication Equip	B01	Utility Plant Original Cost	B3965	Communication Equip SWR	B376	Communication Equipment
ASSC84	101000	397000	WW Misc Equipment	B01	Utility Plant Original Cost	B3975	Miscellaneous Equip SWR	B379	Other General Plant
ASSC84	101000	398000	WW Other Tangible Plant	B01	Utility Plant Original Cost	B3985	Other Tangible Plant SWR	B390	Other Tangible Property

Tennessee American Water Company
Depreciation Rate Download
*rates from fixed asset system (subledger)

rate_type	depr_afudc_method	utility_sub_acct	naruc_acct	start_month	rate_eff_date	life_rate	cor_rate	utility account	Book Depr Rate
AFUDC	1026			1/1/2014 0:00	01/2014				
DEPRECIATION - Rate Area 26-00	26:252 271110:RA26-00	271110-CIAC-NT Mains-Water - None	252/271-CAC/CIAC	1/1/2014 0:00	01/2006	0.00%	0.00%		0.00%
DEPRECIATION - Rate Area 26-00	26:252 271120:RA26-00	271120-CIAC-NT Ext Dep-Water - None	252/271-CAC/CIAC	1/1/2014 0:00	01/2006	0.00%	0.00%		0.00%
DEPRECIATION - Rate Area 26-00	26:252 271130:RA26-00	271130-CIAC-NT Fire Services-Water - None	252/271-CAC/CIAC	1/1/2014 0:00	01/2006	0.00%	0.00%		0.00%
DEPRECIATION - Rate Area 26-00	26:252 271140:RA26-00	271140-CIAC-NT Meters-Water - None	252/271-CAC/CIAC	1/1/2014 0:00	01/2006	0.00%	0.00%		0.00%
DEPRECIATION - Rate Area 26-00	26:252 271150:RA26-00	271150-CIAC-NT Hydrants-Water - None	252/271-CAC/CIAC	1/1/2014 0:00	01/2006	0.00%	0.00%		0.00%
DEPRECIATION - Rate Area 26-00	26:252 271160:RA26-00	271160-CIAC-NT Other-Water - None	252/271-CAC/CIAC	1/1/2014 0:00	01/2006	0.00%	0.00%		0.00%
DEPRECIATION - Rate Area 26-00	26:252 271210:RA26-00	271210-CIAC-Tax Mains-Water - None	252/271-CAC/CIAC	1/1/2014 0:00	01/2006	0.00%	0.00%		0.00%
DEPRECIATION - Rate Area 26-00	26:252 271230:RA26-00	271230-CIAC-Tax Services-Water - None	252/271-CAC/CIAC	1/1/2014 0:00	01/2006	0.00%	0.00%		0.00%
DEPRECIATION - Rate Area 26-00	26:252 271240:RA26-00	271240-CIAC-Tax Meters-Water - None	252/271-CAC/CIAC	1/1/2014 0:00	01/2006	0.00%	0.00%		0.00%
DEPRECIATION - Rate Area 26-00	26:252 271250:RA26-00	271250-CIAC-Tax Hydrants-Water - None	252/271-CAC/CIAC	1/1/2014 0:00	01/2006	0.00%	0.00%		0.00%
DEPRECIATION - Rate Area 26-00	26:252 271260:RA26-00	271260-CIAC-Tax Other-Water - None	252/271-CAC/CIAC	1/1/2014 0:00	01/2006	0.00%	0.00%		0.00%
DEPRECIATION - Rate Area 26-00	26:271110:RA26-00	271110-CIAC-NT Mains-Water - None	252/271-CAC/CIAC	1/1/2014 0:00	09/2012	1.08%	0.17%	271110	1.25%
DEPRECIATION - Rate Area 26-00	26:271120:RA26-00	271120-CIAC-NT Ext Dep-Water - None	252/271-CAC/CIAC	1/1/2014 0:00	09/2012	1.08%	0.17%	271120	1.25%
DEPRECIATION - Rate Area 26-00	26:271130:RA26-00	271130-CIAC-NT Fire Services-Water - None	252/271-CAC/CIAC	1/1/2014 0:00	10/2008	1.11%	0.00%	271130	1.11%
DEPRECIATION - Rate Area 26-00	26:271140:RA26-00	271140-CIAC-NT Meters-Water - None	252/271-CAC/CIAC	1/1/2014 0:00	09/2012	7.03%	0.20%	271140	7.23%
DEPRECIATION - Rate Area 26-00	26:271150:RA26-00	271150-CIAC-NT Hydrants-Water - None	252/271-CAC/CIAC	1/1/2014 0:00	09/2012	1.97%	0.33%	271150	2.30%
DEPRECIATION - Rate Area 26-00	26:271160:RA26-00	271160-CIAC-NT Other-Water - None	252/271-CAC/CIAC	1/1/2014 0:00	10/2008	1.25%	0.00%	271160	1.25%
DEPRECIATION - Rate Area 26-00	26:271210:RA26-00	271210-CIAC-Tax Mains-Water - None	252/271-CAC/CIAC	1/1/2014 0:00	09/2012	1.08%	0.17%	271210	1.25%
DEPRECIATION - Rate Area 26-00	26:271230:RA26-00	271230-CIAC-Tax Services-Water - None	252/271-CAC/CIAC	1/1/2014 0:00	10/2008	1.11%	0.00%	271230	1.11%
DEPRECIATION - Rate Area 26-00	26:271240:RA26-00	271240-CIAC-Tax Meters-Water - None	252/271-CAC/CIAC	1/1/2014 0:00	09/2012	7.03%	0.20%	271240	7.23%
DEPRECIATION - Rate Area 26-00	26:271250:RA26-00	271250-CIAC-Tax Hydrants-Water - None	252/271-CAC/CIAC	1/1/2014 0:00	09/2012	1.97%	0.33%	271250	2.30%
DEPRECIATION - Rate Area 26-00	26:271260:RA26-00	271260-CIAC-Tax Other-Water - None	252/271-CAC/CIAC	1/1/2014 0:00	10/2008	1.25%	0.00%	271260	1.25%
DEPRECIATION - Rate Area 26-00	26:304100:RA26-00	304100-Struct & Imp-Supply - None	304.2-Struct & Imp-SS & PP	1/1/2014 0:00	10/2008	1.72%	0.26%	304100	1.98%
DEPRECIATION - Rate Area 26-00	26:304200:RA26-00	304200-Struct & Imp-Pumping - None	304.2-Struct & Imp-SS & PP	1/1/2014 0:00	10/2008	1.72%	0.26%	304200	1.98%
DEPRECIATION - Rate Area 26-00	26:304300:RA26-00	304300-Struct & Imp-Treatment - 304300-Struct & Ir	304.3-Struct & Imp-WT	1/1/2014 0:00	10/2008	3.57%	0.54%	304300	4.11%
DEPRECIATION - Rate Area 26-00	26:304301:RA26-00	304300-Struct & Imp-Treatment - 304301-Struct & Ir	304.3-Struct & Imp-WT	1/1/2014 0:00	10/2008	12.06%	0.00%	304301	12.06%
DEPRECIATION - Rate Area 26-00	26:304310:RA26-00	304300-Struct & Imp-Treatment - 304310-Struct & Ir	304.3-Struct & Imp-WT	1/1/2014 0:00	03/2012	3.57%	0.54%	304310	4.11%
DEPRECIATION - Rate Area 26-00	26:304330:RA26-00	304300-Struct & Imp-Treatment - 304330-Struc & Ir	304.3-Struct & Imp-WT	1/1/2014 0:00	03/2012	3.57%	0.54%	304330	4.11%
DEPRECIATION - Rate Area 26-00	26:304400:RA26-00	304400-Struct & Imp-T&D - None	304.4-Struct & Imp-T&D	1/1/2014 0:00	10/2008	1.85%	0.28%	304400	2.13%
DEPRECIATION - Rate Area 26-00	26:304500:RA26-00	304500-Struct & Imp-General - None	304.5-Struct & Imp-GP	1/1/2014 0:00	10/2008	0.98%	0.15%	304500	1.13%
DEPRECIATION - Rate Area 26-00	26:304510:RA26-00	304510-Struct & Imp-Cap Lease - None	304.5-Struct & Imp-GP	1/1/2014 0:00	10/2008	0.00%	0.00%	304510	0.00%
DEPRECIATION - Rate Area 26-00	26:304600:RA26-00	304600-Struct & Imp-Offices - None	304.5-Struct & Imp-GP	1/1/2014 0:00	10/2008	0.98%	0.15%	304600	1.13%
DEPRECIATION - Rate Area 26-00	26:304700:RA26-00	304700-Struct & Imp-Store,Shop,Gar - None	304.5-Struct & Imp-GP	1/1/2014 0:00	10/2008	0.63%	0.10%	304700	0.73%
DEPRECIATION - Rate Area 26-00	26:304800:RA26-00	304800-Struct & Imp-Misc - None	304.5-Struct & Imp-GP	1/1/2014 0:00	10/2008	0.43%	0.06%	304800	0.49%
DEPRECIATION - Rate Area 26-00	26:306000:RA26-00	306000-Lake, River & Other Intakes - None	306.2-Lake, River & Oth Intakes	1/1/2014 0:00	10/2008	0.79%	0.04%	306000	0.83%
DEPRECIATION - Rate Area 26-00	26:309000:RA26-00	309000-Supply Mains - None	309.2-Supply Mains	1/1/2014 0:00	10/2008	1.87%	0.00%	309000	1.87%
DEPRECIATION - Rate Area 26-00	26:310000:RA26-00	310000-Power Generation Equip - None	310.2-Power Generation Equip	1/1/2014 0:00	10/2008	11.74%	0.59%	310000	12.33%
DEPRECIATION - Rate Area 26-00	26:311200:RA26-00	311200-Pump Eqp Electric - None	311.2-Pumping Equipment-SS & PP	1/1/2014 0:00	10/2008	2.23%	0.22%	311200	2.45%
DEPRECIATION - Rate Area 26-00	26:311300:RA26-00	311300-Pump Eqp Diesel - None	311.2-Pumping Equipment-SS & PP	1/1/2014 0:00	10/2008	2.27%	0.23%	311300	2.50%
DEPRECIATION - Rate Area 26-00	26:311500:RA26-00	311500-Pump Eqp Other - None	311.2-Pumping Equipment-SS & PP	1/1/2014 0:00	10/2008	1.66%	0.17%	311500	1.83%
DEPRECIATION - Rate Area 26-00	26:311520:RA26-00	311000-Pumping Equipment - 311520-Pump Eqp SO	311.2-Pumping Equipment-SS & PP	1/1/2014 0:00	09/2012	1.66%	0.17%	311520	1.83%
DEPRECIATION - Rate Area 26-00	26:320100:RA26-00	320100-WT Equip Non-Media - None	320.3-Water Treatment Equip	1/1/2014 0:00	10/2008	0.99%	0.10%	320100	1.09%
DEPRECIATION - Rate Area 26-00	26:320200:RA26-00	320200-WT Equip Filter Media - None	320.3-Water Treatment Equip	1/1/2014 0:00	12/2008	30.31%	3.38%	320200	33.69%
DEPRECIATION - Rate Area 26-00	26:330000:RA26-00	330000-Dist Reservoirs & Standpipes - None	330.4-Dist Res & Standpipes	1/1/2014 0:00	10/2008	1.73%	0.35%	330000	2.08%
DEPRECIATION - Rate Area 26-00	26:330003:RA26-00	330003-Tank Repainting - None	330.4-Dist Res & Standpipes	1/1/2014 0:00	10/2008	11.08%	0.00%	330003	11.08%
DEPRECIATION - Rate Area 26-00	26:330100:RA26-00	330100-Elevated Tanks & Standpipes - None	330.4-Dist Res & Standpipes	1/1/2014 0:00	10/2008	2.28%	0.46%	330100	2.74%
DEPRECIATION - Rate Area 26-00	26:330200:RA26-00	330200-Ground Level Tanks - None	330.4-Dist Res & Standpipes	1/1/2014 0:00	10/2008	2.28%	0.46%	330200	2.74%
DEPRECIATION - Rate Area 26-00	26:330300:RA26-00	330300-Below Ground Tanks - None	330.4-Dist Res & Standpipes	1/1/2014 0:00	04/2011	2.28%	0.46%	330300	2.74%
DEPRECIATION - Rate Area 26-00	26:330400:RA26-00	330400-Clearwell - None	330.4-Dist Res & Standpipes	1/1/2014 0:00	10/2008	1.38%	0.27%	330400	1.65%
DEPRECIATION - Rate Area 26-00	26:331001:RA26-00	331001-T&D Mains - 331001-TD Mains Not Classifie	331.4-T&D Mains	1/1/2014 0:00	10/2008	1.08%	0.17%	331001	1.25%
DEPRECIATION - Rate Area 26-00	26:331100:RA26-00	331001-T&D Mains - 331100-TD Mains 4in & Less	331.4-T&D Mains	1/1/2014 0:00	10/2008	1.08%	0.17%	331100	1.25%
DEPRECIATION - Rate Area 26-00	26:331200:RA26-00	331001-T&D Mains - 331200-TD Mains 6in to 8in	331.4-T&D Mains	1/1/2014 0:00	10/2008	1.08%	0.17%	331200	1.25%
DEPRECIATION - Rate Area 26-00	26:331210:RA26-00	331001-T&D Mains - 331210-TD Mains 6in to 10in-TI	331.4-T&D Mains	1/1/2014 0:00	10/2008	1.08%	0.17%	331210	1.25%

Tennessee American Water Company
Depreciation Rate Download
*rates from fixed asset system (subledger)

rate_type	depr_afudc_method	utility_sub_acct	naruc_acct	start_month	rate_eff_date	life_rate	cor_rate	utility account	Book Depr Rate
DEPRECIATION - Rate Area 26-00	26:331300:RA26-00	331001-T&D Mains - 331300-TD Mains 10in to 16in	331.4-T&D Mains	1/1/2014 0:00	10/2008	1.08%	0.17%	331300	1.25%
DEPRECIATION - Rate Area 26-00	26:331350:RA26-00	331001-T&D Mains - 331350-TD Mains 12in & Grtr-T	331.4-T&D Mains	1/1/2014 0:00	10/2008	1.08%	0.17%	331350	1.25%
DEPRECIATION - Rate Area 26-00	26:331400:RA26-00	331001-T&D Mains - 331400-TD Mains 18in & Grtr	331.4-T&D Mains	1/1/2014 0:00	10/2008	1.08%	0.17%	331400	1.25%
DEPRECIATION - Rate Area 26-00	26:333000:RA26-00	333000-Services - None	333.4-Services	1/1/2014 0:00	10/2008	1.11%	0.00%	333000	1.11%
DEPRECIATION - Rate Area 26-00	26:334100:RA26-00	334100-Meters - 334100-Meters	334.4-Meters & Meter Installs	1/1/2014 0:00	10/2008	7.26%	0.21%	334100	7.47%
DEPRECIATION - Rate Area 26-00	26:334110:RA26-00	334100-Meters - 334110-Meters Bronze Case	334.4-Meters & Meter Installs	1/1/2014 0:00	10/2008	7.03%	0.20%	334110	7.23%
DEPRECIATION - Rate Area 26-00	26:334120:RA26-00	334100-Meters - 334120-Meters Plastic Case	334.4-Meters & Meter Installs	1/1/2014 0:00	10/2008	7.03%	0.20%	334120	7.23%
DEPRECIATION - Rate Area 26-00	26:334130:RA26-00	334100-Meters - 334130-Meters Other	334.4-Meters & Meter Installs	1/1/2014 0:00	10/2008	7.03%	0.20%	334130	7.23%
DEPRECIATION - Rate Area 26-00	26:334131:RA26-00	334100-Meters - 334131-Meter Reading Units	334.4-Meters & Meter Installs	1/1/2014 0:00	10/2008	7.03%	0.20%	334131	7.23%
DEPRECIATION - Rate Area 26-00	26:334200:RA26-00	334200-Meter Installations - None	334.4-Meters & Meter Installs	1/1/2014 0:00	10/2008	2.65%	0.08%	334200	2.73%
DEPRECIATION - Rate Area 26-00	26:334300:RA26-00	334300-Meter Vaults - None	334.4-Meters & Meter Installs	1/1/2016 0:00	01/2016	2.65%	0.08%	334300	2.73%
DEPRECIATION - Rate Area 26-00	26:335000:RA26-00	335000-Hydrants - None	335.4-Hydrants	1/1/2014 0:00	10/2008	1.97%	0.33%	335000	2.30%
DEPRECIATION - Rate Area 26-00	26:339200:RA26-00	339200-Other P/E-Supply - None	339.2-Oth Plt & Misc Equip-SS/PP	1/1/2014 0:00	06/2009	4.68%	0.00%	339200	4.68%
DEPRECIATION - Rate Area 26-00	26:339600:RA26-00	339600-Other P/E-CPS - None	339.1-Oth Plt & Misc Equip-Int	1/1/2014 0:00	06/2009	10.00%	0.00%	339600	10.00%
DEPRECIATION - Rate Area 26-00	26:340100:RA26-00	340100-Office Furniture & Equip - None	340.5-Office Furniture & Equip	1/1/2014 0:00	10/2008	1.39%	0.00%	340100	1.39%
DEPRECIATION - Rate Area 26-00	26:340200:RA26-00	340200-Comp & Periph Equip - 340200-Comp & Peri	340.5-Office Furniture & Equip	1/1/2014 0:00	10/2008	2.19%	0.00%	340200	2.19%
DEPRECIATION - Rate Area 26-00	26:340210:RA26-00	340200-Comp & Periph Equip - 340210-Comp & Peri	340.5-Office Furniture & Equip	1/1/2014 0:00	10/2008	2.19%	0.00%	340210	2.19%
DEPRECIATION - Rate Area 26-00	26:340220:RA26-00	340200-Comp & Periph Equip - 340220-Comp & Peri	340.5-Office Furniture & Equip	1/1/2014 0:00	10/2008	2.19%	0.00%	340220	2.19%
DEPRECIATION - Rate Area 26-00	26:340230:RA26-00	340200-Comp & Periph Equip - 340230-Comp & Peri	340.5-Office Furniture & Equip	1/1/2014 0:00	10/2008	2.19%	0.00%	340230	2.19%
DEPRECIATION - Rate Area 26-00	26:340240:RA26-00	340200-Comp & Periph Equip - 340240-Comp & Peri	340.5-Office Furniture & Equip	1/1/2014 0:00	03/2010	2.19%	0.00%	340240	2.19%
DEPRECIATION - Rate Area 26-00	26:340300:RA26-00	340300-Computer Software - 340300-Computer Soft	340.5-Office Furniture & Equip	1/1/2014 0:00	10/2008	1.83%	0.00%	340300	1.83%
DEPRECIATION - Rate Area 26-00	26:340310:RA26-00	340300-Computer Software - 340310-Comp Softwar	340.5-Office Furniture & Equip	1/1/2014 0:00	10/2008	1.83%	0.00%	340310	1.83%
DEPRECIATION - Rate Area 26-00	26:340315:RA26-00	340300-Computer Software - 340315-Comp Softwar	340.5-Office Furniture & Equip	1/1/2014 0:00	11/2012	10.00%	0.00%	340315	10.00%
DEPRECIATION - Rate Area 26-00	26:340320:RA26-00	340300-Computer Software - 340320-Comp Softwar	340.5-Office Furniture & Equip	1/1/2014 0:00	10/2008	1.83%	0.00%	340320	1.83%
DEPRECIATION - Rate Area 26-00	26:340330:RA26-00	340300-Computer Software - 340330-Comp Softwar	340.5-Office Furniture & Equip	1/1/2014 0:00	10/2008	1.83%	0.00%	340330	1.83%
DEPRECIATION - Rate Area 26-00	26:340400:RA26-00	340400-Data Handling Equipment - None	340.5-Office Furniture & Equip	1/1/2014 0:00	10/2008	4.94%	0.00%	340400	4.94%
DEPRECIATION - Rate Area 26-00	26:340500:RA26-00	340500-Other Office Equipment - None	340.5-Office Furniture & Equip	1/1/2014 0:00	10/2008	1.39%	0.00%	340500	1.39%
DEPRECIATION - Rate Area 26-00	26:341100:RA26-00	341100-Trans Equip Lt Duty Trks - None	341.5-Transportation Equip	1/1/2014 0:00	10/2008	18.82%	-2.82%	341100	16.00%
DEPRECIATION - Rate Area 26-00	26:341200:RA26-00	341200-Trans Equip Hvy Duty Trks - None	341.5-Transportation Equip	1/1/2014 0:00	10/2008	19.55%	-2.93%	341200	16.62%
DEPRECIATION - Rate Area 26-00	26:341300:RA26-00	341300-Trans Equip Autos - None	341.5-Transportation Equip	1/1/2014 0:00	10/2008	13.39%	-2.01%	341300	11.38%
DEPRECIATION - Rate Area 26-00	26:341400:RA26-00	341400-Trans Equip Other - None	341.5-Transportation Equip	1/1/2014 0:00	10/2008	8.52%	-1.28%	341400	7.24%
DEPRECIATION - Rate Area 26-00	26:342000:RA26-00	342000-Stores Equipment - None	342.5-Stores Equipment	1/1/2014 0:00	05/2009	4.00%	0.00%	342000	4.00%
DEPRECIATION - Rate Area 26-00	26:343000:RA26-00	343000-Tools,Shop,Garage Equip - None	343.5-Tools, Shop & Garage Equip	1/1/2014 0:00	10/2008	6.89%	0.00%	343000	6.89%
DEPRECIATION - Rate Area 26-00	26:344000:RA26-00	344000-Laboratory Equipment - None	344.5-Laboratory Equipment	1/1/2014 0:00	10/2008	1.01%	0.00%	344000	1.01%
DEPRECIATION - Rate Area 26-00	26:345000:RA26-00	345000-Power Operated Equipment - None	345.5-Power Operated Equip	1/1/2014 0:00	09/2009	7.03%	0.00%	345000	7.03%
DEPRECIATION - Rate Area 26-00	26:346100:RA26-00	346100-Comm Equip Non-Telephone - None	346.5-Communication Equip	1/1/2014 0:00	10/2008	4.21%	0.00%	346100	4.21%
DEPRECIATION - Rate Area 26-00	26:346190:RA26-00	346190-Remote Control & Instrument - None	346.5-Communication Equip	1/1/2014 0:00	10/2008	4.21%	0.00%	346190	4.21%
DEPRECIATION - Rate Area 26-00	26:346200:RA26-00	346200-Comm Equip Telephone - None	346.5-Communication Equip	1/1/2014 0:00	10/2008	3.51%	0.00%	346200	3.51%
DEPRECIATION - Rate Area 26-00	26:347000:RA26-00	347000-Misc Equipment - None	347.5-Misc Equip	1/1/2014 0:00	10/2008	6.33%	0.00%	347000	6.33%
DEPRECIATION - Rate Area 26-00	26:348000:RA26-00	348000-Other Tangible Property - None	348.5-Other Tangible Plant	1/1/2014 0:00	10/2008	5.10%	0.00%	348000	5.10%
DEPRECIATION - Rate Area 26-00	26:Non Depreciable-Tennessee-AM	303500-Land & Land Rights-T&D - 303502-Rights of	303.4-Land & LR-T&D	1/1/2014 0:00	01/2008	0.00%	0.00%	303500	0.00%
DEPRECIATION - Rate Area 26-00	26:Non Depreciable-Tennessee-AM	303500-Land & Land Rights-T&D - 303500-Land & Ld	303.4-Land & LR-T&D	1/1/2014 0:00	01/2008	0.00%	0.00%	303500	0.00%
DEPRECIATION - Rate Area 26-00	26:Non Depreciable-Tennessee-AM	303600-Land & Land Rights-General - None	303.5-Land & LR-GP	1/1/2014 0:00	01/2008	0.00%	0.00%	303600	0.00%
DEPRECIATION - Rate Area 26-00	26:Non Depreciable-Tennessee-AM	303300-Land & Land Rights-Pumping - None	303.2-Land & LR-SS & PP	1/1/2014 0:00	01/2008	0.00%	0.00%	303300	0.00%
DEPRECIATION - Rate Area 26-00	26:Non Depreciable-Tennessee-AM	303400-Land & Land Rights-Treatment - None	303.3-Land & LR-WT	1/1/2014 0:00	01/2008	0.00%	0.00%	303400	0.00%
DEPRECIATION - Rate Area 26-00	26:Non Depreciable-Tennessee-AM	303500-Land & Land Rights-T&D - 303501-Land-TD	303.4-Land & LR-T&D	1/1/2014 0:00	01/2008	0.00%	0.00%	303500	0.00%
DEPRECIATION - Rate Area 26-00	26:Non Depreciable-Tennessee-AM0	301000-Organization - None	301.1-Organization	1/1/2014 0:00	01/2008	0.00%	0.00%	301000	0.00%
DEPRECIATION - Rate Area 26-02	26:339200:RA26-02	339200-Other P/E-Supply - None	339.2-Oth Plt & Misc Equip-SS/PP	1/1/2014 0:00	03/2012	4.68%	0.00%	339200	4.68%
DEPRECIATION - Rate Area 26-02	26:339600:RA26-02	339600-Other P/E-CPS - None	339.1-Oth Plt & Misc Equip-Int	1/1/2014 0:00	03/2012	10.00%	0.00%	339600	10.00%
DEPRECIATION - Rate Area 26-02	26:342000:RA26-02	342000-Stores Equipment - None	342.5-Stores Equipment	1/1/2014 0:00	03/2012	4.00%	0.00%	342000	4.00%
DEPRECIATION - Rate Area 26-02	26:345000:RA26-02	345000-Power Operated Equipment - None	345.5-Power Operated Equip	1/1/2014 0:00	03/2012	7.03%	0.00%	345000	7.03%
								Other	2.82%

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**Tennessee American Water
Capital Riders
Calculation of Total Revenue Requirement Check**

Line Number	Description	WKP 2018		Check
		Capital Riders Company Totals	In-Serviced SCEP Company Totals	
1	Additions Subject to SEC / EDI and QIIP:	\$ 59,038,295	\$ 59,038,295	\$ -
2	Plus: Cost of Removal less Salvage	8,720,933	8,720,933	-
3	Less: Contributions in Aid to Construction (CIAC)	497,284.38	497,284.38	-
4	Less: Deferred Income Taxes	910,371	910,371	-
5	Less: Accumulated Depreciation	2,963,022	2,963,022	-
6	Net Investment Supplied SEC Additions:	\$ 63,388,551	\$ 63,388,551	\$ -
7				
8	Pre-Tax Rate of Return:	9.45%	9.45%	
9	Pre-Tax Return on Additions:	\$ 5,992,993	\$ 5,992,993	\$ -
10				
11	Depreciation Expense on SEC / EDI / QIIP Additions:	1,378,799	1,378,799	-
12				
13	Operational Expenses Related to Riders	-	-	-
14				
15	Property and Franchise Taxes Associated with SEC / EDI / QIIP:	748,019	748,019	-
16				
17	Total Revenues:	\$ 8,119,811	\$ 8,119,811	-
18				
19	Revenue Taxes	3.19%	3.19%	
20	Total Revenues with Revenue Taxes	\$ 8,387,455	\$ 8,387,455	\$ -
21				
22	APP Revenue Reduction	(20,425)	(20,425)	-
23				
24	SEC Revenues with Revenue Taxes & APP Reduction	\$ 8,367,029	\$ 8,367,029	\$ -
25				

Tennessee American Water Company
Qualified Infrastructure Improvement Program (QIIP)
Economic Development Investment Rider (EDI)
Safety and Environmental Compliance Rider (SEC)
Cumulative Plant Additions Reconciliation

Cumulative Balances For 2018									
Line No.	Rate Mechanism	Project ID	Project Description	2014 Actual Total Capital Expenditures	2015 Actual Total Capital Expenditures	2016 Actual Total Capital Expenditures	2017 SCEP Total Capital Expenditures	2018 SCEP Total Capital Expenditures	Total Additions Capital Expenditures
1	QIIP	B	Mains - Replaced / Restored	\$854,442	\$1,139,159	\$739,483	\$2,620,255	\$1,725,000	\$7,078,339
2		C	Mains - Unscheduled	979,105	901,601	2,283,095	1,009,000	1,029,000	6,201,800
3		D	Mains - Relocated	69,470	1,354,295	134,725	100,000	110,000	1,768,490
4		F	Hydrants, Valves, and Manholes - Replaced	240,583	291,442	115,377	374,100	422,000	1,443,501
5		H	Services and Laterals - Replaced	442,503	428,990	412,814	398,500	630,250	2,313,056
6		J	Meters - Replaced	661,479	1,110,106	886,761	1,687,825	2,255,940	6,602,112
7		R	Capitalized Tank Rehabilitation/Painting	2,360,061	563,571	(908,459)	1,110,125	1,000,000	4,125,298
8		I26-020028	Citico Plant Improvements Phase 1B (\$8.6)	0	0	8,387,200	0	0	8,387,200
9		I26-020034	Tennessee River Crossing (\$2.5)	0	0	0	0	2,414,209	2,414,209
10		I26-020045	Remove Filter Bldg 3	0	0	0	67,480	0	67,480
11									
12									
13			QIIP Total	5,607,642	5,789,163	12,050,995	7,367,285	9,586,399	40,401,484
14									
15	EDI	A	Mains - New	0	470,769	175,447	310,000	963,000	1,919,216
16		E	Hydrants, Valves, and Manholes - New	62,504	75,734	50,970	74,400	133,000	396,608
17									
18									
19			EDI Total	62,504	546,502	226,417	384,400	1,096,000	2,315,824
20									
21	SEC	L	SCADA Equipment and Systems	487,736	258,474	180,161	175,000	160,000	1,261,370
22		M	Security Equipment and Systems	6,193	131,615	103,084	140,000	150,000	530,892
23		Q	Process Plant Facilities and Equipment	659,218	2,595,889	990,220	520,000	890,000	5,655,327
24		I26-020032	Wastewater Treatm't & Handling Impr (\$15.3)	0	15,043,463	522,140	0	0	15,565,603
25		I26-050002	Facility Upgrades at Whitwell WTP (\$0.3)	0	0	0	169,659	101,836	271,495
26		I26-050004	Replace 0.1 MG Storage Tank at Whitwell (\$0.3)	0	0	0	162,534	88,569	251,103
27									
28									
29			SEC Total	1,153,147	18,029,441	1,795,604	1,167,193	1,390,405	23,535,790
30									
31			Grand Total	\$6,823,293	\$24,365,106	\$14,073,016	\$8,918,878	\$12,072,804	\$66,253,098

32

33

34

35

36

From In-Service & SCEP Tabs	<u>\$6,823,293</u>	<u>\$24,365,106</u>	<u>\$14,073,016</u>	<u>\$8,918,878</u>	<u>\$12,072,804</u>
Variance	\$0	\$0	\$0	\$0	\$0

Total 2018 In-Serviced Balance at Year-End	Total 2018 Average Plant Balance for Filing
\$6,970,733	\$6,034,964
6,206,397	5,737,858
1,768,490	1,711,951
1,443,501	1,224,963
2,313,056	2,000,633
6,602,112	5,463,129
4,125,298	3,601,836
8,387,200	8,387,200
2,414,209	185,708
67,480	51,908
40,298,475	34,400,150
1,919,216	1,416,600
396,608	330,646
2,315,824	1,747,247
1,261,370	1,182,639
530,892	453,008
5,655,327	5,207,250
15,565,603	15,565,603
271,495	250,611
251,103	231,787
23,535,790	22,890,898
<u>\$66,150,089</u>	<u>\$59,038,295</u>

<u>\$66,150,089</u>	<u>\$59,038,295</u>
\$0	\$0

**Tennessee American Water Company
Qualified Infrastructure Improvement Program (QIIP)
Economic Development Investment Rider (EDI)
Safety and Environmental Compliance Rider (SEC)
Cost of Removal Reconciliation**

Cumulative Cost of Removal Activity For 2018

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Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date July 5, 2017
Description TN BP 2018-2022 SCEP

Line #	Business Unit No.	Project Title	Account	Account Description	Portion to Account	In-Service (Months) (2)	Dep Rate	Prior Year Period 11 Spend	Prior Year Period 12 Spend	2017 SCEP Reforecast	Prior 2017 SCEP In-Serviced
1		RECURRING PROJECTS									
2	TN	DV	331001	Transmission & Distribution Mains	0.0%	1	1.25%	120,000	100,000		\$ -
3	TN	DV	333000	Services	0.0%	1	1.11%	120,000	100,000		-
4	TN	DV	335000	Hydrants	0.0%	1	2.30%	120,000	100,000		-
5											
6	TN	A	331001	Transmission & Distribution Mains	92.5%	1	1.25%	-	-		884,264
7	TN	A	333000	Services	0.9%	1	1.11%				8,513
8	TN	A	334300	Meter Vaults	2.8%	1	2.73%				26,895
9	TN	A	335000	Hydrants	3.8%	1	2.30%				36,543
10											
11	TN	B	331001	Transmission & Distribution Mains	92.3%	1	1.25%	110,867	105,975		4,841,291
12	TN	B	333000	Services	6.5%	1	1.11%	110,867	105,975		341,438
13	TN	B	335000	Hydrants	1.2%	1	2.30%	110,867	105,975		63,004
14											
15	TN	C	331001	Transmission & Distribution Mains	99.9%	1	1.25%	84,968	110,621		5,171,202
16	TN	C	335000	Hydrants	0.1%	1	2.30%				6,195
17											
18	TN	D	331001	Transmission & Distribution Mains	99.2%	1	1.25%	-	-		1,644,642
19	TN	D	333000	Services	0.1%	1	1.11%	-	-		1,425
20	TN	D	335000	Hydrants	0.8%	1	2.30%	-	-		12,423
21											
22	TN	E	331001	Transmission & Distribution Mains	78.0%	1	1.25%				205,518
23	TN	E	335000	Hydrants	22.0%	1	2.30%				58,090
24											
25	TN	F	331001	Transmission & Distribution Mains	21.8%	1	1.25%				222,157
26	TN	F	335000	Hydrants	78.3%	1	2.30%				799,345
27											
28	TN	G	333000	Services	0.0%	1	1.11%				-
29											
30	TN	H	333000	Services	99.6%	1	1.11%				1,676,281
31	TN	H	334100	Meters	0.4%	1	7.47%				6,525
32											
33	TN	I	334100	Meters	0.0%	1	7.47%				-
34	TN	I	334200	Meter Installations	0.0%	1	2.73%				-
35											
36	TN	J	334100	Meters	11.1%	1	7.47%				482,906
37	TN	J	334200	Meter Installations	88.9%	1	2.73%				3,863,265
38											
39	TN	K	340200	Computer & Peripheral Equipment	0.0%	1	2.19%				-
40											
41	TN	L	320100	WT Equip Non-Media	29.0%	1	1.09%				319,034
42	TN	L	340200	Computer & Peripheral Equipment	5.3%	1	2.19%				58,659
43	TN	L	346100	Comm Equip Non-Telephone	4.4%	1	4.21%				48,889
44	TN	L	346190	Remote Control & Instrument	61.3%	1	4.21%				674,788
45											
46	TN	M	304300	Structures & Improvement - Treatment	79.3%	1	4.11%				301,859
47	TN	M	304400	Struct & Imp-Treatment-T&D	18.2%	1	2.13%				69,243
48	TN	M	304500	Structures & Improvement - General	2.6%	1	1.13%				9,791
49											
50	TN	N	304500	Structures & Improvement - General	0.0%	1	1.13%				-

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date July 5, 2017
Description TN BP 2018-2022 SCEP

Line #	Business Unit No.		Project Title	Account	Account Description	Portion to Account	In-Service (Months) (2)	Dep Rate	Prior Year Period 11 Spend	Prior Year Period 12 Spend	2017 SCEP Reforecast	Prior 2017 SCEP In-Serviced
51												
52	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks	0.0%	1	16.00%				-
53	TN	O		341200	Transportation Equip Hvy Duty Trucks	0.0%	1	16.62%				-
54	TN	O		341300	Transportation Equip Autos	0.0%	1	11.38%				-
55												
56	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment	0.0%	1	6.89%				-
57												
58	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	5.6%	1	1.98%				267,719
59	TN	Q		304200	Struct & Imp-Pumping	8.8%	1	1.98%				421,182
60	TN	Q		304300	Struct & Imp-Treatment	0.5%	1	4.11%				24,126
61	TN	Q		304400	Struct & Imp-Treatment-T&D	0.6%	1	2.13%				28,799
62	TN	Q		304500	Structures & Improvement - General	0.7%	1	1.13%				31,093
63	TN	Q		304700	Struct & Imp-Store,Shop,Garage	0.0%	1	0.73%				-
64	TN	Q		306000	Lake, River & Other Intakes	0.6%	1	0.83%				27,211
65	TN	Q		309000	Supply Mains	0.2%	1	1.87%				11,058
66	TN	Q		310000	Power Generation Equip	0.6%	1	12.33%				28,134
67	TN	Q		311200	Pump Eqp Electric	0.5%	1	2.45%				23,662
68	TN	Q		311520	Pumping Equipment SOS	20.1%	1	1.83%				956,994
69	TN	Q		320100	WT Equip Non-Media	44.1%	1	1.09%				2,099,468
70	TN	Q		320200	Water Trmt Equip Filter Media	16.4%	1	33.69%				781,336
71	TN	Q		330000	Dist Reservoirs & Standpipes	0.0%	1	2.08%				-
72	TN	Q		331001	Transmission & Distribution Mains	0.0%	1	1.25%				-
73	TN	Q		334100	Meters	0.0%	1	7.47%				-
74	TN	Q		340200	Computer & Peripheral Equipment	0.0%	1	2.19%				-
75	TN	Q		343000	Tools, Shop, Garage Equipment	0.1%	1	6.89%				3,710
76	TN	Q		344000	Laboratory Equipment	0.0%	1	1.01%				1,608
77	TN	Q		345000	Power Operated Equipment	1.0%	1	7.03%				46,581
78	TN	Q		346190	Remote Control & Instrument	0.1%	1	4.21%				3,918
79	TN	Q		347000	Misc Equipment	0.2%	1	6.33%				8,729
80												
81	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	0.0%	1	4.11%				-
82	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	62.1%	1	12.06%				1,939,632
83	TN	R		320100	WT Equip Non-Media	12.9%	1	1.09%				403,138
84	TN	R		320200	Water Trmt Equip Filter Media	2.6%	1	33.69%				81,825
85	TN	R		330000	Dist Reservoirs & Standpipes	1.1%	1	2.08%				35,701
86	TN	R		330003	Tank Repainting	16.8%	1	11.08%				524,446
87	TN	R		330100	Elevated Tanks & Standpipes	4.5%	1	2.74%				140,555
88	TN	R		330200	Ground Level Tanks	0.0%	1	2.74%				-
89												
90	TN	S	Engineering Studies	331001	Transmission & Distribution Mains	0.0%	1	1.25%				-
91			Total Recurring Projects									
92												
93			ACQUISITIONS									
94												
95			Total Acquisitions									
96												
97			CENTRALLY SPONSORED PROJECTS									
98	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		1	10.00%				-
99	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		1	10.00%				-
100			Total Centrally Sponsored Projects									

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date July 5, 2017
Description TN BP 2018-2022 SCEP

Line #	Business Unit No.	Project Title	Account	Account Description	Portion to Account	In-Service (Months) (2)	Dep Rate	Prior Year Period 11 Spend	Prior Year Period 12 Spend	2017 SCEP Reforecast	Prior 2017 SCEP In-Serviced
101											
102		INVESTMENT PROJECTS							Inception to Date Spend	2017 SCEP Reforecast	
103	TN	I26-020017		Electrical Motor Efficiency Enhancement (\$2.9)		12/31/2022					-
104	TN	I26-020027		Construct 1.0MG Tank & 2500-16" ER (\$1.0)		6/1/2016	4.11%				-
105	TN	I26-020028	304300	Citico Plant Improvements Phase 1B (\$8.6)		6/1/2016	1.09%				6,290,400
106	TN	I26-020028	320100	WT Equip Non-Media		11/1/2015	1.98%				2,096,800
107	TN	I26-020032	304200	Wastewater Treatm't & Handling Impr (\$15.3)		11/1/2015	4.11%				14,597
108	TN	I26-020032	304300	Struct & Imp-Treatment		11/1/2015	2.13%				394,579
109	TN	I26-020032	304400	Struct & Imp-T&D		11/1/2015	1.13%				-
110	TN	I26-020032	304500	Structures & Improvement - General		11/1/2015	1.09%				9,103,923
111	TN	I26-020032	320100	WT Equip Non-Media		11/1/2015	2.74%				5,988,538
112	TN	I26-020032	330200	Ground Level Tanks		11/1/2015	6.33%				45,429
113	TN	I26-020032	347000	Misc Equipment		11/1/2015	1.25%				18,537
114	TN	I26-020034	331001	Tennessee River Crossing (\$2.5)		12/31/2018	4.11%				-
115	TN	I26-020038	304300	Retire Basin 1		12/31/2020					-
116	TN	I26-020039		Repl Basin 2 & Plate Settlers		12/31/2019					-
117	TN	I26-020040		Chlorine Gas Conversion		4/1/2020					-
118	TN	I26-020041		Electrical - Breakers and Relays (\$0.6)			2.45%				-
119	TN	I26-020042	311200	Pumping Auxiliary Power (\$1.4)							-
120	TN	I26-020043		Energy Reduction and Efficiency (\$0.87)		12/31/2020					-
121	TN	I26-020044		New Raw Water Intake Citico (\$13)		6/30/2022					-
122	TN	I26-020045	304300	Remove Filter Bldg 3		3/1/2018	4.11%				-
123	TN	I26-020046		New Field Services Facility (\$4.5)		12/31/2020					-
124	TN	I26-050001		Raw Water Intake Improvements Whitwell (\$2)		12/31/2021					-
125	TN	I26-050002	320100	Facility Upgrades at Whitwell WTP (\$0.3)		12/31/2017	1.09%			101,836	-
126	TN	I26-050003		Replace 0.5 MG Storage Tanks at Whitwell (\$.5)		12/31/2021					-
127	TN	I26-050004	330200	Replace 0.1 MG Storage Tank at Whitwell (\$0.3)		12/31/2017	2.74%			88,569	-
128	TN	I26-020002		Post Acquisition BD Capex							-
129	TN	I26-000001	331001	Whitwell Acquisition Capital Investment		12/31/2014	1.25%				-
130	TN	I26-000001	320200	Water Trmt Equip Filter Media		12/31/2014	33.69%				-
131	TN	I26-000001	311520	Pumping Equipment SOS		12/31/2014	1.83%				-
132	TN	I26-000001	340200	Computer & Peripheral Equipment		12/31/2014	2.19%				-
133											
134		(1) Amounts not reflected in actuals through 2016 or		Total DV Included:						\$	53,677,612
135		projections based on project costs through 2018.									
136				Total DV Excluded:						\$	53,677,612
137		(2) From actual or estimated in-service data provided by the company.									
138				Total Surcharge Amt:						\$	53,677,612
139		(3) Tax depreciation rates utilized by the company.									
140				SEC Total:						\$	21,813,192
141											
142				EDI Total:						\$	1,219,824
143											
144				QIIP Total:						\$	30,644,596
145											

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit Tennessee
Revision Date July 5, 2017
Description TN BP 2018-2022 SCEP

Line #	Business Unit No.		Project Title	Account	Account Description	Cumulative Balance of In-Serviced Plant, from 2018 Capex, by Period					
						1	2	3	4	5	6
1			RECURRING PROJECTS								
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3	TN	DV		333000	Services	-	-	-	-	-	-
4	TN	DV		335000	Hydrants	-	-	-	-	-	-
5											
6	TN	A	Mains - New	331001	Transmission & Distribution Mains	921,256	983,680	1,053,503	1,132,573	1,213,956	1,299,962
7	TN	A		333000	Services	8,869	9,470	10,142	10,903	11,686	12,514
8	TN	A		334300	Meter Vaults	28,019	29,915	32,037	34,440	36,912	39,526
9	TN	A		335000	Hydrants	38,071	40,650	43,534	46,800	50,162	53,714
10											
11	TN	B	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	4,887,436	4,979,726	5,099,703	5,224,295	5,371,959	5,528,852
12	TN	B		333000	Services	344,693	351,203	359,666	368,455	378,871	389,938
13	TN	B		335000	Hydrants	63,604	64,804	66,364	67,984	69,904	71,944
14											
15	TN	C	Mains - Unscheduled	331001	Transmission & Distribution Mains	5,271,581	5,381,949	5,487,821	5,593,694	5,697,070	5,797,449
16	TN	C		335000	Hydrants	6,316	6,448	6,575	6,703	6,827	6,947
17											
18	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains	1,644,642	1,649,600	1,654,558	1,664,474	1,679,348	1,694,222
19	TN	D		333000	Services	1,425	1,429	1,434	1,443	1,456	1,470
20	TN	D		335000	Hydrants	12,423	12,460	12,498	12,573	12,685	12,798
21											
22	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	209,416	215,652	223,838	232,804	242,938	256,971
23	TN	E		335000	Hydrants	59,192	60,956	63,270	65,804	68,670	72,637
24											
25	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	226,398	231,074	236,186	242,819	252,607	263,482
26	TN	F		335000	Hydrants	814,603	831,427	849,816	873,682	908,895	948,020
27											
28	TN	G	Services and Laterals - New	333000	Services	-	-	-	-	-	-
29											
30	TN	H	Services and Laterals - Replaced	333000	Services	1,696,701	1,731,565	1,776,588	1,833,565	1,918,433	2,003,400
31	TN	H		334100	Meters	6,605	6,742	6,918	7,141	7,473	7,806
32											
33	TN	I	Meters - New	334100	Meters	-	-	-	-	-	-
34	TN	I		334200	Meter Installations	-	-	-	-	-	-
35											
36	TN	J	Meters - Replaced	334100	Meters	488,461	499,571	516,348	538,734	572,231	605,827
37	TN	J		334200	Meter Installations	3,907,710	3,996,600	4,130,824	4,309,938	4,577,941	4,846,740
38											
39	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment	-	-	-	-	-	-
40											
41	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media	320,483	322,511	325,118	329,464	335,982	343,369
42	TN	L		340200	Computer & Peripheral Equipment	58,925	59,299	59,778	60,578	61,777	63,136
43	TN	L		346100	Comm Equip Non-Telephone	49,111	49,422	49,821	50,487	51,486	52,619
44	TN	L		346190	Remote Control & Instrument	677,851	682,139	687,652	696,841	710,625	726,246
45											
46	TN	M	Security Equipment and Systems	304300	Structures & Improvement - Treatment	303,840	307,802	315,727	323,652	335,540	355,352
47	TN	M		304400	Struct & Imp-Treatment-T&D	69,697	70,606	72,424	74,242	76,969	81,514
48	TN	M		304500	Structures & Improvement - General	9,855	9,984	10,241	10,498	10,883	11,526
49											
50	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General	-	-	-	-	-	-

Tennessee American Water Company
 Qualified Infrastructure Improvement Program
 Economic Development Rider
 Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
 PROGRAM**

Business Unit Tennessee
Revision Date July 5, 2017
Description TN BP 2018-2022 SCEP

						Cumulative Balance of In-Serviced Plant, from 2018 Capex, by Period					
Line #	Business Unit No.		Project Title	Account	Account Description	1	2	3	4	5	6
51											
52	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks	-	-	-	-	-	-
53	TN	O		341200	Transportation Equip Hvy Duty Trucks	-	-	-	-	-	-
54	TN	O		341300	Transportation Equip Autos	-	-	-	-	-	-
55											
56	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment	-	-	-	-	-	-
57											
58	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	269,264	273,760	278,256	282,752	287,389	292,306
59	TN	Q		304200	Struct & Imp-Pumping	423,613	430,685	437,757	444,829	452,122	459,857
60	TN	Q		304300	Struct & Imp-Treatment	24,266	24,674	25,082	25,490	25,911	26,357
61	TN	Q		304400	Struct & Imp-Treatment-T&D	28,964	29,444	29,924	30,404	30,899	31,424
62	TN	Q		304500	Structures & Improvement - General	31,271	31,791	32,311	32,831	33,368	33,936
63	TN	Q		304700	Struct & Imp-Store,Shop,Garage	-	-	-	-	-	-
64	TN	Q		306000	Lake, River & Other Intakes	27,367	27,823	28,279	28,735	29,206	29,704
65	TN	Q		309000	Supply Mains	11,121	11,305	11,489	11,673	11,863	12,064
66	TN	Q		310000	Power Generation Equip	28,296	28,768	29,240	29,712	30,199	30,715
67	TN	Q		311200	Pump Eqp Electric	23,799	24,199	24,599	24,999	25,412	25,849
68	TN	Q		311520	Pumping Equipment SOS	962,516	978,580	994,644	1,010,708	1,027,274	1,044,844
69	TN	Q		320100	WT Equip Non-Media	2,111,585	2,146,833	2,182,081	2,217,329	2,253,678	2,292,231
70	TN	Q		320200	Water Trmt Equip Filter Media	785,846	798,966	812,086	825,206	838,736	853,086
71	TN	Q		330000	Dist Reservoirs & Standpipes	-	-	-	-	-	-
72	TN	Q		331001	Transmission & Distribution Mains	-	-	-	-	-	-
73	TN	Q		334100	Meters	-	-	-	-	-	-
74	TN	Q		340200	Computer & Peripheral Equipment	-	-	-	-	-	-
75	TN	Q		343000	Tools, Shop, Garage Equipment	3,732	3,796	3,860	3,924	3,990	4,060
76	TN	Q		344000	Laboratory Equipment	1,616	1,640	1,664	1,688	1,713	1,739
77	TN	Q		345000	Power Operated Equipment	46,851	47,635	48,419	49,203	50,011	50,869
78	TN	Q		346190	Remote Control & Instrument	3,940	4,004	4,068	4,132	4,198	4,268
79	TN	Q		347000	Misc Equipment	8,779	8,923	9,067	9,211	9,359	9,517
80											
81	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	-	-	-	-	-	-
82	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	1,970,662	2,001,692	2,032,722	2,079,267	2,125,812	2,187,872
83	TN	R		320100	WT Equip Non-Media	409,588	416,038	422,488	432,163	441,838	454,738
84	TN	R		320200	Water Trmt Equip Filter Media	83,135	84,445	85,755	87,220	89,685	92,305
85	TN	R		330000	Dist Reservoirs & Standpipes	36,271	36,841	37,411	38,266	39,121	40,261
86	TN	R		330003	Tank Repainting	532,836	541,226	549,616	562,201	574,786	591,566
87	TN	R		330100	Elevated Tanks & Standpipes	142,805	145,055	147,305	150,680	154,055	158,555
88	TN	R		330200	Ground Level Tanks	-	-	-	-	-	-
89											
90	TN	S	Engineering Studies	331001	Transmission & Distribution Mains	-	-	-	-	-	-
91			Total Recurring Projects								
92											
93			ACQUISITIONS								
94											
95			Total Acquisitions								
96											
97			CENTRALLY SPONSORED PROJECTS								
98	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	-	-	-	-	-	-
99	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	-	-	-	-	-	-
100			Total Centrally Sponsored Projects								

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**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit Tennessee
Revision Date July 5, 2017
Description TN BP 2018-2022 SCEP

						Cumulative Balance of In-Serviced Plant, from 2018 Capex, by Period				
Line #	Business Unit No.	Project Title	Account	Account Description	1	2	3	4	5	6
101										
102		INVESTMENT PROJECTS								
103	TN	I26-020017 Electrical Motor Efficiency Enhancement (\$2.9)			-	-	-	-	-	-
104	TN	I26-020027 Construct 1.0MG Tank & 2500-16" ER (\$1.0)			-	-	-	-	-	-
105	TN	I26-020028 Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment	6,290,400	6,290,400	6,290,400	6,290,400	6,290,400	6,290,400
106	TN	I26-020028	320100	WT Equip Non-Media	2,096,800	2,096,800	2,096,800	2,096,800	2,096,800	2,096,800
107	TN	I26-020032 Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping	14,597	14,597	14,597	14,597	14,597	14,597
108	TN	I26-020032	304300	Struct & Imp-Treatment	394,579	394,579	394,579	394,579	394,579	394,579
109	TN	I26-020032	304400	Struct & Imp-T&D	-	-	-	-	-	-
110	TN	I26-020032	304500	Structures & Improvement - General	9,103,923	9,103,923	9,103,923	9,103,923	9,103,923	9,103,923
111	TN	I26-020032	320100	WT Equip Non-Media	5,988,538	5,988,538	5,988,538	5,988,538	5,988,538	5,988,538
112	TN	I26-020032	330200	Ground Level Tanks	45,429	45,429	45,429	45,429	45,429	45,429
113	TN	I26-020032	347000	Misc Equipment	18,537	18,537	18,537	18,537	18,537	18,537
114	TN	I26-020034 Tennessee River Crossing (\$2.5)	331001	Transmission & Distribution Mains	-	-	-	-	-	-
115	TN	I26-020038 Retire Basin 1	304300	Struct & Imp-WT	-	-	-	-	-	-
116	TN	I26-020039 Repl Basin 2 & Plate Settlers			-	-	-	-	-	-
117	TN	I26-020040 Chlorine Gas Conversion			-	-	-	-	-	-
118	TN	I26-020041 Electrical - Breakers and Relays (\$0.6)	311200	Pump Eqp Electric	-	-	-	-	-	-
119	TN	I26-020042 Pumping Auxiliary Power (\$1.4)			-	-	-	-	-	-
120	TN	I26-020043 Energy Reduction and Efficiency (\$0.87)			-	-	-	-	-	-
121	TN	I26-020044 New Raw Water Intake Citico (\$13)			-	-	-	-	-	-
122	TN	I26-020045 Remove Filter Bldg 3	304300	Struct & Imp-Treatment	-	-	67,480	67,480	67,480	67,480
123	TN	I26-020046 New Field Services Facility (\$4.5)			-	-	-	-	-	-
124	TN	I26-050001 Raw Water Intake Improvements Whitwell (\$2)			-	-	-	-	-	-
125	TN	I26-050002 Facility Upgrades at Whitwell WTP (\$0.3)	320100	WT Equip Non-Media	271,495	271,495	271,495	271,495	271,495	271,495
126	TN	I26-050003 Replace 0.5 MG Storage Tanks at Whitwell (\$5)			-	-	-	-	-	-
127	TN	I26-050004 Replace 0.1 MG Storage Tank at Whitwell (\$0.3)	330200	Ground Level Tanks	251,103	251,103	251,103	251,103	251,103	251,103
128	TN	I26-020002 Post Acquisition BD Capex			-	-	-	-	-	-
129	TN	I26-000001 Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains	-	-	-	-	-	-
130	TN	I26-000001	320200	Water Trmt Equip Filter Media	-	-	-	-	-	-
131	TN	I26-000001	311520	Pumping Equipment SOS	-	-	-	-	-	-
132	TN	I26-000001	340200	Computer & Peripheral Equipment	-	-	-	-	-	-
133										
134		(1) Amounts not reflected in actuals through 2016 or		Total DV Included:						
135		projections based on project costs through 2018.								
136				Total DV Excluded:						
137		(2) From actual or estimated in-service data provided by the company.								
138				Total Surcharge Amt:						
139		(3) Tax depreciation rates utilized by the company.								
140				SEC Total:						
141										
142				EDI Total:						
143										
144				QIIP Total:						
145										

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit Tennessee
Revision Date July 5, 2017
Description TN BP 2018-2022 SCEP

						Cumulative Balance of In-Serviced Plant, from 2018 Capex, by Period					
Line #	Business Unit No.		Project Title	Account	Account Description	7	8	9	10	11	12
1			RECURRING PROJECTS								
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3	TN	DV		333000	Services	-	-	-	-	-	-
4	TN	DV		335000	Hydrants	-	-	-	-	-	-
5											
6	TN	A	Mains - New	331001	Transmission & Distribution Mains	1,390,592	1,484,922	1,557,056	1,630,578	1,703,175	1,774,847
7	TN	A		333000	Services	13,386	14,294	14,988	15,695	16,394	17,084
8	TN	A		334300	Meter Vaults	42,279	45,146	47,337	49,571	51,777	53,955
9	TN	A		335000	Hydrants	57,458	61,354	64,334	67,371	70,369	73,330
10											
11	TN	B	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	5,690,359	5,861,096	6,017,989	6,165,653	6,304,088	6,433,294
12	TN	B		333000	Services	401,330	413,374	424,441	434,857	444,622	453,736
13	TN	B		335000	Hydrants	74,044	76,264	78,304	80,224	82,024	83,704
14											
15	TN	C	Mains - Unscheduled	331001	Transmission & Distribution Mains	5,867,865	5,938,280	5,978,732	6,019,183	6,099,087	6,198,967
16	TN	C		335000	Hydrants	7,032	7,117	7,165	7,214	7,310	7,430
17											
18	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains	1,714,054	1,728,928	1,738,844	1,748,760	1,753,718	1,753,718
19	TN	D		333000	Services	1,488	1,501	1,510	1,519	1,524	1,524
20	TN	D		335000	Hydrants	12,948	13,060	13,135	13,210	13,248	13,248
21											
22	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	270,614	283,088	294,782	301,019	305,306	309,204
23	TN	E		335000	Hydrants	76,494	80,020	83,326	85,089	86,302	87,404
24											
25	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	275,444	286,972	296,977	304,807	310,462	313,942
26	TN	F		335000	Hydrants	991,057	1,032,530	1,068,525	1,096,695	1,117,040	1,129,560
27											
28	TN	G	Services and Laterals - New	333000	Services	-	-	-	-	-	-
29											
30	TN	H	Services and Laterals - Replaced	333000	Services	2,085,280	2,150,225	2,205,210	2,248,042	2,277,925	2,304,073
31	TN	H		334100	Meters	8,127	8,381	8,596	8,764	8,881	8,983
32											
33	TN	I	Meters - New	334100	Meters	-	-	-	-	-	-
34	TN	I		334200	Meter Installations	-	-	-	-	-	-
35											
36	TN	J	Meters - Replaced	334100	Meters	639,157	672,487	696,878	716,876	727,986	733,541
37	TN	J		334200	Meter Installations	5,113,410	5,380,080	5,575,233	5,735,235	5,824,125	5,868,570
38											
39	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment	-	-	-	-	-	-
40											
41	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media	349,743	355,537	359,882	362,779	364,228	365,386
42	TN	L		340200	Computer & Peripheral Equipment	64,309	65,375	66,174	66,707	66,974	67,187
43	TN	L		346100	Comm Equip Non-Telephone	53,595	54,483	55,149	55,593	55,815	55,993
44	TN	L		346190	Remote Control & Instrument	739,723	751,975	761,164	767,290	770,353	772,804
45											
46	TN	M	Security Equipment and Systems	304300	Structures & Improvement - Treatment	375,165	394,977	402,902	410,827	418,752	420,734
47	TN	M		304400	Struct & Imp-Treatment-T&D	86,059	90,604	92,422	94,240	96,058	96,513
48	TN	M		304500	Structures & Improvement - General	12,168	12,811	13,068	13,325	13,582	13,646
49											
50	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General	-	-	-	-	-	-

Tennessee American Water Company
 Qualified Infrastructure Improvement Program
 Economic Development Rider
 Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
 PROGRAM**

Business Unit Tennessee
Revision Date July 5, 2017
Description TN BP 2018-2022 SCEP

						Cumulative Balance of In-Serviced Plant, from 2018 Capex, by Period					
Line #	Business Unit No.		Project Title	Account	Account Description	7	8	9	10	11	12
51											
52	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks	-	-	-	-	-	-
53	TN	O		341200	Transportation Equip Hvy Duty Trucks	-	-	-	-	-	-
54	TN	O		341300	Transportation Equip Autos	-	-	-	-	-	-
55											
56	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment	-	-	-	-	-	-
57											
58	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	297,364	302,422	306,918	311,414	315,910	317,737
59	TN	Q		304200	Struct & Imp-Pumping	467,813	475,769	482,841	489,913	496,985	499,858
60	TN	Q		304300	Struct & Imp-Treatment	26,816	27,275	27,683	28,091	28,499	28,665
61	TN	Q		304400	Struct & Imp-Treatment-T&D	31,964	32,504	32,984	33,464	33,944	34,139
62	TN	Q		304500	Structures & Improvement - General	34,521	35,106	35,626	36,146	36,666	36,878
63	TN	Q		304700	Struct & Imp-Store,Shop,Garage	-	-	-	-	-	-
64	TN	Q		306000	Lake, River & Other Intakes	30,217	30,730	31,186	31,642	32,098	32,284
65	TN	Q		309000	Supply Mains	12,271	12,478	12,662	12,846	13,030	13,105
66	TN	Q		310000	Power Generation Equip	31,246	31,777	32,249	32,721	33,193	33,385
67	TN	Q		311200	Pump Eqp Electric	26,299	26,749	27,149	27,549	27,949	28,112
68	TN	Q		311520	Pumping Equipment SOS	1,062,916	1,080,988	1,097,052	1,113,116	1,129,180	1,135,706
69	TN	Q		320100	WT Equip Non-Media	2,331,885	2,371,539	2,406,787	2,442,035	2,477,283	2,491,602
70	TN	Q		320200	Water Trmt Equip Filter Media	867,846	882,606	895,726	908,846	921,966	927,296
71	TN	Q		330000	Dist Reservoirs & Standpipes	-	-	-	-	-	-
72	TN	Q		331001	Transmission & Distribution Mains	-	-	-	-	-	-
73	TN	Q		334100	Meters	-	-	-	-	-	-
74	TN	Q		340200	Computer & Peripheral Equipment	-	-	-	-	-	-
75	TN	Q		343000	Tools, Shop, Garage Equipment	4,132	4,204	4,268	4,332	4,396	4,422
76	TN	Q		344000	Laboratory Equipment	1,766	1,793	1,817	1,841	1,865	1,875
77	TN	Q		345000	Power Operated Equipment	51,751	52,633	53,417	54,201	54,985	55,303
78	TN	Q		346190	Remote Control & Instrument	4,340	4,412	4,476	4,540	4,604	4,630
79	TN	Q		347000	Misc Equipment	9,679	9,841	9,985	10,129	10,273	10,331
80											
81	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	-	-	-	-	-	-
82	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	2,311,992	2,377,155	2,439,215	2,501,275	2,532,305	2,560,232
83	TN	R		320100	WT Equip Non-Media	480,538	494,083	506,983	519,883	526,333	532,138
84	TN	R		320200	Water Trmt Equip Filter Media	97,545	100,296	102,916	105,536	106,846	108,025
85	TN	R		330000	Dist Reservoirs & Standpipes	42,541	43,738	44,878	46,018	46,588	47,101
86	TN	R		330003	Tank Repainting	625,126	642,745	659,525	676,305	684,695	692,246
87	TN	R		330100	Elevated Tanks & Standpipes	167,555	172,280	176,780	181,280	183,530	185,555
88	TN	R		330200	Ground Level Tanks	-	-	-	-	-	-
89											
90	TN	S	Engineering Studies	331001	Transmission & Distribution Mains	-	-	-	-	-	-
91			Total Recurring Projects								
92											
93			ACQUISITIONS								
94											
95			Total Acquisitions								
96											
97			CENTRALLY SPONSORED PROJECTS								
98	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	-	-	-	-	-	-
99	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	-	-	-	-	-	-
100			Total Centrally Sponsored Projects								

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date July 5, 2017
Description TN BP 2018-2022 SCEP

					Cumulative Balance of In-Serviced Plant, from 2018 Capex, by Period						
Line #	Business Unit No.		Project Title	Account	Account Description	7	8	9	10	11	12
101											
102			INVESTMENT PROJECTS								
103	TN	I26-020017	Electrical Motor Efficiency Enhancement (\$2.9)			-	-	-	-	-	-
104	TN	I26-020027	Construct 1.0MG Tank & 2500-16" ER (\$1.0)			-	-	-	-	-	-
105	TN	I26-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment	6,290,400	6,290,400	6,290,400	6,290,400	6,290,400	6,290,400
106	TN	I26-020028		320100	WT Equip Non-Media	2,096,800	2,096,800	2,096,800	2,096,800	2,096,800	2,096,800
107	TN	I26-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping	14,597	14,597	14,597	14,597	14,597	14,597
108	TN	I26-020032		304300	Struct & Imp-Treatment	394,579	394,579	394,579	394,579	394,579	394,579
109	TN	I26-020032		304400	Struct & Imp-T&D	-	-	-	-	-	-
110	TN	I26-020032		304500	Structures & Improvement - General	9,103,923	9,103,923	9,103,923	9,103,923	9,103,923	9,103,923
111	TN	I26-020032		320100	WT Equip Non-Media	5,988,538	5,988,538	5,988,538	5,988,538	5,988,538	5,988,538
112	TN	I26-020032		330200	Ground Level Tanks	45,429	45,429	45,429	45,429	45,429	45,429
113	TN	I26-020032		347000	Misc Equipment	18,537	18,537	18,537	18,537	18,537	18,537
114	TN	I26-020034	Tennessee River Crossing (\$2.5)	331001	Transmission & Distribution Mains	-	-	-	-	-	2,414,209
115	TN	I26-020038	Retire Basin 1	304300	Struct & Imp-WT	-	-	-	-	-	-
116	TN	I26-020039	Repl Basin 2 & Plate Settlers			-	-	-	-	-	-
117	TN	I26-020040	Chlorine Gas Conversion			-	-	-	-	-	-
118	TN	I26-020041	Electrical - Breakers and Relays (\$0.6)	311200	Pump Eqp Electric	-	-	-	-	-	-
119	TN	I26-020042	Pumping Auxiliary Power (\$1.4)			-	-	-	-	-	-
120	TN	I26-020043	Energy Reduction and Efficiency (\$0.87)			-	-	-	-	-	-
121	TN	I26-020044	New Raw Water Intake Citico (\$13)			-	-	-	-	-	-
122	TN	I26-020045	Remove Filter Bldg 3	304300	Struct & Imp-Treatment	67,480	67,480	67,480	67,480	67,480	67,480
123	TN	I26-020046	New Field Services Facility (\$4.5)			-	-	-	-	-	-
124	TN	I26-050001	Raw Water Intake Improvements Whitwell (\$2)			-	-	-	-	-	-
125	TN	I26-050002	Facility Upgrades at Whitwell WTP (\$0.3)	320100	WT Equip Non-Media	271,495	271,495	271,495	271,495	271,495	271,495
126	TN	I26-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$0.5)			-	-	-	-	-	-
127	TN	I26-050004	Replace 0.1 MG Storage Tank at Whitwell (\$0.3)	330200	Ground Level Tanks	251,103	251,103	251,103	251,103	251,103	251,103
128	TN	I26-020002	Post Acquisition BD Capex			-	-	-	-	-	-
129	TN	I26-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains	-	-	-	-	-	-
130	TN	I26-000001		320200	Water Trmt Equip Filter Media	-	-	-	-	-	-
131	TN	I26-000001		311520	Pumping Equipment SOS	-	-	-	-	-	-
132	TN	I26-000001		340200	Computer & Peripheral Equipment	-	-	-	-	-	-
133											
134	(1) Amounts not reflected in actuals through 2016 or					Total DV Included:					66,150,089
135	projections based on project costs through 2018.										
136						Total DV Excluded:					66,150,089
137	(2) From actual or estimated in-service data provided by the company.										
138						Total Surcharge Amt:					66,150,089
139	(3) Tax depreciation rates utilized by the company.										
140						SEC Total:					23,535,790
141											
142						EDI Total:					2,315,824
143											
144						QIIP Total:					40,298,475
145											

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date July 5, 2017
Description TN BP 2018-2022 SCEP

TN BP 2018-2022 SCEP						2018					
Line #	Business Unit No.		Project Title	Account	Account Description	Surcharge	Average Plant in Service	Average Retires (Replacement Projects Only)	Average CIAC	Depreciation Expense	Cost of Removal Less Salvage
1	RECURRING PROJECTS										
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains		\$ -	\$ -	\$ -	\$ -	\$ -
3	TN	DV		333000	Services		-	-	-	-	-
4	TN	DV		335000	Hydrants		-	-	-	-	-
5											
6	TN	A	Mains - New	331001	Transmission & Distribution Mains	EDI	1,310,028	-	-	16,375	-
7	TN	A		333000	Services	EDI	12,611	-	-	140	-
8	TN	A		334300	Meter Vaults	EDI	39,831	-	-	1,087	-
9	TN	A		335000	Hydrants	EDI	54,130	-	-	1,245	-
10											
11	TN	B	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	QIIP	5,569,672	(210,823)	-	66,986	72,269
12	TN	B		333000	Services	QIIP	392,817	-	-	4,360	43,766
13	TN	B		335000	Hydrants	QIIP	72,475	(3,095)	-	1,596	1,397
14											
15	TN	C	Mains - Unscheduled	331001	Transmission & Distribution Mains	QIIP	5,730,991	(164,888)	-	69,576	573,811
16	TN	C		335000	Hydrants	QIIP	6,868	-	-	158	-
17											
18	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains	QIIP	1,697,654	(137,643)	(493,440)	13,332	130,342
19	TN	D		333000	Services	QIIP	1,473	-	-	16	48,961
20	TN	D		335000	Hydrants	QIIP	12,824	(70,537)	-	(1,327)	-
21											
22	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	EDI	257,781	-	-	3,222	-
23	TN	E		335000	Hydrants	EDI	72,866	(1,540)	(3,845)	1,552	1,630
24											
25	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	QIIP	266,410	(31,363)	-	2,938	78,625
26	TN	F		335000	Hydrants	QIIP	958,553	(69,058)	-	20,458	1,097
27											
28	TN	G	Services and Laterals - New	333000	Services		-	-	(110,941)	(1,231)	-
29											
30	TN	H	Services and Laterals - Replaced	333000	Services	QIIP	1,992,868	(41,972)	-	21,655	503,571
31	TN	H		334100	Meters	QIIP	7,765	(9,987)	-	(166)	15,044
32											
33	TN	I	Meters - New	334100	Meters		-	-	-	-	-
34	TN	I		334200	Meter Installations		-	-	-	-	-
35											
36	TN	J	Meters - Replaced	334100	Meters	QIIP	607,000	(541,731)	-	4,876	197,399
37	TN	J		334200	Meter Installations	QIIP	4,856,129	(44,371)	-	131,361	1,073,623
38											
39	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment		-	-	-	-	-
40											
41	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media	SEC	342,578	(15,770)	-	3,562	7,568
42	TN	L		340200	Computer & Peripheral Equipment	SEC	62,991	-	-	1,379	-
43	TN	L		346100	Comm Equip Non-Telephone	SEC	52,497	-	-	2,210	-
44	TN	L		346190	Remote Control & Instrument	SEC	724,573	(70,302)	-	27,545	3,566
45											
46	TN	M	Security Equipment and Systems	304300	Structures & Improvement - Treatment	SEC	359,010	(10,738)	-	14,314	3,654
47	TN	M		304400	Struct & Imp-Treatment-T&D	SEC	82,353	-	-	1,754	-
48	TN	M		304500	Structures & Improvement - General	SEC	11,644	-	-	132	-
49											
50	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General		-	-	-	-	-

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Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit Tennessee
Revision Date July 5, 2017
Description TN BP 2018-2022 SCEP

						2018				
Line #	Business Unit No.		Project Title	Account	Account Description	Surcharge	Average Plant in Service	Average Retires (Replacement Projects Only)	Average CIAC	Cost of Removal Less Salvage
51										
52	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks		-	-	-	-
53	TN	O		341200	Transportation Equip Hvy Duty Trucks		-	-	-	-
54	TN	O		341300	Transportation Equip Autos		-	-	-	-
55										
56	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment		-	-	-	-
57										
58	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	SEC	292,555	-	-	5,793
59	TN	Q		304200	Struct & Imp-Pumping	SEC	460,248	(27,639)	-	8,566
60	TN	Q		304300	Struct & Imp-Treatment	SEC	26,380	(6,788)	-	805
61	TN	Q		304400	Struct & Imp-Treatment-T&D	SEC	31,450	-	-	670
62	TN	Q		304500	Structures & Improvement - General	SEC	33,965	-	-	384
63	TN	Q		304700	Struct & Imp-Store,Shop,Garage	SEC	-	(7,869)	-	(57)
64	TN	Q		306000	Lake, River & Other Intakes	SEC	29,729	-	-	247
65	TN	Q		309000	Supply Mains	SEC	12,074	-	-	226
66	TN	Q		310000	Power Generation Equip	SEC	30,741	-	-	3,790
67	TN	Q		311200	Pump Eqp Electric	SEC	25,871	(68,323)	-	(1,040)
68	TN	Q		311520	Pumping Equipment SOS	SEC	1,045,732	(72,602)	-	17,808
69	TN	Q		320100	WT Equip Non-Media	SEC	2,294,179	(405,939)	-	20,582
70	TN	Q		320200	Water Trmt Equip Filter Media	SEC	853,811	(437,013)	-	140,419
71	TN	Q		330000	Dist Reservoirs & Standpipes	SEC	-	(0)	-	(0)
72	TN	Q		331001	Transmission & Distribution Mains	SEC	-	-	-	-
73	TN	Q		334100	Meters	SEC	-	-	-	-
74	TN	Q		340200	Computer & Peripheral Equipment	SEC	-	(0)	-	(0)
75	TN	Q		343000	Tools, Shop, Garage Equipment	SEC	4,064	(3,339)	-	50
76	TN	Q		344000	Laboratory Equipment	SEC	1,740	(179,515)	-	(1,796)
77	TN	Q		345000	Power Operated Equipment	SEC	50,912	(13,855)	-	2,605
78	TN	Q		346190	Remote Control & Instrument	SEC	4,271	(3,783)	-	21
79	TN	Q		347000	Misc Equipment	SEC	9,525	(2,307)	-	457
80										
81	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	QIIP	-	(94,900)	-	(3,900)
82	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	QIIP	2,235,372	(306,154)	-	232,664
83	TN	R		320100	WT Equip Non-Media	QIIP	464,612	(222,694)	-	2,637
84	TN	R		320200	Water Trmt Equip Filter Media	QIIP	94,311	(65,478)	-	9,714
85	TN	R		330000	Dist Reservoirs & Standpipes	QIIP	41,133	-	-	856
86	TN	R		330003	Tank Repainting	QIIP	604,409	(197,159)	-	45,123
87	TN	R		330100	Elevated Tanks & Standpipes	QIIP	161,999	-	-	4,439
88	TN	R		330200	Ground Level Tanks	QIIP	-	(446)	-	(12)
89										
90	TN	S	Engineering Studies	331001	Transmission & Distribution Mains		-	-	-	-
91			Total Recurring Projects							
92										
93			ACQUISITIONS							
94										
95			Total Acquisitions							
96										
97			CENTRALLY SPONSORED PROJECTS							
98	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		-			-
99	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		-			-
100			Total Centrally Sponsored Projects							

Tennessee American Water Company
 Qualified Infrastructure Improvement Program
 Economic Development Rider
 Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
 PROGRAM**

Business Unit Tennessee
 Revision Date July 5, 2017
 Description TN BP 2018-2022 SCEP

2018

Line #	Business Unit No.	Project Title	Account	Account Description	Surcharge	Average Plant in Service	Average Retires (Replacement Projects Only)	Average CIAC	Depreciation Expense	Cost of Removal Less Salvage
101										
102		INVESTMENT PROJECTS								
103	TN	I26-020017		Electrical Motor Efficiency Enhancement (\$2.9)	SEC	-			-	
104	TN	I26-020027		Construct 1.0MG Tank & 2500-16" ER (\$1.0)	SEC	-			-	
105	TN	I26-020028	304300	Citico Plant Improvements Phase 1B (\$8.6)	QIIP	6,290,400	(42,385) (1)		256,793	850,267 (1)
106	TN	I26-020028	320100	WT Equip Non-Media	QIIP	2,096,800			22,855	
107	TN	I26-020032	304200	Wastewater Treatm't & Handling Impr (\$15.3)	SEC	14,597	(14,622)		(1)	375,638
108	TN	I26-020032	304300	Struct & Imp-Treatment	SEC	394,579	(54,346)		13,984	1,396,120
109	TN	I26-020032	304400	Struct & Imp-T&D	SEC	-			-	
110	TN	I26-020032	304500	Structures & Improvement - General	SEC	9,103,923			102,874	
111	TN	I26-020032	320100	WT Equip Non-Media	SEC	5,988,538	(305)		65,272	7,834
112	TN	I26-020032	330200	Ground Level Tanks	SEC	45,429			1,245	
113	TN	I26-020032	347000	Misc Equipment	SEC	18,537			1,173	
114	TN	I26-020034	331001	Tennessee River Crossing (\$2.5)	QIIP	185,708	-		2,321	0
115	TN	I26-020038	304300	Retire Basin 1	QIIP	-			-	
116	TN	I26-020039		Repl Basin 2 & Plate Settlers	QIIP	-			-	
117	TN	I26-020040		Chlorine Gas Conversion	SEC	-			-	
118	TN	I26-020041	311200	Electrical - Breakers and Relays (\$0.6)	QIIP	-			-	
119	TN	I26-020042		Pumping Auxiliary Power (\$1.4)	SEC	-			-	
120	TN	I26-020043		Energy Reduction and Efficiency (\$0.87)	QIIP	-			-	
121	TN	I26-020044		New Raw Water Intake Citico (\$13)	SEC	-			-	
122	TN	I26-020045	304300	Remove Filter Bldg 3	QIIP	51,908	(1,805) (1)		2,059	287,308 (1)
123	TN	I26-020046		New Field Services Facility (\$4.5)		-			-	
124	TN	I26-050001		Raw Water Intake Improvements Whitwell (\$2)	SEC	-			-	
125	TN	I26-050002	320100	Facility Upgrades at Whitwell WTP (\$0.3)	SEC	250,611	(18,824) (1)		2,526	30,000 (1)
126	TN	I26-050003		Replace 0.5 MG Storage Tanks at Whitwell (\$0.5)	SEC	-			-	
127	TN	I26-050004	330200	Replace 0.1 MG Storage Tank at Whitwell (\$0.3)	SEC	231,787	(1,500) (1)		6,310	50,000 (1)
128	TN	I26-020002		Post Acquisition BD Capex		-			-	
129	TN	I26-000001	331001	Whitwell Acquisition Capital Investment	QIIP	-			-	
130	TN	I26-000001	320200	Water Trmt Equip Filter Media	QIIP	-			-	
131	TN	I26-000001	311520	Pumping Equipment SOS	QIIP	-			-	
132	TN	I26-000001	340200	Computer & Peripheral Equipment	QIIP	-			-	
133										
134		(1) Amounts not reflected in actuals through 2016 or		Total DV Included:		\$ 59,038,295	\$ (3,673,411)	\$ (608,225)	\$ 1,377,567	\$ 8,720,933
135		projections based on project costs through 2018.								
136				Total DV Excluded:		\$ 59,038,295	\$ (3,673,411)	\$ (608,225)	\$ 1,377,567	\$ 8,720,933
137		(2) From actual or estimated in-service data provided by the company.								
138				Total Surcharge Amt:		\$ 59,038,295	\$ (3,673,411)	\$ (497,284)	\$ 1,378,799	\$ 8,720,933
139		(3) Tax depreciation rates utilized by the company.								
140				SEC Total:		\$ 22,890,898	\$ (1,415,383)	\$ -	\$ 443,809	\$ 2,747,113
141										
142				EDI Total:		\$ 1,747,247	\$ (1,540)	\$ (3,845)	\$ 23,622	\$ 1,630
143										
144				QIIP Total:		\$ 34,400,150	\$ (2,256,488)	\$ (493,440)	\$ 911,368	\$ 5,972,190
145										

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date July 5, 2017
Description TN BP 2018-2022 SCEP

Line #	Business Unit No.		Project Title	Account	Account Description	Tax Depr class life	Y1 Tax Depr Rate (3)	Y2 Tax Depr Rate (3)	Y3 Tax Depr Rate (3)	Y4 Tax Depr Rate (3)	Y5 Tax Depr Rate (3)	Tax Depreciation	Tax over Book Depreciation	Tax Rate	Depreciation Deferred Tax (DTA, (DTL))
1			RECURRING PROJECTS												
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	0.04	0.04	0.04	-	-	0.39225	-
3	TN	DV		333000	Services	25 yr	0.02	0.04	0.04	0.04	0.04	-	-	0.39225	-
4	TN	DV		335000	Hydrants	25 yr	0.02	0.04	0.04	0.04	0.04	-	-	0.39225	-
5															
6	TN	A	Mains - New	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	0.04	0.04	0.04	53,182	36,807	0.39225	(14,437)
7	TN	A		333000	Services	25 yr	0.02	0.04	0.04	0.04	0.04	512	372	0.39225	(146)
8	TN	A		334300	Meter Vaults	25 yr	0.02	0.04	0.04	0.04	0.04	1,617	530	0.39225	(208)
9	TN	A		335000	Hydrants	25 yr	0.02	0.04	0.04	0.04	0.04	2,197	952	0.39225	(374)
10															
11	TN	B	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	0.04	0.04	0.04	225,492	158,506	0.39225	(62,174)
12	TN	B		333000	Services	25 yr	0.02	0.04	0.04	0.04	0.04	15,903	11,543	0.39225	(4,528)
13	TN	B		335000	Hydrants	25 yr	0.02	0.04	0.04	0.04	0.04	2,934	1,338	0.39225	(525)
14															
15	TN	C	Mains - Unscheduled	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	0.04	0.04	0.04	227,403	157,827	0.39225	(61,908)
16	TN	C		335000	Hydrants	25 yr	0.02	0.04	0.04	0.04	0.04	272	115	0.39225	(45)
17															
18	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	0.04	0.04	0.04	67,967	54,635	0.39225	(21,431)
19	TN	D		333000	Services	25 yr	0.02	0.04	0.04	0.04	0.04	59	43	0.39225	(17)
20	TN	D		335000	Hydrants	25 yr	0.02	0.04	0.04	0.04	0.04	513	1,841	0.39225	(722)
21															
22	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	0.04	0.04	0.04	10,294	7,072	0.39225	(2,774)
23	TN	E		335000	Hydrants	25 yr	0.02	0.04	0.04	0.04	0.04	2,910	1,358	0.39225	(533)
24															
25	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	0.04	0.04	0.04	10,722	7,784	0.39225	(3,053)
26	TN	F		335000	Hydrants	25 yr	0.02	0.04	0.04	0.04	0.04	38,578	18,120	0.39225	(7,107)
27															
28	TN	G	Services and Laterals - New	333000	Services	25 yr	0.02	0.04	0.04	0.04	0.04	-	1,231	0.39225	(483)
29															
30	TN	H	Services and Laterals - Replaced	333000	Services	25 yr	0.02	0.04	0.04	0.04	0.04	79,607	57,952	0.39225	(22,732)
31	TN	H		334100	Meters	25 yr	0.02	0.04	0.04	0.04	0.04	310	476	0.39225	(187)
32															
33	TN	I	Meters - New	334100	Meters	25 yr	0.02	0.04	0.04	0.04	0.04	-	-	0.39225	-
34	TN	I		334200	Meter Installations	25 yr	0.02	0.04	0.04	0.04	0.04	-	-	0.39225	-
35															
36	TN	J	Meters - Replaced	334100	Meters	25 yr	0.02	0.04	0.04	0.04	0.04	24,329	19,453	0.39225	(7,631)
37	TN	J		334200	Meter Installations	25 yr	0.02	0.04	0.04	0.04	0.04	194,637	63,276	0.39225	(24,820)
38															
39	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment	5 yr	0.2	0.32	0.192	0.1152	0.1152	-	-	0.39225	-
40															
41	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media	25 yr	0.02	0.04	0.04	0.04	0.04	13,688	10,126	0.39225	(3,972)
42	TN	L		340200	Computer & Peripheral Equipment	5 yr	0.2	0.32	0.192	0.1152	0.1152	14,162	12,783	0.39225	(5,014)
43	TN	L		346100	Comm Equip Non-Telephone	5 yr	0.2	0.32	0.192	0.1152	0.1152	8,644	6,434	0.39225	(2,524)
44	TN	L		346190	Remote Control & Instrument	5 yr	0.2	0.32	0.192	0.1152	0.1152	129,342	101,797	0.39225	(39,930)
45															
46	TN	M	Security Equipment and Systems	304300	Structures & Improvement - Treatment	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	9,264	(5,050)	0.39225	1,981
47	TN	M		304400	Struct & Imp-Treatment-T&D	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	2,125	371	0.39225	(145)
48	TN	M		304500	Structures & Improvement - General	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	300	169	0.39225	(66)
49															
50	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	-	-	0.39225	-

Tennessee American Water Company
 Qualified Infrastructure Improvement Program
 Economic Development Rider
 Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
 PROGRAM**

Business Unit Tennessee
Revision Date July 5, 2017
Description TN BP 2018-2022 SCEP

Line #	Business Unit			Project Title	Account	Account Description	Tax Depr class life	Y1 Tax Depr Rate (3)	Y2 Tax Depr Rate (3)	Y3 Tax Depr Rate (3)	Y4 Tax Depr Rate (3)	Y5 Tax Depr Rate (3)	Tax Depreciation	Tax over Book Depreciation	Tax Rate	Depreciation Deferred Tax (DTA, (DTL))
51																
52	TN	O		Vehicles	341100	Transportation Equip Lt Duty Trucks	5 yr	0.2	0.32	0.192	0.1152	0.1152	-	-	0.39225	-
53	TN	O			341200	Transportation Equip Hvy Duty Trucks	5 yr	0.2	0.32	0.192	0.1152	0.1152	-	-	0.39225	-
54	TN	O			341300	Transportation Equip Autos	5 yr	0.2	0.32	0.192	0.1152	0.1152	-	-	0.39225	-
55																
56	TN	P		Tools and Equipment	343000	Tools, Shop, Garage Equipment	25 yr	0.02	0.04	0.04	0.04	0.04	-	-	0.39225	-
57																
58	TN	Q		Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	7,506	1,713	0.39225	(672)
59	TN	Q			304200	Struct & Imp-Pumping	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	11,808	3,242	0.39225	(1,272)
60	TN	Q			304300	Struct & Imp-Treatment	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	677	(128)	0.39225	50
61	TN	Q			304400	Struct & Imp-Treatment-T&D	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	807	137	0.39225	(54)
62	TN	Q			304500	Structures & Improvement - General	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	871	488	0.39225	(191)
63	TN	Q			304700	Struct & Imp-Store,Shop,Garage	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	-	57	0.39225	(23)
64	TN	Q			306000	Lake, River & Other Intakes	25 yr	0.02	0.04	0.04	0.04	0.04	1,190	943	0.39225	(370)
65	TN	Q			309000	Supply Mains	25 yr	0.02	0.04	0.04	0.04	0.04	483	257	0.39225	(101)
66	TN	Q			310000	Power Generation Equip	25 yr	0.02	0.04	0.04	0.04	0.04	1,230	(2,560)	0.39225	1,004
67	TN	Q			311200	Pump Eqp Electric	25 yr	0.02	0.04	0.04	0.04	0.04	1,035	2,076	0.39225	(814)
68	TN	Q			311520	Pumping Equipment SOS	25 yr	0.02	0.04	0.04	0.04	0.04	41,854	24,046	0.39225	(9,432)
69	TN	Q			320100	WT Equip Non-Media	25 yr	0.02	0.04	0.04	0.04	0.04	91,821	71,240	0.39225	(27,944)
70	TN	Q			320200	Water Trmt Equip Filter Media	25 yr	0.02	0.04	0.04	0.04	0.04	34,173	(106,247)	0.39225	41,675
71	TN	Q			330000	Dist Reservoirs & Standpipes	25 yr	0.02	0.04	0.04	0.04	0.04	-	0	0.39225	(0)
72	TN	Q			331001	Transmission & Distribution Mains	25 yr	0.02	0.04	0.04	0.04	0.04	-	-	0.39225	-
73	TN	Q			334100	Meters	25 yr	0.02	0.04	0.04	0.04	0.04	-	-	0.39225	-
74	TN	Q			340200	Computer & Peripheral Equipment	5 yr	0.2	0.32	0.192	0.1152	0.1152	-	0	0.39225	(0)
75	TN	Q			343000	Tools, Shop, Garage Equipment	25 yr	0.02	0.04	0.04	0.04	0.04	163	113	0.39225	(44)
76	TN	Q			344000	Laboratory Equipment	25 yr	0.02	0.04	0.04	0.04	0.04	70	1,865	0.39225	(732)
77	TN	Q			345000	Power Operated Equipment	25 yr	0.02	0.04	0.04	0.04	0.04	2,038	(567)	0.39225	223
78	TN	Q			346190	Remote Control & Instrument	5 yr	0.2	0.32	0.192	0.1152	0.1152	679	658	0.39225	(258)
79	TN	Q			347000	Misc Equipment	25 yr	0.02	0.04	0.04	0.04	0.04	381	(76)	0.39225	30
80																
81	TN	R		Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	-	3,900	0.39225	(1,530)
82	TN	R			304301	Struct & Imp-Treatment-Dpr Paint	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	57,688	(174,975)	0.39225	68,634
83	TN	R			320100	WT Equip Non-Media	25 yr	0.02	0.04	0.04	0.04	0.04	18,706	16,069	0.39225	(6,303)
84	TN	R			320200	Water Trmt Equip Filter Media	25 yr	0.02	0.04	0.04	0.04	0.04	3,797	(5,917)	0.39225	2,321
85	TN	R			330000	Dist Reservoirs & Standpipes	25 yr	0.02	0.04	0.04	0.04	0.04	1,656	800	0.39225	(314)
86	TN	R			330003	Tank Repainting	25 yr	0.02	0.04	0.04	0.04	0.04	24,334	(20,790)	0.39225	8,155
87	TN	R			330100	Elevated Tanks & Standpipes	25 yr	0.02	0.04	0.04	0.04	0.04	6,522	2,083	0.39225	(817)
88	TN	R			330200	Ground Level Tanks	25 yr	0.02	0.04	0.04	0.04	0.04	-	12	0.39225	(5)
89																
90	TN	S		Engineering Studies	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	0.04	0.04	0.04	-	-	0.39225	-
91				Total Recurring Projects												
92																
93				ACQUISITIONS												
94																
95				Total Acquisitions												
96																
97				CENTRALLY SPONSORED PROJECTS												
98	TN	T26-0202		Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	3 yr	0.3333	0.3333	0.3334			-	-	0.39225	-
99	TN	T26-0203		Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate										
100				Total Centrally Sponsored Projects												

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date July 5, 2017
Description TN BP 2018-2022 SCEP

Line #	Business Unit No.	Project Title	Account	Account Description	Tax Depr class life	Y1 Tax Depr Rate (3)	Y2 Tax Depr Rate (3)	Y3 Tax Depr Rate (3)	Y4 Tax Depr Rate (3)	Y5 Tax Depr Rate (3)	Tax Depreciation	Tax over Book Depreciation	Tax Rate	Depreciation Deferred Tax (DTA, (DTL))
101														
102		INVESTMENT PROJECTS												
103	TN	I26-020017		Electrical Motor Efficiency Enhancement (\$2.9)										-
104	TN	I26-020027		Construct 1.0MG Tank & 2500-16" ER (\$1.0)										
105	TN	I26-020028	304300	Citico Plant Improvements Phase 1B (\$8.6)										
106	TN	I26-020028	320100	Struct & Imp-Treatment	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	161,286	(95,508)	0.39225	37,463
107	TN	I26-020032	304200	WT Equip Non-Media	25 yr	0.02	0.04	0.04	0.04	0.04	83,872	61,017	0.39225	(23,934)
108	TN	I26-020032	304300	Struct & Imp-Pumping	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	374	375	0.39225	(147)
109	TN	I26-020032	304300	Struct & Imp-Treatment	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	10,117	(3,867)	0.39225	1,517
110	TN	I26-020032	304400	Struct & Imp-T&D	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	-	-	0.39225	-
111	TN	I26-020032	304500	Structures & Improvement - General	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	233,425	130,550	0.39225	(51,208)
112	TN	I26-020032	320100	WT Equip Non-Media	25 yr	0.02	0.04	0.04	0.04	0.04	239,542	174,270	0.39225	(68,357)
113	TN	I26-020032	330200	Ground Level Tanks	25 yr	0.02	0.04	0.04	0.04	0.04	1,817	572	0.39225	(225)
114	TN	I26-020032	347000	Misc Equipment	25 yr	0.02	0.04	0.04	0.04	0.04	741	(432)	0.39225	169
115	TN	I26-020034	331001	Tennessee River Crossing (\$2.5)	25 yr	0.02	0.04	0.04	0.04	0.04	48,284	45,963	0.39225	(18,029)
116	TN	I26-020038	304300	Retire Basin 1	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	-	-	0.39225	-
117	TN	I26-020039		Repl Basin 2 & Plate Settlers										
118	TN	I26-020040		Chlorine Gas Conversion										
119	TN	I26-020041	311200	Electrical - Breakers and Relays (\$0.6)	25 yr	0.02	0.04	0.04	0.04	0.04	-	-	0.39225	-
120	TN	I26-020042		Pumping Auxiliary Power (\$1.4)										
121	TN	I26-020043		Energy Reduction and Efficiency (\$0.87)										
122	TN	I26-020044		New Raw Water Intake Citico (\$13)										
123	TN	I26-020045	304300	Remove Filter Bldg 3	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	865	(1,194)	0.39225	468
124	TN	I26-020046		New Field Services Facility (\$4.5)										
125	TN	I26-050001		Raw Water Intake Improvements Whitwell (\$2)										
126	TN	I26-050002	320100	Facility Upgrades at Whitwell WTP (\$0.3)	25 yr	0.02	0.04	0.04	0.04	0.04	5,430	2,903	0.39225	(1,139)
127	TN	I26-050003		Replace 0.5 MG Storage Tanks at Whitwell (\$.5)										
128	TN	I26-050004	330200	Replace 0.1 MG Storage Tank at Whitwell (\$0.3)	25 yr	0.02	0.04	0.04	0.04	0.04	5,022	(1,288)	0.39225	505
129	TN	I26-020002		Post Acquisition BD Capex										
130	TN	I26-000001	331001	Whitwell Acquisition Capital Investment	25 yr	0.02	0.04	0.04	0.04	0.04	-	-	0.39225	-
131	TN	I26-000001	320200	Water Trmt Equip Filter Media	25 yr	0.02	0.04	0.04	0.04	0.04	-	-	0.39225	-
132	TN	I26-000001	311520	Pumping Equipment SOS	25 yr	0.02	0.04	0.04	0.04	0.04	-	-	0.39225	-
133	TN	I26-000001	340200	Computer & Peripheral Equipment	5 yr	0.2	0.32	0.192	0.1152	0.1152	-	-	0.39225	-
134		(1) Amounts not reflected in actuals through 2016 or projections based on project costs through 2018.		Total DV Included:							\$ 2,237,230	\$ 859,663		\$ (337,203)
135				Total DV Excluded:							\$ 2,237,230	\$ 859,663		\$ (337,203)
136		(2) From actual or estimated in-service data provided by the company.		Total Surcharge Amt:							\$ 2,237,230	\$ 858,431		\$ (336,720)
137														
138		(3) Tax depreciation rates utilized by the company.												
139				SEC Total:							\$ 870,779	\$ 426,970		\$ (167,479)
140														
141				EDI Total:							\$ 70,713	\$ 47,091		\$ (18,471)
142														
143				QIIP Total:							\$ 1,295,738	\$ 384,370		\$ (150,769)
144														
145														

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit Tennessee
Revision Date July 5, 2017
Description TN BP 2018-2022 SCEP

Line #	Business Unit No.	Project Title	Account	Account Description	NOTES	Average Accum Depreciation	Average Depreciation Deferred Tax (DTA, (DTL))
1		RECURRING PROJECTS					
2	TN DV	Projects Funded by Others	331001	Transmission & Distribution Mains	This should be zero if related to non-taxable	\$ -	\$ -
3	TN DV		333000	Services	This should be zero if related to non-taxable	0	0
4	TN DV		335000	Hydrants	This should be zero if related to non-taxable	0	0
5							
6	TN A	Mains - New	331001	Transmission & Distribution Mains		(28,520)	(22,715)
7	TN A		333000	Services		(240)	(213)
8	TN A		334300	Meter Vaults		(1,637)	(171)
9	TN A		335000	Hydrants		(2,003)	(497)
10							
11	TN B	Mains - Replaced / Restored	331001	Transmission & Distribution Mains		(119,060)	(111,302)
12	TN B		333000	Services		(7,854)	(8,377)
13	TN B		335000	Hydrants		(3,227)	(941)
14							
15	TN C	Mains - Unscheduled	331001	Transmission & Distribution Mains		(153,362)	(130,991)
16	TN C		335000	Hydrants		(393)	(26)
17							
18	TN D	Mains - Relocated	331001	Transmission & Distribution Mains		(34,233)	(56,222)
19	TN D		333000	Services		(48)	(48)
20	TN D		335000	Hydrants		4,509	(2,264)
21							
22	TN E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains		(6,026)	(5,557)
23	TN E		335000	Hydrants		(4,407)	(858)
24							
25	TN F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains		(5,216)	(6,092)
26	TN F		335000	Hydrants		(43,654)	(13,560)
27							
28	TN G	Services and Laterals - New	333000	Services		(2,353)	(1,465)
29							
30	TN H	Services and Laterals - Replaced	333000	Services		(48,410)	(48,548)
31	TN H		334100	Meters		242	(285)
32							
33	TN I	Meters - New	334100	Meters		(6,433)	1,848
34	TN I		334200	Meter Installations		(1,458)	153
35							
36	TN J	Meters - Replaced	334100	Meters		(51,683)	2,121
37	TN J		334200	Meter Installations		(228,146)	(45,748)
38							
39	TN K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment		0	0
40							
41	TN L	SCADA Equipment and Systems	320100	WT Equip Non-Media		(12,208)	(12,169)
42	TN L		340200	Computer & Peripheral Equipment		(2,189)	(12,479)
43	TN L		346100	Comm Equip Non-Telephone		(7,486)	(10,093)
44	TN L		346190	Remote Control & Instrument		(64,657)	(155,043)
45							
46	TN M	Security Equipment and Systems	304300	Structures & Improvement - Treatment		(22,781)	2,357
47	TN M		304400	Struct & Imp-Treatment-T&D		(2,128)	(371)
48	TN M		304500	Structures & Improvement - General		(294)	(211)
49							
50	TN N	Offices and Operations Centers	304500	Structures & Improvement - General		0	0

Tennessee American Water Company
 Qualified Infrastructure Improvement Program
 Economic Development Rider
 Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
 PROGRAM**

Business Unit Tennessee
Revision Date July 5, 2017
Description TN BP 2018-2022 SCEP

Line #	Business Unit No.		Project Title	Account	Account Description	NOTES	Average Accum Depreciation	Average Depreciation Deferred Tax (DTA, (DTL))
51								
52	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks		0	0
53	TN	O		341200	Transportation Equip Hvy Duty Trucks		0	0
54	TN	O		341300	Transportation Equip Autos		0	0
55								
56	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment		0	0
57								
58	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply		(13,960)	(1,893)
59	TN	Q		304200	Struct & Imp-Pumping		(14,814)	(2,396)
60	TN	Q		304300	Struct & Imp-Treatment		(1,333)	(4)
61	TN	Q		304400	Struct & Imp-Treatment-T&D		(1,499)	(231)
62	TN	Q		304500	Structures & Improvement - General		(1,008)	(489)
63	TN	Q		304700	Struct & Imp-Store,Shop,Garage		177	(69)
64	TN	Q		306000	Lake, River & Other Intakes		(474)	(641)
65	TN	Q		309000	Supply Mains		(752)	(273)
66	TN	Q		310000	Power Generation Equip		(13,405)	2,492
67	TN	Q		311200	Pump Eqp Electric		2,131	(1,824)
68	TN	Q		311520	Pumping Equipment SOS		(40,690)	(21,834)
69	TN	Q		320100	WT Equip Non-Media		(57,765)	(72,610)
70	TN	Q		320200	Water Trmt Equip Filter Media		(416,438)	128,708
71	TN	Q		330000	Dist Reservoirs & Standpipes		0	(0)
72	TN	Q		331001	Transmission & Distribution Mains		0	0
73	TN	Q		334100	Meters		0	0
74	TN	Q		340200	Computer & Peripheral Equipment		0	(0)
75	TN	Q		343000	Tools, Shop, Garage Equipment		(97)	(75)
76	TN	Q		344000	Laboratory Equipment		5,585	(2,142)
77	TN	Q		345000	Power Operated Equipment		(7,796)	991
78	TN	Q		346190	Remote Control & Instrument		(105)	(1,102)
79	TN	Q		347000	Misc Equipment		(1,468)	188
80								
81	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment		13,356	(5,231)
82	TN	R		304301	Struct & Imp-Treatment-Dpr Paint		(379,127)	115,066
83	TN	R		320100	WT Equip Non-Media		(42,012)	(56,781)
84	TN	R		320200	Water Trmt Equip Filter Media		(13,101)	2,925
85	TN	R		330000	Dist Reservoirs & Standpipes		(10,661)	(5,954)
86	TN	R		330003	Tank Repainting		(62,166)	9,465
87	TN	R		330100	Elevated Tanks & Standpipes		(5,668)	(1,580)
88	TN	R		330200	Ground Level Tanks		49	(17)
89								
90	TN	S	Engineering Studies	331001	Transmission & Distribution Mains		0	0
91			Total Recurring Projects					
92								
93			ACQUISITIONS					
94								
95			Total Acquisitions					
96								
97			CENTRALLY SPONSORED PROJECTS					
98	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		0	0
99	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate			
100			Total Centrally Sponsored Projects					

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date July 5, 2017
Description TN BP 2018-2022 SCEP

Line #	Business Unit No.	Project Title	Account	Account Description	NOTES	Average Accum Depreciation	Average Depreciation Deferred Tax (DTA, (DTL))
101							
102		INVESTMENT PROJECTS					
103	TN	I26-020017 Electrical Motor Efficiency Enhancement (\$2.9)					
104	TN	I26-020027 Construct 1.0MG Tank & 2500-16" ER (\$1.0)					
105	TN	I26-020028 Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment		(519,647)	77,303
106	TN	I26-020028	320100	WT Equip Non-Media		(46,169)	(47,688)
107	TN	I26-020032 Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping		(42)	(277)
108	TN	I26-020032	304300	Struct & Imp-Treatment		(31,605)	4,460
109	TN	I26-020032	304400	Struct & Imp-T&D		0	0
110	TN	I26-020032	304500	Structures & Improvement - General		(273,386)	(170,164)
111	TN	I26-020032	320100	WT Equip Non-Media		(170,995)	(208,772)
112	TN	I26-020032	330200	Ground Level Tanks		(3,308)	(862)
113	TN	I26-020032	347000	Misc Equipment		(3,109)	344
114	TN	I26-020034 Tennessee River Crossing (\$2.5)	331001	Transmission & Distribution Mains		(1,161)	(9,014)
115	TN	I26-020038 Retire Basin 1	304300	Struct & Imp-WT		0	0
116	TN	I26-020039 Repl Basin 2 & Plate Settlers					
117	TN	I26-020040 Chlorine Gas Conversion					
118	TN	I26-020041 Electrical - Breakers and Relays (\$0.6)	311200	Pump Eqp Electric		0	0
119	TN	I26-020042 Pumping Auxiliary Power (\$1.4)					
120	TN	I26-020043 Energy Reduction and Efficiency (\$0.87)					
121	TN	I26-020044 New Raw Water Intake Citico (\$13)					
122	TN	I26-020045 Remove Filter Bldg 3	304300	Struct & Imp-Treatment		(1,030)	234
123	TN	I26-020046 New Field Services Facility (\$4.5)					
124	TN	I26-050001 Raw Water Intake Improvements Whitwell (\$2)					
125	TN	I26-050002 Facility Upgrades at Whitwell WTP (\$0.3)	320100	WT Equip Non-Media		(1,263)	(569)
126	TN	I26-050003 Replace 0.5 MG Storage Tanks at Whitwell (\$0.5)					
127	TN	I26-050004 Replace 0.1 MG Storage Tank at Whitwell (\$0.3)	330200	Ground Level Tanks		(3,155)	253
128	TN	I26-020002 Post Acquisition BD Capex					
129	TN	I26-000001 Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains		0	0
130	TN	I26-000001	320200	Water Trmt Equip Filter Media		0	0
131	TN	I26-000001	311520	Pumping Equipment SOS		0	0
132	TN	I26-000001	340200	Computer & Peripheral Equipment		0	0
133							
134		(1) Amounts not reflected in actuals through 2016 or projections based on project costs through 2018.		Total DV Included: See note under DV above		\$ (2,973,266)	\$ (909,835)
135							
136				Total DV Excluded:		\$ (2,973,266)	\$ (909,835)
137		(2) From actual or estimated in-service data provided by the company.					
138				Total Surcharge Amt:		\$ (2,963,022)	\$ (910,371)
139		(3) Tax depreciation rates utilized by the company.					
140				SEC Total:		\$ (1,162,317)	\$ (536,803)
141							
142				EDI Total:		\$ (42,834)	\$ (30,011)
143							
144				QIIP Total:		\$ (1,757,871)	\$ (343,556)
145							

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date September 21, 2016
Description TN BP 2017-2021 SCEP

Line #	Business Unit No.	Project Title	Account	Account Description	Portion to Account (2)	In-Service (Months) (3)	Dep Rate	Prior Year Period 11 Spend	Prior Year Period 12 Spend	2016 SCEP Reforecast	Prior 2016 SCEP In-Serviced
1		RECURRING PROJECTS									
2	TN	DV	331001	Transmission & Distribution Mains	0.0%	3	1.25%	120,000	100,000		\$ -
3	TN	DV	333000	Services	0.0%	3	1.11%	120,000	100,000		-
4	TN	DV	335000	Hydrants	0.0%	3	2.30%	120,000	100,000		-
5											
6	TN	A	331001	Transmission & Distribution Mains	92.5%	3	1.25%	-	-		597,576
7	TN	A	333000	Services	0.9%	3	1.11%				5,754
8	TN	A	334300	Meter Vaults	2.8%	3	2.73%				18,184
9	TN	A	335000	Hydrants	3.8%	3	2.30%				24,701
10											
11	TN	B	331001	Transmission & Distribution Mains	92.3%	3	1.25%	-	-		2,522,367
12	TN	B	333000	Services	6.5%	3	1.11%	-	-		177,865
13	TN	B	335000	Hydrants	1.2%	3	2.30%	-	-		32,852
14											
15	TN	C	331001	Transmission & Distribution Mains	99.9%	3	1.25%	80,000	120,000		4,158,822
16	TN	C	335000	Hydrants	0.1%	3	2.30%	80,000	120,000		4,979
17											
18	TN	D	331001	Transmission & Distribution Mains	99.2%	3	1.25%	-	-		1,545,482
19	TN	D	333000	Services	0.1%	3	1.11%	-	-		1,335
20	TN	D	335000	Hydrants	0.8%	3	2.30%	-	-		11,673
21											
22	TN	E	331001	Transmission & Distribution Mains	78.0%	1	1.25%				147,515
23	TN	E	335000	Hydrants	22.0%	1	2.30%				41,693
24											
25	TN	F	331001	Transmission & Distribution Mains	21.8%	1	1.25%				140,790
26	TN	F	335000	Hydrants	78.3%	1	2.30%				506,611
27											
28	TN	G	333000	Services	0.0%	1	1.11%				-
29											
30	TN	H	333000	Services	99.6%	1	1.11%				1,279,335
31	TN	H	334100	Meters	0.4%		7.47%				4,971
32											
33	TN	I	334100	Meters	0.0%	1	7.47%				-
34	TN	I	334200	Meter Installations	0.0%	1	2.73%				-
35											
36	TN	J	334100	Meters	11.1%	1	7.47%				295,389
37	TN	J	334200	Meter Installations	88.9%	1	2.73%				2,362,958
38											
39	TN	K	340200	Computer & Peripheral Equipment	0.0%	1	2.19%				-
40											
41	TN	L	320100	WT Equip Non-Media	29.0%		1.09%				268,337
42	TN	L	340200	Computer & Peripheral Equipment	5.3%	1	2.19%				49,331
43	TN	L	346100	Comm Equip Non-Telephone	4.4%		4.21%				41,119
44	TN	L	346190	Remote Control & Instrument	61.3%		4.21%				567,583
45											
46	TN	M	304300	Structures & Improvement - Treatment	79.3%		4.11%				190,909
47	TN	M	304400	Struct & Imp-Treatment-T&D	18.2%		2.13%				43,791
48	TN	M	304500	Structures & Improvement - General	2.6%	1	1.13%				6,193
49											
50	TN	N	304500	Structures & Improvement - General	0.0%	1	1.13%				-

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit Tennessee
Revision Date September 21, 2016
Description TN BP 2017-2021 SCEP

Line #	Business Unit No.		Project Title	Account	Account Description	Portion to Account (2)	In-Service (Months) (3)	Dep Rate	Prior Year Period 11 Spend	Prior Year Period 12 Spend	2016 SCEP Reforecast	Prior 2016 SCEP In-Serviced
51												
52	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks	0.0%	1	16.00%				-
53	TN	O		341200	Transportation Equip Hvy Duty Trucks	0.0%	1	16.62%				-
54	TN	O		341300	Transportation Equip Autos	0.0%	1	11.38%				-
55												
56	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment	0.0%	1	6.89%				-
57												
58	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	5.6%		1.98%				238,495
59	TN	Q		304200	Struct & Imp-Pumping	8.8%		1.98%				375,214
60	TN	Q		304300	Struct & Imp-Treatment	0.5%		4.11%				21,474
61	TN	Q		304400	Struct & Imp-Treatment-T&D	0.6%		2.13%				25,679
62	TN	Q		304500	Structures & Improvement - General	0.7%		1.13%				27,713
63	TN	Q		304700	Struct & Imp-Store,Shop,Garage	0.0%		0.73%				-
64	TN	Q		306000	Lake, River & Other Intakes	0.6%		0.83%				24,247
65	TN	Q		309000	Supply Mains	0.2%		1.87%				9,862
66	TN	Q		310000	Power Generation Equip	0.6%		12.33%				25,066
67	TN	Q		311200	Pump Eqp Electric	0.5%		2.45%				21,062
68	TN	Q		311520	Pumping Equipment SOS	20.1%	1	1.83%				852,578
69	TN	Q		320100	WT Equip Non-Media	44.1%	1	1.09%				1,870,356
70	TN	Q		320200	Water Trmt Equip Filter Media	16.4%		33.69%				696,056
71	TN	Q		330000	Dist Reservoirs & Standpipes	0.0%		2.08%				-
72	TN	Q		331001	Transmission & Distribution Mains	0.0%		1.25%				-
73	TN	Q		334100	Meters	0.0%		7.47%				-
74	TN	Q		340200	Computer & Peripheral Equipment	0.0%	1	2.19%				-
75	TN	Q		343000	Tools, Shop, Garage Equipment	0.1%		6.89%				3,294
76	TN	Q		344000	Laboratory Equipment	0.0%		1.01%				1,452
77	TN	Q		345000	Power Operated Equipment	1.0%		7.03%				41,485
78	TN	Q		346190	Remote Control & Instrument	0.1%		4.21%				3,502
79	TN	Q		347000	Misc Equipment	0.2%		6.33%				7,793
80												
81	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	0.0%		4.11%				-
82	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	62.1%		12.06%				1,250,689
83	TN	R		320100	WT Equip Non-Media	12.9%		1.09%				259,932
84	TN	R		320200	Water Trmt Equip Filter Media	2.6%		33.69%				52,740
85	TN	R		330000	Dist Reservoirs & Standpipes	1.1%		2.08%				23,045
86	TN	R		330003	Tank Repainting	16.8%	1	11.08%				338,167
87	TN	R		330100	Elevated Tanks & Standpipes	4.5%		2.74%				90,599
88	TN	R		330200	Ground Level Tanks	0.0%		2.74%				-
89												
90	TN	S	Engineering Studies	331001	Transmission & Distribution Mains	0.0%	1	1.25%				-
91			Total Recurring Projects									
92												
93			ACQUISITIONS									
94												
95			Total Acquisitions									
96												
97			CENTRALLY SPONSORED PROJECTS									
98	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	100.0%	1	10.00%				-
99	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	100.0%	1	10.00%				-
100			Total Centrally Sponsored Projects									

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date September 21, 2016
Description TN BP 2017-2021 SCEP

Line #	Business Unit No.	Project Title	Account	Account Description	Portion to Account (2)	In-Service (Months) (3)	Dep Rate	Prior Year Period 11 Spend	Prior Year Period 12 Spend	2016 SCEP Reforecast	Prior 2016 SCEP In-Serviced
101											
102		INVESTMENT PROJECTS							Inception to Date Spend	2016 SCEP Reforecast	
103	TN	I26-020017		Electrical Motor Efficiency Enhancement (\$2.9)	100.0%	7/17/2018					-
104	TN	I26-020027		Construct 1.0MG Tank & 2500-16" ER (\$1.0)	100.0%	7/31/2019					-
105	TN	I26-020028	304300	Citico Plant Improvements Phase 1B (\$8.6)		6/1/2016	4.11%				6,290,400
106	TN	I26-020028	320100	WT Equip Non-Media	100.0%	6/1/2016	1.09%				2,096,800
107	TN	I26-020032	304200	Wastewater Treatm't & Handling Impr (\$15.3)		11/1/2015	1.98%				14,597
108	TN	I26-020032	304300	Struct & Imp-Treatment		11/1/2015	4.11%				394,579
109	TN	I26-020032	304400	Struct & Imp-T&D	100.0%	11/1/2015	2.13%				-
110	TN	I26-020032	304500	Structures & Improvement - General		11/1/2015	1.13%				9,103,923
111	TN	I26-020032	320100	WT Equip Non-Media		11/1/2015	1.09%				5,988,538
112	TN	I26-020032	330200	Ground Level Tanks		11/1/2015	2.74%				45,429
113	TN	I26-020032	347000	Misc Equipment		11/1/2015	6.33%				18,537
114	TN	I26-020034	331001	Tennessee River Crossing (\$2.5)	100.0%	12/31/2018	1.25%				-
115	TN	I26-020038	304300	Retire Basin 1	100.0%	12/31/2020					-
116	TN	I26-020039		Basin 2 Tube Settlers	100.0%	7/30/2018					-
117	TN	I26-020040		Chlorine Gas Conversion	100.0%	11/30/2020					-
118	TN	I26-020041	311200	Electrical - Breakers and Relays (\$0.6)	100.0%	12/31/2017	2.45%				-
119	TN	I26-020042		Pumping Auxiliary Power (\$1.4)	100.0%	6/30/2018					-
120	TN	I26-020043		Energy Reduction and Efficiency (\$0.87)	100.0%	12/31/2020					-
121	TN	I26-020044		New Raw Water Intake Citico (\$13)	100.0%	6/30/2022					-
122	TN	I26-020045		Renovate Filter Bldg 3 (\$0.75)	100.0%	6/30/2018					-
123	TN	I26-020046		New Field Services Facility (\$4.5)	100.0%	12/31/2020					-
124	TN	I26-050001		Raw Water Intake Improvements Whitwell (\$2)	100.0%	12/31/2021					-
125	TN	I26-050002		Facility Upgrades at Whitwell WTP (\$0.3)	100.0%	4/30/2018					-
126	TN	I26-050003		Replace 0.5 MG Storage Tanks at Whitwell (\$.5)	100.0%	12/31/2021					-
127	TN	I26-050004		Replace 0.1 MG Storage Tank at Whitwell (\$0.3)	100.0%	4/30/2018					-
128	TN	I26-020002		Post Acquisition BD Capex	100.0%						-
129	TN	I26-000001	331001	Whitwell Acquisition Capital Investment	85.0%	12/31/2014	1.25%				-
130	TN	I26-000001	320200	Water Trmt Equip Filter Media	6.0%	12/31/2014	33.69%				-
131	TN	I26-000001	311520	Pumping Equipment SOS	4.5%	12/31/2014	1.83%				-
132	TN	I26-000001	340200	Computer & Peripheral Equipment	4.5%	12/31/2014	2.19%				-
133											
134		(1) Amounts not reflected in actuals through 2016 or		Total DV Included:						\$	45,261,416
135		projections based on project costs through 2017.									
136				Total DV Excluded:						\$	45,261,416
137		(2) From prior docket #s and sourced accounts.									
138		(3) From actual or estimated in-service data provided by the company.		Total Surcharge Amt:						\$	45,261,416
139		(4) Tax depreciation rates utilized by the company.									
140				SEC Total:						\$	20,978,192
141											
142				EDI Total:						\$	835,424
143											
144				QIIP Total:						\$	23,447,800
145											

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit Tennessee
Revision Date September 21, 2016
Description TN BP 2017-2021 SCEP

Line #	Business Unit No.	Project Title	Account	Account Description	Cumulative Balance of In-Serviced Plant, from 2017 Capex, by Period					
					1	2	3	4	5	6
1		RECURRING PROJECTS								
2	TN	DV		Projects Funded by Others						
3	TN	DV	331001	Transmission & Distribution Mains	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4	TN	DV	333000	Services	-	-	-	-	-	-
5			335000	Hydrants	-	-	-	-	-	-
6	TN	A	331001	Transmission & Distribution Mains	614,531	670,019	757,875	836,483	876,558	884,264
7	TN	A	333000	Services	5,917	6,451	7,297	8,053	8,439	8,513
8	TN	A	334300	Meter Vaults	18,699	20,385	23,054	25,443	26,660	26,895
9	TN	A	335000	Hydrants	25,402	27,694	31,323	34,570	36,225	36,543
10										
11	TN	B	331001	Transmission & Distribution Mains	2,571,086	2,668,524	2,843,906	3,063,126	3,326,184	3,603,854
12	TN	B	333000	Services	181,301	188,174	200,545	216,009	234,565	254,151
13	TN	B	335000	Hydrants	33,486	34,752	37,033	39,883	43,304	46,914
14										
15	TN	C	331001	Transmission & Distribution Mains	4,280,652	4,432,861	4,571,752	4,667,775	4,720,930	4,772,204
16	TN	C	335000	Hydrants	5,125	5,308	5,475	5,590	5,654	5,716
17										
18	TN	D	331001	Transmission & Distribution Mains	1,545,482	1,545,482	1,545,482	1,545,482	1,556,500	1,578,535
19	TN	D	333000	Services	1,335	1,335	1,335	1,335	1,345	1,365
20	TN	D	335000	Hydrants	11,673	11,673	11,673	11,673	11,756	11,923
21										
22	TN	E	331001	Transmission & Distribution Mains	147,515	150,584	155,699	159,791	165,929	171,044
23	TN	E	335000	Hydrants	41,693	42,560	44,006	45,163	46,898	48,344
24										
25	TN	F	331001	Transmission & Distribution Mains	140,790	142,965	147,315	154,928	161,453	170,044
26	TN	F	335000	Hydrants	506,611	514,436	530,086	557,474	580,949	611,858
27										
28	TN	G	333000	Services	-	-	-	-	-	-
29										
30	TN	H	333000	Services	1,289,197	1,308,921	1,338,507	1,379,947	1,421,388	1,473,686
31	TN	H	334100	Meters	5,010	5,087	5,203	5,365	5,527	5,732
32										
33	TN	I	334100	Meters	-	-	-	-	-	-
34	TN	I	334200	Meter Installations	-	-	-	-	-	-
35										
36	TN	J	334100	Meters	305,623	315,857	329,491	343,125	363,558	383,991
37	TN	J	334200	Meter Installations	2,444,839	2,526,720	2,635,802	2,744,884	2,908,367	3,071,850
38										
39	TN	K	340200	Computer & Peripheral Equipment	-	-	-	-	-	-
40										
41	TN	L	320100	WT Equip Non-Media	268,337	268,337	268,337	285,236	302,135	319,034
42	TN	L	340200	Computer & Peripheral Equipment	49,331	49,331	49,331	52,441	55,550	58,659
43	TN	L	346100	Comm Equip Non-Telephone	41,119	41,119	41,119	43,709	46,299	48,889
44	TN	L	346190	Remote Control & Instrument	567,583	567,583	567,583	603,318	639,053	674,788
45										
46	TN	M	304300	Structures & Improvement - Treatment	190,909	190,909	190,909	210,721	230,534	230,534
47	TN	M	304400	Struct & Imp-Treatment-T&D	43,791	43,791	43,791	48,336	52,881	52,881
48	TN	M	304500	Structures & Improvement - General	6,193	6,193	6,193	6,836	7,478	7,478
49										
50	TN	N	304500	Structures & Improvement - General	-	-	-	-	-	-

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**STRATEGIC CAPITAL EXPENDITURE PLAN
 PROGRAM**

Business Unit Tennessee
Revision Date September 21, 2016
Description TN BP 2017-2021 SCEP

					Cumulative Balance of In-Serviced Plant, from 2017 Capex, by Period						
Line #	Business Unit No.		Project Title	Account	Account Description	1	2	3	4	5	6
51											
52	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks	-	-	-	-	-	-
53	TN	O		341200	Transportation Equip Hvy Duty Trucks	-	-	-	-	-	-
54	TN	O		341300	Transportation Equip Autos	-	-	-	-	-	-
55											
56	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment	-	-	-	-	-	-
57											
58	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	238,495	239,513	241,332	244,849	248,704	250,184
59	TN	Q		304200	Struct & Imp-Pumping	375,214	376,816	379,678	385,209	391,273	393,602
60	TN	Q		304300	Struct & Imp-Treatment	21,474	21,567	21,732	22,051	22,401	22,535
61	TN	Q		304400	Struct & Imp-Treatment-T&D	25,679	25,788	25,982	26,357	26,769	26,927
62	TN	Q		304500	Structures & Improvement - General	27,713	27,830	28,041	28,448	28,893	29,065
63	TN	Q		304700	Struct & Imp-Store,Shop,Garage	-	-	-	-	-	-
64	TN	Q		306000	Lake, River & Other Intakes	24,247	24,350	24,534	24,891	25,282	25,432
65	TN	Q		309000	Supply Mains	9,862	9,903	9,978	10,122	10,280	10,340
66	TN	Q		310000	Power Generation Equip	25,066	25,173	25,364	25,733	26,138	26,293
67	TN	Q		311200	Pump Eqp Electric	21,062	21,152	21,314	21,627	21,970	22,102
68	TN	Q		311520	Pumping Equipment SOS	852,578	856,215	862,716	875,280	889,055	894,344
69	TN	Q		320100	WT Equip Non-Media	1,870,356	1,878,337	1,892,602	1,920,169	1,950,396	1,962,001
70	TN	Q		320200	Water Trmrt Equip Filter Media	696,056	699,026	704,336	714,597	725,848	730,168
71	TN	Q		330000	Dist Reservoirs & Standpipes	-	-	-	-	-	-
72	TN	Q		331001	Transmission & Distribution Mains	-	-	-	-	-	-
73	TN	Q		334100	Meters	-	-	-	-	-	-
74	TN	Q		340200	Computer & Peripheral Equipment	-	-	-	-	-	-
75	TN	Q		343000	Tools, Shop, Garage Equipment	3,294	3,309	3,334	3,384	3,439	3,460
76	TN	Q		344000	Laboratory Equipment	1,452	1,457	1,467	1,486	1,506	1,514
77	TN	Q		345000	Power Operated Equipment	41,485	41,663	41,980	42,593	43,266	43,524
78	TN	Q		346190	Remote Control & Instrument	3,502	3,516	3,542	3,592	3,647	3,668
79	TN	Q		347000	Misc Equipment	7,793	7,826	7,884	7,997	8,120	8,168
80											
81	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	-	-	-	-	-	-
82	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	1,250,689	1,250,689	1,250,689	1,250,689	1,250,689	1,250,689
83	TN	R		320100	WT Equip Non-Media	259,932	259,932	259,932	259,932	259,932	259,932
84	TN	R		320200	Water Trmrt Equip Filter Media	52,740	52,740	52,740	52,740	52,740	52,740
85	TN	R		330000	Dist Reservoirs & Standpipes	23,045	23,045	23,045	23,045	23,045	23,045
86	TN	R		330003	Tank Repainting	338,167	338,167	338,167	338,167	338,167	338,167
87	TN	R		330100	Elevated Tanks & Standpipes	90,599	90,599	90,599	90,599	90,599	90,599
88	TN	R		330200	Ground Level Tanks	-	-	-	-	-	-
89											
90	TN	S	Engineering Studies	331001	Transmission & Distribution Mains	-	-	-	-	-	-
91			Total Recurring Projects								
92											
93			ACQUISITIONS								
94											
95			Total Acquisitions								
96											
97			CENTRALLY SPONSORED PROJECTS								
98	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	-	-	-	-	-	-
99	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	-	-	-	-	-	-
100			Total Centrally Sponsored Projects								

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Business Unit Tennessee
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Description TN BP 2017-2021 SCEP

					Cumulative Balance of In-Serviced Plant, from 2017 Capex, by Period						
Line #	Business Unit No.		Project Title	Account	Account Description	1	2	3	4	5	6
101											
102			INVESTMENT PROJECTS								
103	TN	I26-020017	Electrical Motor Efficiency Enhancement (\$2.9)			-	-	-	-	-	-
104	TN	I26-020027	Construct 1.0MG Tank & 2500-16" ER (\$1.0)			-	-	-	-	-	-
105	TN	I26-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment	6,290,400	6,290,400	6,290,400	6,290,400	6,290,400	6,290,400
106	TN	I26-020028		320100	WT Equip Non-Media	2,096,800	2,096,800	2,096,800	2,096,800	2,096,800	2,096,800
107	TN	I26-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping	14,597	14,597	14,597	14,597	14,597	14,597
108	TN	I26-020032		304300	Struct & Imp-Treatment	394,579	394,579	394,579	394,579	394,579	394,579
109	TN	I26-020032		304400	Struct & Imp-T&D	-	-	-	-	-	-
110	TN	I26-020032		304500	Structures & Improvement - General	9,103,923	9,103,923	9,103,923	9,103,923	9,103,923	9,103,923
111	TN	I26-020032		320100	WT Equip Non-Media	5,988,538	5,988,538	5,988,538	5,988,538	5,988,538	5,988,538
112	TN	I26-020032		330200	Ground Level Tanks	45,429	45,429	45,429	45,429	45,429	45,429
113	TN	I26-020032		347000	Misc Equipment	18,537	18,537	18,537	18,537	18,537	18,537
114	TN	I26-020034	Tennessee River Crossing (\$2.5)	331001	Transmission & Distribution Mains	-	-	-	-	-	-
115	TN	I26-020038	Retire Basin 1	304300	Struct & Imp-WT	-	-	-	-	-	-
116	TN	I26-020039	Basin 2 Tube Settlers			-	-	-	-	-	-
117	TN	I26-020040	Chlorine Gas Conversion			-	-	-	-	-	-
118	TN	I26-020041	Electrical - Breakers and Relays (\$0.6)	311200	Pump Eqp Electric	-	-	-	-	-	-
119	TN	I26-020042	Pumping Auxiliary Power (\$1.4)			-	-	-	-	-	-
120	TN	I26-020043	Energy Reduction and Efficiency (\$0.87)			-	-	-	-	-	-
121	TN	I26-020044	New Raw Water Intake Citico (\$13)			-	-	-	-	-	-
122	TN	I26-020045	Renovate Filter Bldg 3 (\$0.75)			-	-	-	-	-	-
123	TN	I26-020046	New Field Services Facility (\$4.5)			-	-	-	-	-	-
124	TN	I26-050001	Raw Water Intake Improvements Whitwell (\$2)			-	-	-	-	-	-
125	TN	I26-050002	Facility Upgrades at Whitwell WTP (\$0.3)			-	-	-	-	-	-
126	TN	I26-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$5)			-	-	-	-	-	-
127	TN	I26-050004	Replace 0.1 MG Storage Tank at Whitwell (\$0.3)			-	-	-	-	-	-
128	TN	I26-020002	Post Acquisition BD Capex			-	-	-	-	-	-
129	TN	I26-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains	-	-	-	-	-	-
130	TN	I26-000001		320200	Water Trmt Equip Filter Media	-	-	-	-	-	-
131	TN	I26-000001		311520	Pumping Equipment SOS	-	-	-	-	-	-
132	TN	I26-000001		340200	Computer & Peripheral Equipment	-	-	-	-	-	-
133											
134	(1) Amounts not reflected in actuals through 2016 or				Total DV Included:						
135	projections based on project costs through 2017.										
136					Total DV Excluded:						
137	(2) From prior docket #s and sourced accounts.										
138	(3) From actual or estimated in-service data provided by the company.				Total Surcharge Amt:						
139	(4) Tax depreciation rates utilized by the company.										
140					SEC Total:						
141											
142					EDI Total:						
143											
144					QIIP Total:						
145											

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**STRATEGIC CAPITAL EXPENDITURE PLAN
 PROGRAM**

Business Unit Tennessee
Revision Date September 21, 2016
Description TN BP 2017-2021 SCEP

Cumulative Balance of In-Serviced Plant, from 2017 Capex, by Period

Line #	Business Unit No.	Project Title	Account	Account Description	7	8	9	10	11	12
1		RECURRING PROJECTS								
2	TN	DV	331001	Transmission & Distribution Mains	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3	TN	DV	333000	Services	-	-	-	-	-	-
4	TN	DV	335000	Hydrants	-	-	-	-	-	-
5										
6	TN	A	331001	Transmission & Distribution Mains	884,264	884,264	884,264	884,264	884,264	884,264
7	TN	A	333000	Services	8,513	8,513	8,513	8,513	8,513	8,513
8	TN	A	334300	Meter Vaults	26,895	26,895	26,895	26,895	26,895	26,895
9	TN	A	335000	Hydrants	36,543	36,543	36,543	36,543	36,543	36,543
10										
11	TN	B	331001	Transmission & Distribution Mains	3,881,524	4,159,194	4,411,406	4,605,167	4,740,477	4,841,291
12	TN	B	333000	Services	273,737	293,324	311,115	324,782	334,327	341,438
13	TN	B	335000	Hydrants	50,524	54,135	57,414	59,934	61,693	63,004
14										
15	TN	C	331001	Transmission & Distribution Mains	4,836,071	4,910,764	4,975,686	5,031,363	5,090,358	5,171,202
16	TN	C	335000	Hydrants	5,792	5,882	5,960	6,027	6,098	6,195
17										
18	TN	D	331001	Transmission & Distribution Mains	1,611,588	1,633,624	1,644,642	1,644,642	1,644,642	1,644,642
19	TN	D	333000	Services	1,395	1,415	1,425	1,425	1,425	1,425
20	TN	D	335000	Hydrants	12,173	12,340	12,423	12,423	12,423	12,423
21										
22	TN	E	331001	Transmission & Distribution Mains	177,897	186,593	195,288	202,449	205,518	205,518
23	TN	E	335000	Hydrants	50,282	52,740	55,198	57,223	58,090	58,090
24										
25	TN	F	331001	Transmission & Distribution Mains	178,657	190,619	201,494	212,174	218,699	222,157
26	TN	F	335000	Hydrants	642,845	685,882	725,007	763,428	786,903	799,345
27										
28	TN	G	333000	Services	-	-	-	-	-	-
29										
30	TN	H	333000	Services	1,524,988	1,566,429	1,591,084	1,625,601	1,655,187	1,676,281
31	TN	H	334100	Meters	5,933	6,095	6,192	6,327	6,443	6,525
32										
33	TN	I	334100	Meters	-	-	-	-	-	-
34	TN	I	334200	Meter Installations	-	-	-	-	-	-
35										
36	TN	J	334100	Meters	404,424	424,857	444,871	459,039	472,672	482,906
37	TN	J	334200	Meter Installations	3,235,334	3,398,817	3,558,944	3,672,302	3,781,384	3,863,265
38										
39	TN	K	340200	Computer & Peripheral Equipment	-	-	-	-	-	-
40										
41	TN	L	320100	WT Equip Non-Media	319,034	319,034	319,034	319,034	319,034	319,034
42	TN	L	340200	Computer & Peripheral Equipment	58,659	58,659	58,659	58,659	58,659	58,659
43	TN	L	346100	Comm Equip Non-Telephone	48,889	48,889	48,889	48,889	48,889	48,889
44	TN	L	346190	Remote Control & Instrument	674,788	674,788	674,788	674,788	674,788	674,788
45										
46	TN	M	304300	Structures & Improvement - Treatment	238,459	266,636	290,852	301,859	301,859	301,859
47	TN	M	304400	Struct & Imp-Treatment-T&D	54,699	61,163	66,718	69,243	69,243	69,243
48	TN	M	304500	Structures & Improvement - General	7,735	8,649	9,434	9,791	9,791	9,791
49										
50	TN	N	304500	Structures & Improvement - General	-	-	-	-	-	-

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**STRATEGIC CAPITAL EXPENDITURE PLAN
 PROGRAM**

Business Unit Tennessee
Revision Date September 21, 2016
Description TN BP 2017-2021 SCEP

						Cumulative Balance of In-Serviced Plant, from 2017 Capex, by Period					
Line #	Business Unit No.		Project Title	Account	Account Description	7	8	9	10	11	12
51											
52	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks	-	-	-	-	-	-
53	TN	O		341200	Transportation Equip Hvy Duty Trucks	-	-	-	-	-	-
54	TN	O		341300	Transportation Equip Autos	-	-	-	-	-	-
55											
56	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment	-	-	-	-	-	-
57											
58	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	252,343	253,484	258,697	262,383	265,899	267,719
59	TN	Q		304200	Struct & Imp-Pumping	396,997	398,792	406,992	412,789	418,320	421,182
60	TN	Q		304300	Struct & Imp-Treatment	22,731	22,834	23,307	23,642	23,961	24,126
61	TN	Q		304400	Struct & Imp-Treatment-T&D	27,157	27,279	27,836	28,229	28,605	28,799
62	TN	Q		304500	Structures & Improvement - General	29,314	29,446	30,049	30,476	30,882	31,093
63	TN	Q		304700	Struct & Imp-Store,Shop,Garage	-	-	-	-	-	-
64	TN	Q		306000	Lake, River & Other Intakes	25,651	25,767	26,296	26,669	27,026	27,211
65	TN	Q		309000	Supply Mains	10,428	10,475	10,689	10,839	10,983	11,058
66	TN	Q		310000	Power Generation Equip	26,520	26,640	27,187	27,574	27,943	28,134
67	TN	Q		311200	Pump Eqp Electric	22,294	22,395	22,859	23,187	23,500	23,662
68	TN	Q		311520	Pumping Equipment SOS	902,058	906,135	924,760	937,929	950,493	956,994
69	TN	Q		320100	WT Equip Non-Media	1,978,927	1,987,872	2,028,739	2,057,636	2,085,203	2,099,468
70	TN	Q		320200	Water Trmt Equip Filter Media	736,468	739,797	755,009	765,765	776,026	781,336
71	TN	Q		330000	Dist Reservoirs & Standpipes	-	-	-	-	-	-
72	TN	Q		331001	Transmission & Distribution Mains	-	-	-	-	-	-
73	TN	Q		334100	Meters	-	-	-	-	-	-
74	TN	Q		340200	Computer & Peripheral Equipment	-	-	-	-	-	-
75	TN	Q		343000	Tools, Shop, Garage Equipment	3,491	3,507	3,582	3,634	3,684	3,710
76	TN	Q		344000	Laboratory Equipment	1,526	1,532	1,560	1,579	1,598	1,608
77	TN	Q		345000	Power Operated Equipment	43,900	44,099	45,008	45,651	46,264	46,581
78	TN	Q		346190	Remote Control & Instrument	3,699	3,715	3,789	3,842	3,892	3,918
79	TN	Q		347000	Misc Equipment	8,237	8,273	8,440	8,558	8,671	8,729
80											
81	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	-	-	-	-	-	-
82	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	1,250,689	1,250,689	1,250,689	1,434,157	1,701,531	1,939,632
83	TN	R		320100	WT Equip Non-Media	259,932	259,932	259,932	298,068	353,646	403,138
84	TN	R		320200	Water Trmt Equip Filter Media	52,740	52,740	52,740	60,486	71,773	81,825
85	TN	R		330000	Dist Reservoirs & Standpipes	23,045	23,045	23,045	26,415	31,327	35,701
86	TN	R		330003	Tank Repainting	338,167	338,167	338,167	387,774	460,068	524,446
87	TN	R		330100	Elevated Tanks & Standpipes	90,599	90,599	90,599	103,903	123,290	140,555
88	TN	R		330200	Ground Level Tanks	-	-	-	-	-	-
89											
90	TN	S	Engineering Studies	331001	Transmission & Distribution Mains	-	-	-	-	-	-
91			Total Recurring Projects								
92											
93			ACQUISITIONS								
94											
95			Total Acquisitions								
96											
97			CENTRALLY SPONSORED PROJECTS								
98	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	-	-	-	-	-	-
99	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	-	-	-	-	-	-
100			Total Centrally Sponsored Projects								

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM**

Business Unit Tennessee
Revision Date September 21, 2016
Description TN BP 2017-2021 SCEP

					Cumulative Balance of In-Serviced Plant, from 2017 Capex, by Period						
Line #	Business Unit No.		Project Title	Account	Account Description	7	8	9	10	11	12
101											
102			INVESTMENT PROJECTS								
103	TN	I26-020017	Electrical Motor Efficiency Enhancement (\$2.9)			-	-	-	-	-	-
104	TN	I26-020027	Construct 1.0MG Tank & 2500-16" ER (\$1.0)			-	-	-	-	-	-
105	TN	I26-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment	6,290,400	6,290,400	6,290,400	6,290,400	6,290,400	6,290,400
106	TN	I26-020028		320100	WT Equip Non-Media	2,096,800	2,096,800	2,096,800	2,096,800	2,096,800	2,096,800
107	TN	I26-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping	14,597	14,597	14,597	14,597	14,597	14,597
108	TN	I26-020032		304300	Struct & Imp-Treatment	394,579	394,579	394,579	394,579	394,579	394,579
109	TN	I26-020032		304400	Struct & Imp-T&D	-	-	-	-	-	-
110	TN	I26-020032		304500	Structures & Improvement - General	9,103,923	9,103,923	9,103,923	9,103,923	9,103,923	9,103,923
111	TN	I26-020032		320100	WT Equip Non-Media	5,988,538	5,988,538	5,988,538	5,988,538	5,988,538	5,988,538
112	TN	I26-020032		330200	Ground Level Tanks	45,429	45,429	45,429	45,429	45,429	45,429
113	TN	I26-020032		347000	Misc Equipment	18,537	18,537	18,537	18,537	18,537	18,537
114	TN	I26-020034	Tennessee River Crossing (\$2.5)	331001	Transmission & Distribution Mains	-	-	-	-	-	-
115	TN	I26-020038	Retire Basin 1	304300	Struct & Imp-WT	-	-	-	-	-	-
116	TN	I26-020039	Basin 2 Tube Settlers			-	-	-	-	-	-
117	TN	I26-020040	Chlorine Gas Conversion			-	-	-	-	-	-
118	TN	I26-020041	Electrical - Breakers and Relays (\$0.6)	311200	Pump Eqp Electric	-	-	-	-	-	-
119	TN	I26-020042	Pumping Auxiliary Power (\$1.4)			-	-	-	-	-	-
120	TN	I26-020043	Energy Reduction and Efficiency (\$0.87)			-	-	-	-	-	-
121	TN	I26-020044	New Raw Water Intake Citico (\$13)			-	-	-	-	-	-
122	TN	I26-020045	Renovate Filter Bldg 3 (\$0.75)			-	-	-	-	-	-
123	TN	I26-020046	New Field Services Facility (\$4.5)			-	-	-	-	-	-
124	TN	I26-050001	Raw Water Intake Improvements Whitwell (\$2)			-	-	-	-	-	-
125	TN	I26-050002	Facility Upgrades at Whitwell WTP (\$0.3)			-	-	-	-	-	-
126	TN	I26-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$5)			-	-	-	-	-	-
127	TN	I26-050004	Replace 0.1 MG Storage Tank at Whitwell (\$0.3)			-	-	-	-	-	-
128	TN	I26-020002	Post Acquisition BD Capex			-	-	-	-	-	-
129	TN	I26-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains	-	-	-	-	-	-
130	TN	I26-000001		320200	Water Trmt Equip Filter Media	-	-	-	-	-	-
131	TN	I26-000001		311520	Pumping Equipment SOS	-	-	-	-	-	-
132	TN	I26-000001		340200	Computer & Peripheral Equipment	-	-	-	-	-	-
133											
134	(1) Amounts not reflected in actuals through 2016 or					Total DV Included:					53,677,612
135	projections based on project costs through 2017.										
136						Total DV Excluded:					53,677,612
137	(2) From prior docket #s and sourced accounts.										
138	(3) From actual or estimated in-service data provided by the company.					Total Surcharge Amt:					53,677,612
139	(4) Tax depreciation rates utilized by the company.										
140						SEC Total:					21,813,192
141											
142						EDI Total:					1,219,824
143											
144						QIIP Total:					30,644,596
145											

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date September 21, 2016
Description TN BP 2017-2021 SCEP

Description						2017					
Line #	Business Unit No.		Project Title	Account	Account Description	Surcharge	Average Plant in Service	Average Retires (Replacement Projects Only)	Average CIAC	Depreciation Expense	Cost of Removal Less Salvage
1			RECURRING PROJECTS								
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains		\$ -	\$ -	\$ -	\$ -	\$ -
3	TN	DV		333000	Services		-	-	-	-	-
4	TN	DV		335000	Hydrants		-	-	-	-	-
5											
6	TN	A	Mains - New	331001	Transmission & Distribution Mains	EDI	810,992	-	-	10,137	-
7	TN	A		333000	Services	EDI	7,808	-	-	87	-
8	TN	A		334300	Meter Vaults	EDI	24,668	-	-	673	-
9	TN	A		335000	Hydrants	EDI	33,517	-	-	771	-
10											
11	TN	B	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	QIIP	3,633,700	(137,689)	-	43,700	47,199
12	TN	B		333000	Services	QIIP	256,256	-	-	2,844	43,766
13	TN	B		335000	Hydrants	QIIP	47,302	(2,022)	-	1,041	913
14											
15	TN	C	Mains - Unscheduled	331001	Transmission & Distribution Mains	QIIP	4,740,034	(135,306)	-	57,559	470,865
16	TN	C		335000	Hydrants	QIIP	5,677	-	-	131	-
17											
18	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains	QIIP	1,591,248	(129,209)	(493,440)	12,107	122,355
19	TN	D		333000	Services	QIIP	1,376	-	-	15	48,961
20	TN	D		335000	Hydrants	QIIP	12,019	(66,209)	-	(1,246)	-
21											
22	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	EDI	174,718	-	-	2,184	-
23	TN	E		335000	Hydrants	EDI	49,383	(1,056)	(3,845)	1,023	1,117
24											
25	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	QIIP	175,545	(21,234)	-	1,929	53,231
26	TN	F		335000	Hydrants	QIIP	631,649	(46,757)	-	13,453	743
27											
28	TN	G	Services and Laterals - New	333000	Services		-	-	(36,980)	(410)	-
29											
30	TN	H	Services and Laterals - Replaced	333000	Services	QIIP	1,471,581	(31,161)	-	15,989	373,862
31	TN	H		334100	Meters	QIIP	5,724	(7,403)	-	(125)	11,152
32											
33	TN	I	Meters - New	334100	Meters		-	-	-	-	-
34	TN	I		334200	Meter Installations		-	-	-	-	-
35											
36	TN	J	Meters - Replaced	334100	Meters	QIIP	386,600	(346,600)	-	2,988	126,293
37	TN	J		334200	Meter Installations	QIIP	3,092,728	(28,421)	-	83,656	687,678
38											
39	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment		-	-	-	-	-
40											
41	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media	SEC	299,535	(13,533)	-	3,117	6,494
42	TN	L		340200	Computer & Peripheral Equipment	SEC	55,071	-	-	1,206	-
43	TN	L		346100	Comm Equip Non-Telephone	SEC	45,901	-	-	1,932	-
44	TN	L		346190	Remote Control & Instrument	SEC	633,555	(60,338)	-	24,132	3,061
45											
46	TN	M	Security Equipment and Systems	304300	Structures & Improvement - Treatment	SEC	241,303	(7,326)	-	9,616	2,493
47	TN	M		304400	Struct & Imp-Treatment-T&D	SEC	55,351	-	-	1,179	-
48	TN	M		304500	Structures & Improvement - General	SEC	7,827	-	-	88	-
49											
50	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General		-	-	-	-	-

Tennessee American Water Company
 Qualified Infrastructure Improvement Program
 Economic Development Rider
 Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
 PROGRAM**

Business Unit Tennessee
Revision Date September 21, 2016
Description TN BP 2017-2021 SCEP

2017

Line #	Business Unit No.		Project Title	Account	Account Description	Surcharge	Average Plant in Service	Average Retires (Replacement Projects Only)	Average CIAC	Depreciation Expense	Cost of Removal Less Salvage
51											
52	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks		-	-	-	-	-
53	TN	O		341200	Transportation Equip Hvy Duty Trucks		-	-	-	-	-
54	TN	O		341300	Transportation Equip Autos		-	-	-	-	-
55											
56	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment		-	-	-	-	-
57											
58	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	SEC	250,931	-	-	4,968	874
59	TN	Q		304200	Struct & Imp-Pumping	SEC	394,775	(23,900)	-	7,343	11,123
60	TN	Q		304300	Struct & Imp-Treatment	SEC	22,603	(5,863)	-	688	2,254
61	TN	Q		304400	Struct & Imp-Treatment-T&D	SEC	27,007	-	-	575	-
62	TN	Q		304500	Structures & Improvement - General	SEC	29,151	-	-	329	277
63	TN	Q		304700	Struct & Imp-Store,Shop,Garage	SEC	-	(7,869)	-	(57)	1
64	TN	Q		306000	Lake, River & Other Intakes	SEC	25,508	-	-	212	313
65	TN	Q		309000	Supply Mains	SEC	10,371	-	-	194	-
66	TN	Q		310000	Power Generation Equip	SEC	26,372	-	-	3,252	115
67	TN	Q		311200	Pump Eqp Electric	SEC	22,168	(59,020)	-	(903)	6,484
68	TN	Q		311520	Pumping Equipment SOS	SEC	897,010	(62,778)	-	15,266	10,262
69	TN	Q		320100	WT Equip Non-Media	SEC	1,967,851	(351,021)	-	17,623	306,014
70	TN	Q		320200	Water Trmt Equip Filter Media	SEC	732,345	(377,873)	-	119,422	411,495
71	TN	Q		330000	Dist Reservoirs & Standpipes	SEC	-	(0)	-	(0)	-
72	TN	Q		331001	Transmission & Distribution Mains	SEC	-	-	-	-	-
73	TN	Q		334100	Meters	SEC	-	-	-	-	-
74	TN	Q		340200	Computer & Peripheral Equipment	SEC	-	(0)	-	(0)	105
75	TN	Q		343000	Tools, Shop, Garage Equipment	SEC	3,471	(2,875)	-	41	-
76	TN	Q		344000	Laboratory Equipment	SEC	1,518	(157,713)	-	(1,578)	1,088
77	TN	Q		345000	Power Operated Equipment	SEC	43,654	(11,976)	-	2,227	1,779
78	TN	Q		346190	Remote Control & Instrument	SEC	3,679	(3,284)	-	17	-
79	TN	Q		347000	Misc Equipment	SEC	8,191	(2,000)	-	392	2,699
80											
81	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	QIIP	-	(94,900)	-	(3,900)	-
82	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	QIIP	1,352,478	(217,040)	-	136,934	844,106
83	TN	R		320100	WT Equip Non-Media	QIIP	281,090	(157,882)	-	1,343	114,152
84	TN	R		320200	Water Trmt Equip Filter Media	QIIP	57,037	(46,410)	-	3,580	263,392
85	TN	R		330000	Dist Reservoirs & Standpipes	QIIP	24,915	-	-	518	0
86	TN	R		330003	Tank Repainting	QIIP	365,689	(139,780)	-	25,031	262,622
87	TN	R		330100	Elevated Tanks & Standpipes	QIIP	97,980	-	-	2,685	-
88	TN	R		330200	Ground Level Tanks	QIIP	-	(446)	-	(12)	977
89											
90	TN	S	Engineering Studies	331001	Transmission & Distribution Mains		-	-	-	-	-
91			Total Recurring Projects								
92											
93			ACQUISITIONS								
94											
95			Total Acquisitions								
96											
97			CENTRALLY SPONSORED PROJECTS								
98	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		-			-	
99	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		-			-	
100			Total Centrally Sponsored Projects								

Tennessee American Water Company
 Qualified Infrastructure Improvement Program
 Economic Development Rider
 Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
 PROGRAM**

Business Unit Tennessee
 Revision Date September 21, 2016
 Description TN BP 2017-2021 SCEP

2017

Line #	Business Unit No.	Project Title	Account	Account Description	Surcharge	Average Plant in Service	Average Retires (Replacement Projects Only)	Average CIAC	Depreciation Expense	Cost of Removal Less Salvage
101										
102		INVESTMENT PROJECTS								
103	TN	I26-020017		Electrical Motor Efficiency Enhancement (\$2.9)	SEC	-			-	
104	TN	I26-020027		Construct 1.0MG Tank & 2500-16" ER (\$1.0)	EDI	-			-	
105	TN	I26-020028	304300	Citico Plant Improvements Phase 1B (\$8.6)	QIIP	6,290,400	(42,385) (1)		256,793	850,267 (1)
106	TN	I26-020028	320100	WT Equip Non-Media	QIIP	2,096,800			22,855	
107	TN	I26-020032	304200	Wastewater Treatm't & Handling Impr (\$15.3)	SEC	14,597	(14,622)		(1)	375,638 (1)
108	TN	I26-020032	304300	Struct & Imp-Treatment	SEC	394,579	(54,346)		13,984	1,396,120 (1)
109	TN	I26-020032	304400	Struct & Imp-T&D	SEC	-			-	
110	TN	I26-020032	304500	Structures & Improvement - General	SEC	9,103,923			102,874	
111	TN	I26-020032	320100	WT Equip Non-Media	SEC	5,988,538	(305)		65,272	7,834 (1)
112	TN	I26-020032	330200	Ground Level Tanks	SEC	45,429			1,245	
113	TN	I26-020032	347000	Misc Equipment	SEC	18,537			1,173	
114	TN	I26-020034	331001	Tennessee River Crossing (\$2.5)	QIIP	-			-	
115	TN	I26-020038	304300	Retire Basin 1	SEC	-			-	
116	TN	I26-020039		Basin 2 Tube Settlers	SEC	-			-	
117	TN	I26-020040		Chlorine Gas Conversion	SEC	-			-	
118	TN	I26-020041	311200	Electrical - Breakers and Relays (\$0.6)	QIIP	-			-	
119	TN	I26-020042		Pumping Auxiliary Power (\$1.4)	SEC	-			-	
120	TN	I26-020043		Energy Reduction and Efficiency (\$0.87)	QIIP	-			-	
121	TN	I26-020044		New Raw Water Intake Citico (\$13)	SEC	-			-	
122	TN	I26-020045		Renovate Filter Bldg 3 (\$0.75)	QIIP	-			-	
123	TN	I26-020046		New Field Services Facility (\$4.5)		-			-	
124	TN	I26-050001		Raw Water Intake Improvements Whitwell (\$2)	SEC	-			-	
125	TN	I26-050002		Facility Upgrades at Whitwell WTP (\$0.3)	SEC	-			-	
126	TN	I26-050003		Replace 0.5 MG Storage Tanks at Whitwell (\$0.5)	SEC	-			-	
127	TN	I26-050004		Replace 0.1 MG Storage Tank at Whitwell (\$0.3)	SEC	-			-	
128	TN	I26-020002		Post Acquisition BD Capex		-			-	
129	TN	I26-000001	331001	Whitwell Acquisition Capital Investment	QIIP	-			-	
130	TN	I26-000001	320200	Water Trmt Equip Filter Media	QIIP	-			-	
131	TN	I26-000001	311520	Pumping Equipment SOS	QIIP	-			-	
132	TN	I26-000001	340200	Computer & Peripheral Equipment	QIIP	-			-	
133										
134		(1) Amounts not reflected in actuals through 2016 or		Total DV Included:		\$ 49,089,666	\$ (2,868,552)	\$ (534,265)	\$ 1,090,163	\$ 6,870,174
135		projections based on project costs through 2017.								
136				Total DV Excluded:		\$ 49,089,666	\$ (2,868,552)	\$ (534,265)	\$ 1,090,163	\$ 6,870,174
137		(2) From prior docket #s and sourced accounts.								
138		(3) From actual or estimated in-service data provided by the company.		Total Surcharge Amt:		\$ 49,089,666	\$ (2,868,552)	\$ (497,284)	\$ 1,090,574	\$ 6,870,174
139		(4) Tax depreciation rates utilized by the company.								
140				SEC Total:		\$ 21,370,751	\$ (1,216,644)	\$ -	\$ 395,831	\$ 2,546,524
141										
142				EDI Total:		\$ 1,101,086	\$ (1,056)	\$ (3,845)	\$ 14,875	\$ 1,117
143										
144				QIIP Total:		\$ 26,617,829	\$ (1,650,853)	\$ (493,440)	\$ 679,867	\$ 4,322,533
145										

Tennessee American Water Company
 Qualified Infrastructure Improvement Program
 Economic Development Rider
 Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
 PROGRAM**

Business Unit Tennessee
Revision Date September 21, 2016
Description TN BP 2017-2021 SCEP

Line #	Business Unit No.	Project Title	Account	Account Description	Tax Depr class life	Y1 Tax Depr Rate (4)	Y2 Tax Depr Rate (4)	Y3 Tax Depr Rate (4)	Y4 Tax Depr Rate (4)	Tax Depreciation	Tax over Book Depreciation	Tax Rate	Depreciation Deferred Tax (DTA, (DTL))
1		RECURRING PROJECTS											
2	TN	DV	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	0.04	0.04	-	-	0.39225	-
3	TN	DV	333000	Services	25 yr	0.02	0.04	0.04	0.04	-	-	0.39225	-
4	TN	DV	335000	Hydrants	25 yr	0.02	0.04	0.04	0.04	-	-	0.39225	-
5													
6	TN	A	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	0.04	0.04	29,637	19,499	0.39225	(7,649)
7	TN	A	333000	Services	25 yr	0.02	0.04	0.04	0.04	285	199	0.39225	(78)
8	TN	A	334300	Meter Vaults	25 yr	0.02	0.04	0.04	0.04	902	228	0.39225	(89)
9	TN	A	335000	Hydrants	25 yr	0.02	0.04	0.04	0.04	1,225	454	0.39225	(178)
10													
11	TN	B	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	0.04	0.04	147,273	103,573	0.39225	(40,627)
12	TN	B	333000	Services	25 yr	0.02	0.04	0.04	0.04	10,386	7,542	0.39225	(2,958)
13	TN	B	335000	Hydrants	25 yr	0.02	0.04	0.04	0.04	1,917	876	0.39225	(343)
14													
15	TN	C	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	0.04	0.04	186,600	129,041	0.39225	(50,616)
16	TN	C	335000	Hydrants	25 yr	0.02	0.04	0.04	0.04	223	93	0.39225	(36)
17													
18	TN	D	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	0.04	0.04	63,802	51,695	0.39225	(20,277)
19	TN	D	333000	Services	25 yr	0.02	0.04	0.04	0.04	55	40	0.39225	(16)
20	TN	D	335000	Hydrants	25 yr	0.02	0.04	0.04	0.04	482	1,728	0.39225	(678)
21													
22	TN	E	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	0.04	0.04	7,061	4,877	0.39225	(1,913)
23	TN	E	335000	Hydrants	25 yr	0.02	0.04	0.04	0.04	1,996	973	0.39225	(381)
24													
25	TN	F	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	0.04	0.04	7,259	5,330	0.39225	(2,091)
26	TN	F	335000	Hydrants	25 yr	0.02	0.04	0.04	0.04	26,119	12,667	0.39225	(4,968)
27													
28	TN	G	333000	Services	25 yr	0.02	0.04	0.04	0.04	-	410	0.39225	(161)
29													
30	TN	H	333000	Services	25 yr	0.02	0.04	0.04	0.04	59,112	43,124	0.39225	(16,915)
31	TN	H	334100	Meters	25 yr	0.02	0.04	0.04	0.04	230	355	0.39225	(139)
32													
33	TN	I	334100	Meters	25 yr	0.02	0.04	0.04	0.04	-	-	0.39225	-
34	TN	I	334200	Meter Installations	25 yr	0.02	0.04	0.04	0.04	-	-	0.39225	-
35													
36	TN	J	334100	Meters	25 yr	0.02	0.04	0.04	0.04	15,566	12,578	0.39225	(4,934)
37	TN	J	334200	Meter Installations	25 yr	0.02	0.04	0.04	0.04	124,524	40,869	0.39225	(16,031)
38													
39	TN	K	340200	Computer & Peripheral Equipment	5 yr	0.2	0.32	0.192	0.1152	-	-	0.39225	-
40													
41	TN	L	320100	WT Equip Non-Media	25 yr	0.02	0.04	0.04	0.04	11,747	8,630	0.39225	(3,385)
42	TN	L	340200	Computer & Peripheral Equipment	5 yr	0.2	0.32	0.192	0.1152	16,330	15,124	0.39225	(5,932)
43	TN	L	346100	Comm Equip Non-Telephone	5 yr	0.2	0.32	0.192	0.1152	5,046	3,114	0.39225	(1,221)
44	TN	L	346190	Remote Control & Instrument	5 yr	0.2	0.32	0.192	0.1152	136,037	111,905	0.39225	(43,895)
45													
46	TN	M	304300	Structures & Improvement - Treatment	39 yr	0.01282	0.02564	0.02564	0.02564	6,317	(3,299)	0.39225	1,294
47	TN	M	304400	Struct & Imp-Treatment-T&D	39 yr	0.01282	0.02564	0.02564	0.02564	1,449	270	0.39225	(106)
48	TN	M	304500	Structures & Improvement - General	39 yr	0.01282	0.02564	0.02564	0.02564	364	275	0.39225	(108)
49													
50	TN	N	304500	Structures & Improvement - General	39 yr	0.01282	0.02564	0.02564	0.02564	-	-	0.39225	-

Tennessee American Water Company
 Qualified Infrastructure Improvement Program
 Economic Development Rider
 Safety and Environmental Compliance Rider

**STRATEGIC CAPITAL EXPENDITURE PLAN
 PROGRAM**

Business Unit Tennessee
Revision Date September 21, 2016
Description TN BP 2017-2021 SCEP

Line #	Business Unit		Project Title	Account	Account Description	Tax Depr class life	Y1 Tax Depr Rate (4)	Y2 Tax Depr Rate (4)	Y3 Tax Depr Rate (4)	Y4 Tax Depr Rate (4)	Tax Depreciation	Tax over Book Depreciation	Tax Rate	Depreciation Deferred Tax (DTA, DTL))
51														
52	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks	5 yr	0.2	0.32	0.192	0.1152	-	-	0.39225	-
53	TN	O		341200	Transportation Equip Hvy Duty Trucks	5 yr	0.2	0.32	0.192	0.1152	-	-	0.39225	-
54	TN	O		341300	Transportation Equip Autos	5 yr	0.2	0.32	0.192	0.1152	-	-	0.39225	-
55														
56	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment	25 yr	0.02	0.04	0.04	0.04	-	-	0.39225	-
57														
58	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	39 yr	0.01282	0.02564	0.02564	0.02564	6,490	1,521	0.39225	(597)
59	TN	Q		304200	Struct & Imp-Pumping	39 yr	0.01282	0.02564	0.02564	0.02564	10,210	2,866	0.39225	(1,124)
60	TN	Q		304300	Struct & Imp-Treatment	39 yr	0.01282	0.02564	0.02564	0.02564	585	(103)	0.39225	41
61	TN	Q		304400	Struct & Imp-Treatment-T&D	39 yr	0.01282	0.02564	0.02564	0.02564	698	123	0.39225	(48)
62	TN	Q		304500	Structures & Improvement - General	39 yr	0.01282	0.02564	0.02564	0.02564	754	424	0.39225	(167)
63	TN	Q		304700	Struct & Imp-Store,Shop,Garage	39 yr	0.01282	0.02564	0.02564	0.02564	-	57	0.39225	(23)
64	TN	Q		306000	Lake, River & Other Intakes	25 yr	0.02	0.04	0.04	0.04	1,029	817	0.39225	(321)
65	TN	Q		309000	Supply Mains	25 yr	0.02	0.04	0.04	0.04	418	224	0.39225	(88)
66	TN	Q		310000	Power Generation Equip	25 yr	0.02	0.04	0.04	0.04	1,064	(2,188)	0.39225	858
67	TN	Q		311200	Pump Equip Electric	25 yr	0.02	0.04	0.04	0.04	894	1,797	0.39225	(705)
68	TN	Q		311520	Pumping Equipment SOS	25 yr	0.02	0.04	0.04	0.04	36,191	20,925	0.39225	(8,208)
69	TN	Q		320100	WT Equip Non-Media	25 yr	0.02	0.04	0.04	0.04	79,396	61,773	0.39225	(24,230)
70	TN	Q		320200	Water Trmt Equip Filter Media	25 yr	0.02	0.04	0.04	0.04	29,548	(89,874)	0.39225	35,253
71	TN	Q		330000	Dist Reservoirs & Standpipes	25 yr	0.02	0.04	0.04	0.04	-	0	0.39225	(0)
72	TN	Q		331001	Transmission & Distribution Mains	25 yr	0.02	0.04	0.04	0.04	-	-	0.39225	-
73	TN	Q		334100	Meters	25 yr	0.02	0.04	0.04	0.04	-	-	0.39225	-
74	TN	Q		340200	Computer & Peripheral Equipment	5 yr	0.2	0.32	0.192	0.1152	-	0	0.39225	(0)
75	TN	Q		343000	Tools, Shop, Garage Equipment	25 yr	0.02	0.04	0.04	0.04	140	99	0.39225	(39)
76	TN	Q		344000	Laboratory Equipment	25 yr	0.02	0.04	0.04	0.04	61	1,639	0.39225	(643)
77	TN	Q		345000	Power Operated Equipment	25 yr	0.02	0.04	0.04	0.04	1,761	(466)	0.39225	183
78	TN	Q		346190	Remote Control & Instrument	5 yr	0.2	0.32	0.192	0.1152	755	739	0.39225	(290)
79	TN	Q		347000	Misc Equipment	25 yr	0.02	0.04	0.04	0.04	330	(61)	0.39225	24
80														
81	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	39 yr	0.01282	0.02564	0.02564	0.02564	-	3,900	0.39225	(1,530)
82	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	39 yr	0.01282	0.02564	0.02564	0.02564	40,900	(96,034)	0.39225	37,669
83	TN	R		320100	WT Equip Non-Media	25 yr	0.02	0.04	0.04	0.04	13,261	11,918	0.39225	(4,675)
84	TN	R		320200	Water Trmt Equip Filter Media	25 yr	0.02	0.04	0.04	0.04	2,691	(889)	0.39225	349
85	TN	R		330000	Dist Reservoirs & Standpipes	25 yr	0.02	0.04	0.04	0.04	1,175	657	0.39225	(258)
86	TN	R		330003	Tank Repainting	25 yr	0.02	0.04	0.04	0.04	17,252	(7,778)	0.39225	3,051
87	TN	R		330100	Elevated Tanks & Standpipes	25 yr	0.02	0.04	0.04	0.04	4,623	1,938	0.39225	(760)
88	TN	R		330200	Ground Level Tanks	25 yr	0.02	0.04	0.04	0.04	-	12	0.39225	(5)
89														
90	TN	S	Engineering Studies	331001	Transmission & Distribution Mains	25 yr	0.02	0.04	0.04	0.04	-	-	0.39225	-
91			Total Recurring Projects											
92														
93			ACQUISITIONS											
94														
95			Total Acquisitions											
96														
97			CENTRALLY SPONSORED PROJECTS											
98	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	3 yr	0.3333	0.3333	0.3334		-	-	0.39225	-
99	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate									
100			Total Centrally Sponsored Projects											

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 Qualified Infrastructure Improvement Program
 Economic Development Rider
 Safety and Environmental Compliance Rider

STRATEGIC CAPITAL EXPENDITURE PLAN
 PROGRAM

Business Unit Tennessee
 Revision Date September 21, 2016
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Line #	Business Unit No.	Project Title	Account	Account Description	Tax Depr class life	Y1 Tax Depr Rate (4)	Y2 Tax Depr Rate (4)	Y3 Tax Depr Rate (4)	Y4 Tax Depr Rate (4)	Tax Depreciation	Tax over Book Depreciation	Tax Rate	Depreciation Deferred Tax (DTA, (DTL))
101													
102		INVESTMENT PROJECTS											
103	TN	I26-020017		Electrical Motor Efficiency Enhancement (\$2.9)									-
104	TN	I26-020027		Construct 1.0MG Tank & 2500-16" ER (\$1.0)									
105	TN	I26-020028	304300	Citico Plant Improvements Phase 1B (\$8.6)	39 yr	0.01282	0.02564	0.02564	0.02564	161,286	(95,508)	0.39225	37,463
106	TN	I26-020028	320100	WT Equip Non-Media	25 yr	0.02	0.04	0.04	0.04	83,872	61,017	0.39225	(23,934)
107	TN	I26-020032	304200	Wastewater Treatm't & Handling Impr (\$15.3)	39 yr	0.01282	0.02564	0.02564	0.02564	374	375	0.39225	(147)
108	TN	I26-020032	304300	Struct & Imp-Treatment	39 yr	0.01282	0.02564	0.02564	0.02564	10,117	(3,867)	0.39225	1,517
109	TN	I26-020032	304400	Struct & Imp-T&D	39 yr	0.01282	0.02564	0.02564	0.02564	-	-	0.39225	-
110	TN	I26-020032	304500	Structures & Improvement - General	39 yr	0.01282	0.02564	0.02564	0.02564	233,425	130,550	0.39225	(51,208)
111	TN	I26-020032	320100	WT Equip Non-Media	25 yr	0.02	0.04	0.04	0.04	239,542	174,270	0.39225	(68,357)
112	TN	I26-020032	330200	Ground Level Tanks	25 yr	0.02	0.04	0.04	0.04	1,817	572	0.39225	(225)
113	TN	I26-020032	347000	Misc Equipment	25 yr	0.02	0.04	0.04	0.04	741	(432)	0.39225	169
114	TN	I26-020034	331001	Tennessee River Crossing (\$2.5)	25 yr	0.02	0.04	0.04	0.04	-	-	0.39225	-
115	TN	I26-020038	304300	Retire Basin 1	39 yr	0.01282	0.02564	0.02564	0.02564	-	-	0.39225	-
116	TN	I26-020039		Basin 2 Tube Settlers									
117	TN	I26-020040		Chlorine Gas Conversion									
118	TN	I26-020041	311200	Electrical - Breakers and Relays (\$0.6)	25 yr	0.02	0.04	0.04	0.04	-	-	0.39225	-
119	TN	I26-020042		Pumping Auxiliary Power (\$1.4)									
120	TN	I26-020043		Energy Reduction and Efficiency (\$0.87)									
121	TN	I26-020044		New Raw Water Intake Citico (\$13)									
122	TN	I26-020045		Renovate Filter Bldg 3 (\$0.75)									
123	TN	I26-020046		New Field Services Facility (\$4.5)									
124	TN	I26-050001		Raw Water Intake Improvements Whitwell (\$2)									
125	TN	I26-050002		Facility Upgrades at Whitwell WTP (\$0.3)									
126	TN	I26-050003		Replace 0.5 MG Storage Tanks at Whitwell (\$.5)									
127	TN	I26-050004		Replace 0.1 MG Storage Tank at Whitwell (\$0.3)									
128	TN	I26-020002		Post Acquisition BD Capex									
129	TN	I26-000001	331001	Whitwell Acquisition Capital Investment	25 yr	0.02	0.04	0.04	0.04	-	-	0.39225	-
130	TN	I26-000001	320200	Water Trmt Equip Filter Media	25 yr	0.02	0.04	0.04	0.04	-	-	0.39225	-
131	TN	I26-000001	311520	Pumping Equipment SOS	25 yr	0.02	0.04	0.04	0.04	-	-	0.39225	-
132	TN	I26-000001	340200	Computer & Peripheral Equipment	5 yr	0.2	0.32	0.192	0.1152	-	-	0.39225	-
133													
134		(1) Amounts not reflected in actuals through 2016 or		Total DV Included:						\$ 1,843,350	\$ 753,187		\$ (295,437)
135		projections based on project costs through 2017.											
136				Total DV Excluded:						\$ 1,843,350	\$ 753,187		\$ (295,437)
137		(2) From prior docket #s and sourced accounts.											
138		(3) From actual or estimated in-service data provided by the company.		Total Surcharge Amt:						\$ 1,843,350	\$ 752,776		\$ (295,276)
139		(4) Tax depreciation rates utilized by the company.											
140				SEC Total:						\$ 833,634	\$ 437,802		\$ (171,728)
141													
142				EDI Total:						\$ 41,105	\$ 26,229		\$ (10,289)
143													
144				QIIP Total:						\$ 968,611	\$ 288,744		\$ (113,260)
145													

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 Safety and Environmental Compliance Rider

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Business Unit Tennessee
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Line #	Business Unit No.		Project Title	Account	Account Description	NOTES	Average Accum Depreciation	Average Depreciation Deferred Tax (DTA, (DTL))
1			RECURRING PROJECTS					
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains	This should be zero if related to non-taxable	\$ -	\$ -
3	TN	DV		333000	Services	This should be zero if related to non-taxable	0	0
4	TN	DV		335000	Hydrants	This should be zero if related to non-taxable	0	0
5								
6	TN	A	Mains - New	331001	Transmission & Distribution Mains		(15,264)	(11,672)
7	TN	A		333000	Services		(127)	(101)
8	TN	A		334300	Meter Vaults		(757)	(23)
9	TN	A		335000	Hydrants		(995)	(221)
10								
11	TN	B	Mains - Replaced / Restored	331001	Transmission & Distribution Mains		(63,718)	(59,902)
12	TN	B		333000	Services		(4,252)	(4,634)
13	TN	B		335000	Hydrants		(1,908)	(506)
14								
15	TN	C	Mains - Unscheduled	331001	Transmission & Distribution Mains		(89,794)	(74,729)
16	TN	C		335000	Hydrants		(248)	15
17								
18	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains		(21,513)	(35,368)
19	TN	D		333000	Services		(32)	(32)
20	TN	D		335000	Hydrants		3,222	(1,564)
21								
22	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains		(3,323)	(3,213)
23	TN	E		335000	Hydrants		(3,119)	(401)
24								
25	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains		(2,782)	(3,520)
26	TN	F		335000	Hydrants		(26,699)	(7,522)
27								
28	TN	G	Services and Laterals - New	333000	Services		(3,174)	(1,143)
29								
30	TN	H	Services and Laterals - Replaced	333000	Services		(29,588)	(28,724)
31	TN	H		334100	Meters		96	(122)
32								
33	TN	I	Meters - New	334100	Meters		(6,433)	1,848
34	TN	I		334200	Meter Installations		(1,458)	153
35								
36	TN	J	Meters - Replaced	334100	Meters		(47,751)	8,403
37	TN	J		334200	Meter Installations		(120,638)	(25,322)
38								
39	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment		0	0
40								
41	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media		(8,869)	(8,491)
42	TN	L		340200	Computer & Peripheral Equipment		(897)	(7,006)
43	TN	L		346100	Comm Equip Non-Telephone		(5,415)	(8,220)
44	TN	L		346190	Remote Control & Instrument		(38,819)	(113,131)
45								
46	TN	M	Security Equipment and Systems	304300	Structures & Improvement - Treatment		(10,816)	720
47	TN	M		304400	Struct & Imp-Treatment-T&D		(661)	(245)
48	TN	M		304500	Structures & Improvement - General		(184)	(124)
49								
50	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General		0	0

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Line #	Business Unit No.		Project Title	Account	Account Description	NOTES	Average Accum Depreciation	Average Depreciation Deferred Tax (DTA, (DTL))
51								
52	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks		0	0
53	TN	O		341200	Transportation Equip Hvy Duty Trucks		0	0
54	TN	O		341300	Transportation Equip Autos		0	0
55								
56	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment		0	0
57								
58	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply		(8,579)	(1,259)
59	TN	Q		304200	Struct & Imp-Pumping		(6,860)	(1,198)
60	TN	Q		304300	Struct & Imp-Treatment		(586)	(50)
61	TN	Q		304400	Struct & Imp-Treatment-T&D		(877)	(180)
62	TN	Q		304500	Structures & Improvement - General		(651)	(311)
63	TN	Q		304700	Struct & Imp-Store,Shop,Garage		120	(47)
64	TN	Q		306000	Lake, River & Other Intakes		(245)	(296)
65	TN	Q		309000	Supply Mains		(543)	(179)
66	TN	Q		310000	Power Generation Equip		(9,884)	1,560
67	TN	Q		311200	Pump Eqp Electric		1,160	(1,064)
68	TN	Q		311520	Pumping Equipment SOS		(24,152)	(13,014)
69	TN	Q		320100	WT Equip Non-Media		(38,663)	(46,523)
70	TN	Q		320200	Water Trmt Equip Filter Media		(286,517)	90,243
71	TN	Q		330000	Dist Reservoirs & Standpipes		0	(0)
72	TN	Q		331001	Transmission & Distribution Mains		0	0
73	TN	Q		334100	Meters		0	0
74	TN	Q		340200	Computer & Peripheral Equipment		0	(0)
75	TN	Q		343000	Tools, Shop, Garage Equipment		(52)	(33)
76	TN	Q		344000	Laboratory Equipment		3,898	(1,454)
77	TN	Q		345000	Power Operated Equipment		(5,380)	788
78	TN	Q		346190	Remote Control & Instrument		(87)	(828)
79	TN	Q		347000	Misc Equipment		(1,044)	161
80								
81	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment		9,456	(3,701)
82	TN	R		304301	Struct & Imp-Treatment-Dpr Paint		(194,328)	61,914
83	TN	R		320100	WT Equip Non-Media		(40,023)	(51,292)
84	TN	R		320200	Water Trmt Equip Filter Media		(6,454)	1,590
85	TN	R		330000	Dist Reservoirs & Standpipes		(9,974)	(5,668)
86	TN	R		330003	Tank Repainting		(27,089)	3,862
87	TN	R		330100	Elevated Tanks & Standpipes		(2,106)	(791)
88	TN	R		330200	Ground Level Tanks		37	(13)
89								
90	TN	S	Engineering Studies	331001	Transmission & Distribution Mains		0	0
91			Total Recurring Projects					
92								
93			ACQUISITIONS					
94								
95			Total Acquisitions					
96								
97			CENTRALLY SPONSORED PROJECTS					
98	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		0	0
99	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate			
100			Total Centrally Sponsored Projects					

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
Safety and Environmental Compliance Rider

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date September 21, 2016
Description TN BP 2017-2021 SCEP

Line #	Business Unit No.	Project Title	Account	Account Description	NOTES	Average Accum Depreciation	Average Depreciation Deferred Tax (DTA, (DTL))
101							
102		INVESTMENT PROJECTS					
103	TN	I26-020017 Electrical Motor Efficiency Enhancement (\$2.9)					
104	TN	I26-020027 Construct 1.0MG Tank & 2500-16" ER (\$1.0)					
105	TN	I26-020028 Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment		(262,854)	39,840
106	TN	I26-020028	320100	WT Equip Non-Media		(23,314)	(23,754)
107	TN	I26-020032 Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping		(42)	(130)
108	TN	I26-020032	304300	Struct & Imp-Treatment		(17,621)	2,944
109	TN	I26-020032	304400	Struct & Imp-T&D		0	0
110	TN	I26-020032	304500	Structures & Improvement - General		(170,512)	(118,956)
111	TN	I26-020032	320100	WT Equip Non-Media		(105,723)	(140,415)
112	TN	I26-020032	330200	Ground Level Tanks		(2,063)	(637)
113	TN	I26-020032	347000	Misc Equipment		(1,935)	175
114	TN	I26-020034 Tennessee River Crossing (\$2.5)	331001	Transmission & Distribution Mains		0	0
115	TN	I26-020038 Retire Basin 1	304300	Struct & Imp-WT		0	0
116	TN	I26-020039 Basin 2 Tube Settlers					
117	TN	I26-020040 Chlorine Gas Conversion					
118	TN	I26-020041 Electrical - Breakers and Relays (\$0.6)	311200	Pump Eqp Electric		0	0
119	TN	I26-020042 Pumping Auxiliary Power (\$1.4)					
120	TN	I26-020043 Energy Reduction and Efficiency (\$0.87)					
121	TN	I26-020044 New Raw Water Intake Citico (\$13)					
122	TN	I26-020045 Renovate Filter Bldg 3 (\$0.75)					
123	TN	I26-020046 New Field Services Facility (\$4.5)					
124	TN	I26-050001 Raw Water Intake Improvements Whitwell (\$2)					
125	TN	I26-050002 Facility Upgrades at Whitwell WTP (\$0.3)					
126	TN	I26-050003 Replace 0.5 MG Storage Tanks at Whitwell (\$0.5)					
127	TN	I26-050004 Replace 0.1 MG Storage Tank at Whitwell (\$0.3)					
128	TN	I26-020002 Post Acquisition BD Capex					
129	TN	I26-000001 Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains		0	0
130	TN	I26-000001	320200	Water Trmt Equip Filter Media		0	0
131	TN	I26-000001	311520	Pumping Equipment SOS		0	0
132	TN	I26-000001	340200	Computer & Peripheral Equipment		0	0
133							
134		(1) Amounts not reflected in actuals through 2016 or		Total DV Included:	See note under DV above	\$ (1,739,401)	\$ (593,515)
135		projections based on project costs through 2017.					
136				Total DV Excluded:		\$ (1,739,401)	\$ (593,515)
137		(2) From prior docket #s and sourced accounts.					
138		(3) From actual or estimated in-service data provided by the company.		Total Surcharge Amt:		\$ (1,728,336)	\$ (594,373)
139		(4) Tax depreciation rates utilized by the company.					
140				SEC Total:		\$ (742,496)	\$ (367,200)
141							
142				EDI Total:		\$ (23,585)	\$ (15,631)
143							
144				QIIP Total:		\$ (962,254)	\$ (211,541)
145							

Tennessee American Water Company
Safety and Environmental Compliance (SEC)
Investment Worksheet
Proof spreadsheet without Array formulas

			1	2	3	4	5	B	C
		SEC						=Col 1 + Col 2	
Line #	Investment by Plant Account	Account Description	Additions	Retirements	CIAC	Net Investments (for Property Tax Calculation)	Cost of Removal Net of Salvage	Accumulated Deferred Income Taxes	Accumulated Depreciation
1	304100	Structures & Improvement-Supply							
2	Recurring Projects		\$ 292,555	\$ -	\$ -	\$ 292,555	\$ 874	\$ (1,893)	\$ (13,960)
3	Investment Projects		-	-	-	-	-	-	-
4	Total QIP		<u>\$ 292,555</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 292,555</u>	<u>\$ 874</u>	<u>\$ (1,893)</u>	<u>\$ (13,960)</u>
5									
6	304200	Structures & Improvement-Pump							
7	Recurring Projects		\$ 460,248	\$ (27,639)	\$ -	\$ 432,609	\$ 12,863	\$ (2,396)	\$ (14,814)
8	Investment Projects		14,597	(14,622)	-	(26)	375,638	(277)	(42)
9	Total QIP		<u>\$ 474,845</u>	<u>\$ (42,262)</u>	<u>\$ -</u>	<u>\$ 432,584</u>	<u>\$ 388,501</u>	<u>\$ (2,674)</u>	<u>\$ (14,856)</u>
10									
11	304300	Structures & Improvement-WT							
12	Recurring Projects		\$ 385,390	\$ (17,527)	\$ -	\$ 367,863	\$ 6,263	\$ 2,353	\$ (24,114)
13	Investment Projects		394,579	(54,346)	-	340,232	1,396,120	4,460	(31,605)
14	Total QIP		<u>\$ 779,969</u>	<u>\$ (71,873)</u>	<u>\$ -</u>	<u>\$ 708,096</u>	<u>\$ 1,402,383</u>	<u>\$ 6,813</u>	<u>\$ (55,719)</u>
15									
16	304400	Structures & Improvement-T&D							
17	Recurring Projects		\$ 113,804	\$ -	\$ -	\$ 113,804	\$ -	\$ (602)	\$ (3,627)
18	Investment Projects		-	-	-	-	-	-	-
19	Total QIP		<u>\$ 113,804</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 113,804</u>	<u>\$ -</u>	<u>\$ (602)</u>	<u>\$ (3,627)</u>
20									
21	304500	Structures & Improvement - General							
22	Recurring Projects		\$ 45,610	\$ -	\$ -	\$ 45,610	\$ 277	\$ (700)	\$ (1,302)
23	Investment Projects		9,103,923	-	-	9,103,923	-	(170,164)	(273,386)
24	Total QIP		<u>\$ 9,149,533</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 9,149,533</u>	<u>\$ 277</u>	<u>\$ (170,864)</u>	<u>\$ (274,688)</u>
25									
26	304700	Struct & Imp-Store,Shop,Garage							
27	Recurring Projects		\$ -	\$ (7,869)	\$ -	\$ (7,869)	\$ 1	\$ (69)	\$ 177
28	Investment Projects		-	-	-	-	-	-	-
29	Total QIP		<u>\$ -</u>	<u>\$ (7,869)</u>	<u>\$ -</u>	<u>\$ (7,869)</u>	<u>\$ 1</u>	<u>\$ (69)</u>	<u>\$ 177</u>
30									
31	306000	Lake, River & Other Intakes							
32	Recurring Projects		\$ 29,729	\$ -	\$ -	\$ 29,729	\$ 313	\$ (641)	\$ (474)
33	Investment Projects		-	-	-	-	-	-	-
34	Total QIP		<u>\$ 29,729</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 29,729</u>	<u>\$ 313</u>	<u>\$ (641)</u>	<u>\$ (474)</u>
35									
36	309000	Supply Mains							
37	Recurring Projects		\$ 12,074	\$ -	\$ -	\$ 12,074	\$ -	\$ (273)	\$ (752)
38	Investment Projects		-	-	-	-	-	-	-
39	Total QIP		<u>\$ 12,074</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 12,074</u>	<u>\$ -</u>	<u>\$ (273)</u>	<u>\$ (752)</u>
40									

Tennessee American Water Company
Safety and Environmental Compliance (SEC)
Investment Worksheet
Proof spreadsheet without Array formulas

			1	2	3	4	5	B	C
		SEC				=Col 1 + Col 2			
Line #	Investment by Plant Account	Account Description	Additions	Retirements	CIAC	Net Investments (for Property Tax Calculation)	Cost of Removal Net of Salvage	Accumulated Deferred Income Taxes	Accumulated Depreciation
41	310000	Power Generation Equip							
42	Recurring Projects		\$ 30,741	\$ -	\$ -	\$ 30,741	\$ 115	\$ 2,492	\$ (13,405)
43	Investment Projects		-	-	-	-	-	-	-
44	Total QIP		<u>\$ 30,741</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 30,741</u>	<u>\$ 115</u>	<u>\$ 2,492</u>	<u>\$ (13,405)</u>
45									
46	311200	Pump Eqp Electric							
47	Recurring Projects		\$ 25,871	\$ (68,323)	\$ -	\$ (42,452)	\$ 7,507	\$ (1,824)	\$ 2,131
48	Investment Projects		-	-	-	-	-	-	-
49	Total QIP		<u>\$ 25,871</u>	<u>\$ (68,323)</u>	<u>\$ -</u>	<u>\$ (42,452)</u>	<u>\$ 7,507</u>	<u>\$ (1,824)</u>	<u>\$ 2,131</u>
50									
51	311520	Pumping Equipment SOS							
52	Recurring Projects		\$ 1,045,732	\$ (72,602)	\$ -	\$ 973,130	\$ 11,868	\$ (21,834)	\$ (40,690)
53	Investment Projects		-	-	-	-	-	-	-
54	Total QIP		<u>\$ 1,045,732</u>	<u>\$ (72,602)</u>	<u>\$ -</u>	<u>\$ 973,130</u>	<u>\$ 11,868</u>	<u>\$ (21,834)</u>	<u>\$ (40,690)</u>
55									
56	320100	WT Equip Non-Media							
57	Recurring Projects		\$ 2,636,757	\$ (421,710)	\$ -	\$ 2,215,048	\$ 361,459	\$ (84,779)	\$ (69,974)
58	Investment Projects		6,239,149	(19,129)	-	6,220,020	37,834	(209,342)	(172,258)
59	Total QIP		<u>\$ 8,875,907</u>	<u>\$ (440,839)</u>	<u>\$ -</u>	<u>\$ 8,435,068</u>	<u>\$ 399,293</u>	<u>\$ (294,121)</u>	<u>\$ (242,232)</u>
60									
61	320200	Water Trmt Equip Filter Media							
62	Recurring Projects		\$ 853,811	\$ (437,013)	\$ -	\$ 416,799	\$ 475,898	\$ 128,708	\$ (416,438)
63	Investment Projects		-	-	-	-	-	-	-
64	Total QIP		<u>\$ 853,811</u>	<u>\$ (437,013)</u>	<u>\$ -</u>	<u>\$ 416,799</u>	<u>\$ 475,898</u>	<u>\$ 128,708</u>	<u>\$ (416,438)</u>
65									
66	330000	Dist Reservoirs & Standpipes							
67	Recurring Projects		\$ -	\$ (0)	\$ -	\$ (0)	\$ -	\$ (0)	\$ 0
68	Investment Projects		-	-	-	-	-	-	-
69	Total QIP		<u>\$ -</u>	<u>\$ (0)</u>	<u>\$ -</u>	<u>\$ (0)</u>	<u>\$ -</u>	<u>\$ (0)</u>	<u>\$ 0</u>
70									
71	330200	Ground Level Tanks							
72	Recurring Projects		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
73	Investment Projects		277,216	(1,500)	-	275,716	50,000	(609)	(6,463)
74	Total QIP		<u>\$ 277,216</u>	<u>\$ (1,500)</u>	<u>\$ -</u>	<u>\$ 275,716</u>	<u>\$ 50,000</u>	<u>\$ (609)</u>	<u>\$ (6,463)</u>
75									

Tennessee American Water Company
Safety and Environmental Compliance (SEC)
Investment Worksheet
Proof spreadsheet without Array formulas

			1	2	3	4	5	B	C
		SEC						=Col 1 + Col 2	
Line #	Investment by Plant Account	Account Description	Additions	Retirements	CIAC	Net Investments (for Property Tax Calculation)	Cost of Removal Net of Salvage	Accumulated Deferred Income Taxes	Accumulated Depreciation
76	331001	Transmission & Distribution Mains							
77	Recurring Projects		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
78	Investment Projects		-	-	-	-	-	-	-
79	Total QIP		<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
80									
81	334100	Meters							
82	Recurring Projects		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
83	Investment Projects		-	-	-	-	-	-	-
84	Total QIP		<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
85									
86	340200	Computer & Peripheral Equipment							
87	Recurring Projects		\$ 62,991	\$ (0)	\$ -	\$ 62,991	\$ 105	\$ (12,479)	\$ (2,189)
88	Investment Projects		-	-	-	-	-	-	-
89	Total QIP		<u>\$ 62,991</u>	<u>\$ (0)</u>	<u>\$ -</u>	<u>\$ 62,991</u>	<u>\$ 105</u>	<u>\$ (12,479)</u>	<u>\$ (2,189)</u>
90									
91	343000	Tools, Shop, Garage Equipment							
92	Recurring Projects		\$ 4,064	\$ (3,339)	\$ -	\$ 725	\$ -	\$ (75)	\$ (97)
93	Investment Projects		-	-	-	-	-	-	-
94	Total QIP		<u>\$ 4,064</u>	<u>\$ (3,339)</u>	<u>\$ -</u>	<u>\$ 725</u>	<u>\$ -</u>	<u>\$ (75)</u>	<u>\$ (97)</u>
95									
96	344000	Laboratory Equipment							
97	Recurring Projects		\$ 1,740	\$ (179,515)	\$ -	\$ (177,775)	\$ 1,239	\$ (2,142)	\$ 5,585
98	Investment Projects		-	-	-	-	-	-	-
99	Total QIP		<u>\$ 1,740</u>	<u>\$ (179,515)</u>	<u>\$ -</u>	<u>\$ (177,775)</u>	<u>\$ 1,239</u>	<u>\$ (2,142)</u>	<u>\$ 5,585</u>
100									
101	345000	Power Operated Equipment							
102	Recurring Projects		\$ 50,912	\$ (13,855)	\$ -	\$ 37,057	\$ 2,058	\$ 991	\$ (7,796)
103	Investment Projects		-	-	-	-	-	-	-
104	Total QIP		<u>\$ 50,912</u>	<u>\$ (13,855)</u>	<u>\$ -</u>	<u>\$ 37,057</u>	<u>\$ 2,058</u>	<u>\$ 991</u>	<u>\$ (7,796)</u>
105									
106	346100	Comm Equip Non-Telephone							
107	Recurring Projects		\$ 52,497	\$ -	\$ -	\$ 52,497	\$ -	\$ (10,093)	\$ (7,486)
108	Investment Projects		-	-	-	-	-	-	-
109	Total QIP		<u>\$ 52,497</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 52,497</u>	<u>\$ -</u>	<u>\$ (10,093)</u>	<u>\$ (7,486)</u>
110									
111	346190	Remote Control & Instrument							
112	Recurring Projects		\$ 728,844	\$ (74,085)	\$ -	\$ 654,759	\$ 3,566	\$ (156,145)	\$ (64,763)
113	Investment Projects		-	-	-	-	-	-	-
114	Total		<u>\$ 728,844</u>	<u>\$ (74,085)</u>	<u>\$ -</u>	<u>\$ 654,759</u>	<u>\$ 3,566</u>	<u>\$ (156,145)</u>	<u>\$ (64,763)</u>
115									
116	347000	Misc Equipment							
117	Recurring Projects		\$ 9,525	\$ (2,307)	\$ -	\$ 7,217	\$ 3,114	\$ 188	\$ (1,468)
118	Investment Projects		18,537	-	-	18,537	-	344	(3,109)
119	Total		<u>\$ 28,062</u>	<u>\$ (2,307)</u>	<u>\$ -</u>	<u>\$ 25,754</u>	<u>\$ 3,114</u>	<u>\$ 532</u>	<u>\$ (4,577)</u>
120									
121	Expense:								
122	Chemical Expense for Wastewater handling:		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Tennessee American Water Company
Safety and Environmental Compliance (SEI)
Investment Worksheet
Proof spreadsheet without Array formula

			1	2	3	4	5	B	C
SEC			=Col 1 + Col 2						
Line #	Investment by Plant Account	Account Description	Additions	Retirements	CIAC	Net Investments (for Property Tax Calculation)	Cost of Removal Net of Salvage	Accumulated Deferred Income Taxes	Accumulated Depreciation
123	Electric Power Expense for Wastewater handling:		-	-	-	-	-	-	-
124	Hauling Expense for Wastewater handling:		-	-	-	-	-	-	-
125	Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
126									
127	Total		\$ 22,890,898	\$ (1,415,383)	\$ -	\$ 21,475,515	\$ 2,747,113	\$ (536,803)	\$ (1,162,317)

Tennessee American Water Company
Safety and Environmental Compliance (SEC)
Investment Worksheet
Proof spreadsheet without Array formulas

			6	7	8	9	10	11	12
		SEC	=Cols 1 + 3 + 5 + B + C	=Col 6 x 9.454378%	=(Col 1+2+3)x Depreciation Rate	= (Col 4 x Prop Tax Rate) + (Col 4 x Franchise Rate)		=Cols 7 + 8 + 9 + 10	= Col 11 / (1 - 3.191%)
Line #	Investment by Plant Account	Account Description	Earnings Basis Net Investment (Rate Base)	Earnings Basis x Pre-Tax Return (PTR)	Depreciation Expense	Property Tax & Franchise Fees	Operational Expenses	Total Before Revenue Tax	Total With Revenue Tax
1	304100	Structures & Improvement-Supply							
2	Recurring Projects		\$ 277,576	\$ 26,243	\$ 5,793	\$ 3,953	\$ -	\$ 35,988	\$ 37,175
3	Investment Projects		-	-	-	-	-	-	-
4	Total QIP		<u>\$ 277,576</u>	<u>\$ 26,243</u>	<u>\$ 5,793</u>	<u>\$ 3,953</u>	<u>\$ -</u>	<u>\$ 35,988</u>	<u>\$ 37,175</u>
5									
6	304200	Structures & Improvement-Pump							
7	Recurring Projects		\$ 455,901	\$ 43,103	\$ 8,566	\$ 5,845	\$ -	\$ 57,513	\$ 59,409
8	Investment Projects		389,916	36,864	(1)	(0)	-	36,863	38,078
9	Total QIP		<u>\$ 845,816</u>	<u>\$ 79,967</u>	<u>\$ 8,565</u>	<u>\$ 5,845</u>	<u>\$ -</u>	<u>\$ 94,376</u>	<u>\$ 97,487</u>
10									
11	304300	Structures & Improvement-WT							
12	Recurring Projects		\$ 369,893	\$ 34,971	\$ 15,119	\$ 4,970	\$ -	\$ 55,060	\$ 56,875
13	Investment Projects		1,763,554	166,733	13,984	4,597	-	185,313	191,422
14	Total QIP		<u>\$ 2,133,447</u>	<u>\$ 201,704</u>	<u>\$ 29,103</u>	<u>\$ 9,567</u>	<u>\$ -</u>	<u>\$ 240,374</u>	<u>\$ 248,297</u>
15									
16	304400	Structures & Improvement-T&D							
17	Recurring Projects		\$ 109,575	\$ 10,360	\$ 2,424	\$ 1,538	\$ -	\$ 14,321	\$ 14,793
18	Investment Projects		-	-	-	-	-	-	-
19	Total QIP		<u>\$ 109,575</u>	<u>\$ 10,360</u>	<u>\$ 2,424</u>	<u>\$ 1,538</u>	<u>\$ -</u>	<u>\$ 14,321</u>	<u>\$ 14,793</u>
20									
21	304500	Structures & Improvement - General							
22	Recurring Projects		\$ 43,885	\$ 4,149	\$ 515	\$ 616	\$ -	\$ 5,281	\$ 5,455
23	Investment Projects		8,660,373	818,784	102,874	123,001	-	1,044,659	1,079,093
24	Total QIP		<u>\$ 8,704,258</u>	<u>\$ 822,933</u>	<u>\$ 103,390</u>	<u>\$ 123,617</u>	<u>\$ -</u>	<u>\$ 1,049,940</u>	<u>\$ 1,084,548</u>
25									
26	304700	Struct & Imp-Store,Shop,Garage							
27	Recurring Projects		\$ 109	\$ 10	\$ (57)	\$ (106)	\$ -	\$ (153)	\$ (159)
28	Investment Projects		-	-	-	-	-	-	-
29	Total QIP		<u>\$ 109</u>	<u>\$ 10</u>	<u>\$ (57)</u>	<u>\$ (106)</u>	<u>\$ -</u>	<u>\$ (153)</u>	<u>\$ (159)</u>
30									
31	306000	Lake, River & Other Intakes							
32	Recurring Projects		\$ 28,927	\$ 2,735	\$ 247	\$ 402	\$ -	\$ 3,383	\$ 3,495
33	Investment Projects		-	-	-	-	-	-	-
34	Total QIP		<u>\$ 28,927</u>	<u>\$ 2,735</u>	<u>\$ 247</u>	<u>\$ 402</u>	<u>\$ -</u>	<u>\$ 3,383</u>	<u>\$ 3,495</u>
35									
36	309000	Supply Mains							
37	Recurring Projects		\$ 11,048	\$ 1,045	\$ 226	\$ 163	\$ -	\$ 1,433	\$ 1,481
38	Investment Projects		-	-	-	-	-	-	-
39	Total QIP		<u>\$ 11,048</u>	<u>\$ 1,045</u>	<u>\$ 226</u>	<u>\$ 163</u>	<u>\$ -</u>	<u>\$ 1,433</u>	<u>\$ 1,481</u>
40									

Tennessee American Water Company
Safety and Environmental Compliance (SEC)
Investment Worksheet
Proof spreadsheet without Array formulas

			6	7	8	9	10	11	12
		SEC	=Cols 1 + 3 + 5 + B + C	=Col 6 x 9.454378%	=(Col 1+2+3)x Depreciation Rate	=(Col 4 x Prop Tax Rate) + (Col 4 x Franchise Rate)		=Cols 7 + 8 + 9 + 10	= Col 11 / (1 - 3.191%)
Line #	Investment by Plant Account	Account Description	Earnings Basis Net Investment (Rate Base)	Earnings Basis x Pre-Tax Return (PTR)	Depreciation Expense	Property Tax & Franchise Fees	Operational Expenses	Total Before Revenue Tax	Total With Revenue Tax
41	310000	Power Generation Equip							
42	Recurring Projects		\$ 19,943	\$ 1,885	\$ 3,790	\$ 415	\$ -	\$ 6,091	\$ 6,292
43	Investment Projects		-	-	-	-	-	-	-
44	Total QIP		<u>\$ 19,943</u>	<u>\$ 1,885</u>	<u>\$ 3,790</u>	<u>\$ 415</u>	<u>\$ -</u>	<u>\$ 6,091</u>	<u>\$ 6,292</u>
45									
46	311200	Pump Eqp Electric							
47	Recurring Projects		\$ 33,685	\$ 3,185	\$ (1,040)	\$ (574)	\$ -	\$ 1,571	\$ 1,623
48	Investment Projects		-	-	-	-	-	-	-
49	Total QIP		<u>\$ 33,685</u>	<u>\$ 3,185</u>	<u>\$ (1,040)</u>	<u>\$ (574)</u>	<u>\$ -</u>	<u>\$ 1,571</u>	<u>\$ 1,623</u>
50									
51	311520	Pumping Equipment SOS							
52	Recurring Projects		\$ 995,077	\$ 94,078	\$ 17,808	\$ 13,148	\$ -	\$ 125,034	\$ 129,156
53	Investment Projects		-	-	-	-	-	-	-
54	Total QIP		<u>\$ 995,077</u>	<u>\$ 94,078</u>	<u>\$ 17,808</u>	<u>\$ 13,148</u>	<u>\$ -</u>	<u>\$ 125,034</u>	<u>\$ 129,156</u>
55									
56	320100	WT Equip Non-Media							
57	Recurring Projects		\$ 2,843,464	\$ 268,832	\$ 24,144	\$ 29,927	\$ -	\$ 322,903	\$ 333,546
58	Investment Projects		5,895,383	557,372	67,798	84,037	-	709,207	732,584
59	Total QIP		<u>\$ 8,738,847</u>	<u>\$ 826,204</u>	<u>\$ 91,942</u>	<u>\$ 113,964</u>	<u>\$ -</u>	<u>\$ 1,032,110</u>	<u>\$ 1,066,130</u>
60									
61	320200	Water Trmt Equip Filter Media							
62	Recurring Projects		\$ 1,041,979	\$ 98,513	\$ 140,419	\$ 5,631	\$ -	\$ 244,563	\$ 252,625
63	Investment Projects		-	-	-	-	-	-	-
64	Total QIP		<u>\$ 1,041,979</u>	<u>\$ 98,513</u>	<u>\$ 140,419</u>	<u>\$ 5,631</u>	<u>\$ -</u>	<u>\$ 244,563</u>	<u>\$ 252,625</u>
65									
66	330000	Dist Reservoirs & Standpipes							
67	Recurring Projects		\$ 0	\$ 0	\$ (0)	\$ (0)	\$ -	\$ (0)	\$ (0)
68	Investment Projects		-	-	-	-	-	-	-
69	Total QIP		<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ (0)</u>	<u>\$ (0)</u>	<u>\$ -</u>	<u>\$ (0)</u>	<u>\$ (0)</u>
70									
71	330200	Ground Level Tanks							
72	Recurring Projects		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
73	Investment Projects		320,144	30,268	7,555	3,725	-	41,547	42,917
74	Total QIP		<u>\$ 320,144</u>	<u>\$ 30,268</u>	<u>\$ 7,555</u>	<u>\$ 3,725</u>	<u>\$ -</u>	<u>\$ 41,547</u>	<u>\$ 42,917</u>
75									

Tennessee American Water Company
Safety and Environmental Compliance (SEC)
Investment Worksheet
Proof spreadsheet without Array formulas

			6	7	8	9	10	11	12
		SEC	=Cols 1 + 3 + 5 + B + C	=Col 6 x 9.454378%	=(Col 1+2+3)x Depreciation Rate	=(Col 4 x Prop Tax Rate) + (Col 4 x Franchise Rate)		=Cols 7 + 8 + 9 + 10	= Col 11 / (1 - 3.191%)
Line #	Investment by Plant Account	Account Description	Earnings Basis Net Investment (Rate Base)	Earnings Basis x Pre-Tax Return (PTR)	Depreciation Expense	Property Tax & Franchise Fees	Operational Expenses	Total Before Revenue Tax	Total With Revenue Tax
76	331001	Transmission & Distribution Mains							
77	Recurring Projects		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
78	Investment Projects		-	-	-	-	-	-	-
79	Total QIP		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
80									
81	334100	Meters							
82	Recurring Projects		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
83	Investment Projects		-	-	-	-	-	-	-
84	Total QIP		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
85									
86	340200	Computer & Peripheral Equipment							
87	Recurring Projects		\$ 48,427	\$ 4,579	\$ 1,379	\$ 851	\$ -	\$ 6,809	\$ 7,033
88	Investment Projects		-	-	-	-	-	-	-
89	Total QIP		\$ 48,427	\$ 4,579	\$ 1,379	\$ 851	\$ -	\$ 6,809	\$ 7,033
90									
91	343000	Tools, Shop, Garage Equipment							
92	Recurring Projects		\$ 3,892	\$ 368	\$ 50	\$ 10	\$ -	\$ 428	\$ 442
93	Investment Projects		-	-	-	-	-	-	-
94	Total QIP		\$ 3,892	\$ 368	\$ 50	\$ 10	\$ -	\$ 428	\$ 442
95									
96	344000	Laboratory Equipment							
97	Recurring Projects		\$ 6,422	\$ 607	\$ (1,796)	\$ (2,402)	\$ -	\$ (3,590)	\$ (3,709)
98	Investment Projects		-	-	-	-	-	-	-
99	Total QIP		\$ 6,422	\$ 607	\$ (1,796)	\$ (2,402)	\$ -	\$ (3,590)	\$ (3,709)
100									
101	345000	Power Operated Equipment							
102	Recurring Projects		\$ 46,166	\$ 4,365	\$ 2,605	\$ 501	\$ -	\$ 7,470	\$ 7,717
103	Investment Projects		-	-	-	-	-	-	-
104	Total QIP		\$ 46,166	\$ 4,365	\$ 2,605	\$ 501	\$ -	\$ 7,470	\$ 7,717
105									
106	346100	Comm Equip Non-Telephone							
107	Recurring Projects		\$ 34,918	\$ 3,301	\$ 2,210	\$ 709	\$ -	\$ 6,221	\$ 6,426
108	Investment Projects		-	-	-	-	-	-	-
109	Total QIP		\$ 34,918	\$ 3,301	\$ 2,210	\$ 709	\$ -	\$ 6,221	\$ 6,426
110									
111	346190	Remote Control & Instrument							
112	Recurring Projects		\$ 511,503	\$ 48,359	\$ 27,565	\$ 8,846	\$ -	\$ 84,771	\$ 87,565
113	Investment Projects		-	-	-	-	-	-	-
114	Total		\$ 511,503	\$ 48,359	\$ 27,565	\$ 8,846	\$ -	\$ 84,771	\$ 87,565
115									
116	347000	Misc Equipment							
117	Recurring Projects		\$ 11,358	\$ 1,074	\$ 457	\$ 98	\$ -	\$ 1,628	\$ 1,682
118	Investment Projects		15,772	1,491	1,173	250	-	2,915	3,011
119	Total		\$ 27,131	\$ 2,565	\$ 1,630	\$ 348	\$ -	\$ 4,543	\$ 4,693
120									
121	Expense:								
122	Chemical Expense for Wastewater handling:		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Tennessee American Water Company
Safety and Environmental Compliance (SEC)
Investment Worksheet
Proof spreadsheet without Array formulas

			6	7	8	9	10	11	12
			=Cols 1 + 3 + 5 + B + C	=Col 6 x 9.454378%	=(Col 1+2+3)x Depreciation Rate	= (Col 4 x Prop Tax Rate) + (Col 4 x Franchise Rate)		=Cols 7 + 8 + 9 + 10	= Col 11 / (1 - 3.191%)
SEC									
Line #	Investment by Plant Account	Account Description	Earnings Basis Net Investment (Rate Base)	Earnings Basis x Pre-Tax Return (PTR)	Depreciation Expense	Property Tax & Franchise Fees	Operational Expenses	Total Before Revenue Tax	Total With Revenue Tax
123	Electric Power Expense for Wastewater handling:		-	-	-	-	-	-	-
124	Hauling Expense for Wastewater handling:		-	-	-	-	-	-	-
125	Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
126									
127	Total		\$ 23,938,891	\$ 2,263,273	\$ 443,809	\$ 290,150	\$ -	\$ 2,997,232	\$ 3,096,026

Tennessee American Water Company
Economic Development Investment (EDI)
Investment Worksheet
Proof spreadsheet without Array formulas

			1	2	3	4	5	B	C
		EDI						=Col 1 + Col 2	
Line #	Investment by Plant Account	Account Description	Additions	Retirements	CIAC	Net Investments (for Property Tax Calculation)	Cost of Removal Net of Salvage	Accumulated Deferred Income Taxes	Accumulated Depreciation
1	331001	Transmission & Distribution Mains							
2	Recurring Projects		\$ 1,567,809	\$ -	\$ -	\$ 1,567,809	\$ -	\$ (28,272)	\$ (34,547)
3	Investment Projects		-	-	-	-	-	-	-
4	Total QIP		<u>\$ 1,567,809</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 1,567,809</u>	<u>\$ -</u>	<u>\$ (28,272)</u>	<u>\$ (34,547)</u>
5									
6	333000	Services							
7	Recurring Projects		\$ 12,611	\$ -	\$ -	\$ 12,611	\$ -	\$ (213)	\$ (240)
8	Investment Projects		-	-	-	-	-	-	-
9	Total QIP		<u>\$ 12,611</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 12,611</u>	<u>\$ -</u>	<u>\$ (213)</u>	<u>\$ (240)</u>
10									
11	334300	Meter Vaults							
12	Recurring Projects		\$ 39,831	\$ -	\$ -	\$ 39,831	\$ -	\$ (171)	\$ (1,637)
13	Investment Projects		-	-	-	-	-	-	-
14	Total QIP		<u>\$ 39,831</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 39,831</u>	<u>\$ -</u>	<u>\$ (171)</u>	<u>\$ (1,637)</u>
15									
16	335000	Hydrants							
17	Recurring Projects		\$ 126,996	\$ (1,540)	\$ (3,845)	\$ 125,455	\$ 1,630	\$ (1,355)	\$ (6,410)
18	Investment Projects		-	-	-	-	-	-	-
19	Total QIP		<u>\$ 126,996</u>	<u>\$ (1,540)</u>	<u>\$ (3,845)</u>	<u>\$ 125,455</u>	<u>\$ 1,630</u>	<u>\$ (1,355)</u>	<u>\$ (6,410)</u>
20									
21	Expense:								
22			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
23			-	-	-	-	-	-	-
24			-	-	-	-	-	-	-
25	Total		<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
26									
27	Total		<u>\$ 1,747,247</u>	<u>\$ (1,540)</u>	<u>\$ (3,845)</u>	<u>\$ 1,745,706</u>	<u>\$ 1,630</u>	<u>\$ (30,011)</u>	<u>\$ (42,834)</u>
28									
29									

Tennessee American Water Company
Economic Development Investment (EDI)
Investment Worksheet
Proof spreadsheet without Array formulas

			6	7	8	9	10	11	12
EDI			=Cols 1 + 3 + 5 + B + C	=Col 6 x 9.454378%	=(Col 1+2+3)x Depreciation Rate	=(Col 4 x Prop Tax Rate) + (Col 4 x Franchise Rate)		=Cols 7 + 8 + 9 + 10	= Col 11 / (1 - 3.191%)
Line #	Investment by Plant Account	Account Description	Earnings Basis Net Investment (Rate Base)	Earnings Basis x Pre-Tax Return (PTR)	Depreciation Expense	Property Tax & Franchise Fees	Operational Expenses	Total Before Revenue Tax	Total With Revenue Tax
1	331001	Transmission & Distribution Mains							
2	Recurring Projects		\$ 1,504,991	\$ 142,288	\$ 19,598	\$ 21,182	\$ -	\$ 183,067	\$ 189,102
3	Investment Projects		-	-	-	-	-	-	-
4	Total QIP		<u>\$ 1,504,991</u>	<u>\$ 142,288</u>	<u>\$ 19,598</u>	<u>\$ 21,182</u>	<u>\$ -</u>	<u>\$ 183,067</u>	<u>\$ 189,102</u>
5									
6	333000	Services							
7	Recurring Projects		\$ 12,157	\$ 1,149	\$ 140	\$ 170	\$ -	\$ 1,460	\$ 1,508
8	Investment Projects		-	-	-	-	-	-	-
9	Total QIP		<u>\$ 12,157</u>	<u>\$ 1,149</u>	<u>\$ 140</u>	<u>\$ 170</u>	<u>\$ -</u>	<u>\$ 1,460</u>	<u>\$ 1,508</u>
10									
11	334300	Meter Vaults							
12	Recurring Projects		\$ 38,023	\$ 3,595	\$ 1,087	\$ 538	\$ -	\$ 5,220	\$ 5,392
13	Investment Projects		-	-	-	-	-	-	-
14	Total QIP		<u>\$ 38,023</u>	<u>\$ 3,595</u>	<u>\$ 1,087</u>	<u>\$ 538</u>	<u>\$ -</u>	<u>\$ 5,220</u>	<u>\$ 5,392</u>
15									
16	335000	Hydrants							
17	Recurring Projects		\$ 117,015	\$ 11,063	\$ 2,797	\$ 1,695	\$ -	\$ 15,555	\$ 16,068
18	Investment Projects		-	-	-	-	-	-	-
19	Total QIP		<u>\$ 117,015</u>	<u>\$ 11,063</u>	<u>\$ 2,797</u>	<u>\$ 1,695</u>	<u>\$ -</u>	<u>\$ 15,555</u>	<u>\$ 16,068</u>
20									
21	Expense:								
22			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
23			-	-	-	-	-	-	-
24			-	-	-	-	-	-	-
25	Total		<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
26									
27	Total		<u>\$ 1,672,186</u>	<u>\$ 158,095</u>	<u>\$ 23,622</u>	<u>\$ 23,586</u>	<u>\$ -</u>	<u>\$ 205,303</u>	<u>\$ 212,070</u>
28									
29									

Tennessee American Water Company
Qualified Infrastructure Improvement Program (QIIP)
Investment Worksheet
Proof spreadsheet without Array formulas

			1	2	3	4	5	B	C
		QIIP				=Col 1 + Col 2			
Line #	Investment by Plant Account	Account Description	Additions	Retirements	CIAC	Net Investments (for Property Tax Calculation)	Cost of Removal Net of Salvage	Accumulated Deferred Income Taxes	Accumulated Depreciation
1	304300	Struct & Imp-Treatment							
2	Recurring Projects		\$ -	\$ (94,900)	\$ -	\$ (94,900)	\$ -	\$ (5,231)	\$ 13,356
3	Investment Projects		6,342,308	(44,189)	-	6,298,118	1,137,575	77,537	(520,677)
4	Total QIP		<u>\$ 6,342,308</u>	<u>\$ (139,089)</u>	<u>\$ -</u>	<u>\$ 6,203,218</u>	<u>\$ 1,137,575</u>	<u>\$ 72,306</u>	<u>\$ (507,321)</u>
5									
	304301	Struct & Imp-Treatment-Dpr Paint							
	Recurring Projects		\$ 2,235,372	\$ (306,154)	\$ -	\$ 1,929,218	\$ 1,190,690	\$ 115,066	\$ (379,127)
	Investment Projects		-	-	-	-	-	-	-
	Total QIP		<u>\$ 2,235,372</u>	<u>\$ (306,154)</u>	<u>\$ -</u>	<u>\$ 1,929,218</u>	<u>\$ 1,190,690</u>	<u>\$ 115,066</u>	<u>\$ (379,127)</u>
6	320100	WT Equip Non-Media							
7	Recurring Projects		\$ 464,612	\$ (222,694)	\$ -	\$ 241,917	\$ 161,011	\$ (56,781)	\$ (42,012)
8	Investment Projects		2,096,800	-	-	2,096,800	-	(47,688)	(46,169)
9	Total QIP		<u>\$ 2,561,412</u>	<u>\$ (222,694)</u>	<u>\$ -</u>	<u>\$ 2,338,717</u>	<u>\$ 161,011</u>	<u>\$ (104,469)</u>	<u>\$ (88,181)</u>
10									
	320200	Water Trmt Equip Filter Media							
	Recurring Projects		\$ 94,311	\$ (65,478)	\$ -	\$ 28,833	\$ 371,608	\$ 2,925	\$ (13,101)
	Investment Projects		-	-	-	-	-	-	-
	Total QIP		<u>\$ 94,311</u>	<u>\$ (65,478)</u>	<u>\$ -</u>	<u>\$ 28,833</u>	<u>\$ 371,608</u>	<u>\$ 2,925</u>	<u>\$ (13,101)</u>
11	330000	Dist Reservoirs & Standpipes							
12	Recurring Projects		\$ 41,133	\$ -	\$ -	\$ 41,133	\$ 0	\$ (5,954)	\$ (10,661)
13	Investment Projects		-	-	-	-	-	-	-
14	Total QIP		<u>\$ 41,133</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 41,133</u>	<u>\$ 0</u>	<u>\$ (5,954)</u>	<u>\$ (10,661)</u>
15									
	330003	Tank Repainting							
17	Recurring Projects		\$ 604,409	\$ (197,159)	\$ -	\$ 407,251	\$ 370,424	\$ 9,465	\$ (62,166)
18	Investment Projects		-	-	-	-	-	-	-
19	Total QIP		<u>\$ 604,409</u>	<u>\$ (197,159)</u>	<u>\$ -</u>	<u>\$ 407,251</u>	<u>\$ 370,424</u>	<u>\$ 9,465</u>	<u>\$ (62,166)</u>
20									
	320100	Elevated Tanks & Standpipes							
	Recurring Projects		\$ 161,999	\$ -	\$ -	\$ 161,999	\$ -	\$ (1,580)	\$ (5,668)
	Investment Projects		-	-	-	-	-	-	-
	Total QIP		<u>\$ 161,999</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 161,999</u>	<u>\$ -</u>	<u>\$ (1,580)</u>	<u>\$ (5,668)</u>
21	330200	Ground Level Tanks							
22	Recurring Projects		\$ -	\$ (446)	\$ -	\$ (446)	\$ 977	\$ (17)	\$ 49
23	Investment Projects		-	-	-	-	-	-	-
24	Total QIP		<u>\$ -</u>	<u>\$ (446)</u>	<u>\$ -</u>	<u>\$ (446)</u>	<u>\$ 977</u>	<u>\$ (17)</u>	<u>\$ 49</u>
25									
	331001	Transmission & Distribution Mains							
27	Recurring Projects		\$ 13,264,727	\$ (544,718)	\$ (493,440)	\$ 12,720,009	\$ 855,047	\$ (304,606)	\$ (311,871)

Tennessee American Water Company
Qualified Infrastructure Improvement Program (QIIP)
Investment Worksheet
Proof spreadsheet without Array formulas

			<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>B</u>	<u>C</u>
		<u>QIIP</u>				=Col 1 + Col 2			
Line #	Investment by Plant Account	Account Description	Additions	Retirements	CIAC	Net Investments (for Property Tax Calculation)	Cost of Removal Net of Salvage	Accumulated Deferred Income Taxes	Accumulated Depreciation
28	Investment Projects		185,708	-	-	185,708	-	(9,014)	(1,161)
29	Total QIP		<u>\$ 13,450,435</u>	<u>\$ (544,718)</u>	<u>\$ (493,440)</u>	<u>\$ 12,905,718</u>	<u>\$ 855,047</u>	<u>\$ (313,621)</u>	<u>\$ (313,031)</u>
30									
31	<u>333000</u>	<u>Services</u>							
32	Recurring Projects		\$ 2,387,158	\$ (41,972)	\$ -	\$ 2,345,187	\$ 596,298	\$ (56,972)	\$ (56,311)
33	Investment Projects		-	-	-	-	-	-	-
34	Total QIP		<u>\$ 2,387,158</u>	<u>\$ (41,972)</u>	<u>\$ -</u>	<u>\$ 2,345,187</u>	<u>\$ 596,298</u>	<u>\$ (56,972)</u>	<u>\$ (56,311)</u>
35									

Tennessee American Water Company
Qualified Infrastructure Improvement Program (QIIP)
Investment Worksheet
Proof spreadsheet without Array formulas

			1	2	3	4	5	B	C
		QIIP				=Col 1 + Col 2			
Line #	Investment by Plant Account	Account Description	Additions	Retirements	CIAC	Net Investments (for Property Tax Calculation)	Cost of Removal Net of Salvage	Accumulated Deferred Income Taxes	Accumulated Depreciation
36	334100	Meters							
37	Recurring Projects		\$ 614,765	\$ (551,717)	\$ -	\$ 63,048	\$ 212,442	\$ 1,836	\$ (51,442)
38	Investment Projects		-	-	-	-	-	-	-
39	Total QIP		<u>\$ 614,765</u>	<u>\$ (551,717)</u>	<u>\$ -</u>	<u>\$ 63,048</u>	<u>\$ 212,442</u>	<u>\$ 1,836</u>	<u>\$ (51,442)</u>
40									
41	334200	Meter Installations							
42	Recurring Projects		\$ 4,856,129	\$ (44,371)	\$ -	\$ 4,811,757	\$ 1,073,623	\$ (45,748)	\$ (228,146)
43	Investment Projects		-	-	-	-	-	-	-
44	Total QIP		<u>\$ 4,856,129</u>	<u>\$ (44,371)</u>	<u>\$ -</u>	<u>\$ 4,811,757</u>	<u>\$ 1,073,623</u>	<u>\$ (45,748)</u>	<u>\$ (228,146)</u>
45									
46	335000	Hydrants							
47	Recurring Projects		\$ 1,050,719	\$ (142,690)	\$ -	\$ 908,029	\$ 2,494	\$ (16,791)	\$ (42,765)
48	Investment Projects		-	-	-	-	-	-	-
49	Total QIP		<u>\$ 1,050,719</u>	<u>\$ (142,690)</u>	<u>\$ -</u>	<u>\$ 908,029</u>	<u>\$ 2,494</u>	<u>\$ (16,791)</u>	<u>\$ (42,765)</u>
50									
51	Expense:								
52			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
53			-	-	-	-	-	-	-
54			-	-	-	-	-	-	-
55	Total		<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
56									
57	Total		<u>\$ 34,400,150</u>	<u>\$ (2,256,488)</u>	<u>\$ (493,440)</u>	<u>\$ 32,143,662</u>	<u>\$ 5,972,190</u>	<u>\$ (343,556)</u>	<u>\$ (1,757,871)</u>

Tennessee American Water Company
Qualified Infrastructure Improvement Program (QIIP)
Investment Worksheet
Proof spreadsheet without Array formulas

			6	7	8	9	10	11	12
		QIIP	=Cols 1 + 3 + 5 + B + C	=Col 6 x 9.454378%	=(Col 1+2+3)x Depreciation Rate	=(Col 4 x Prop Tax Rate) + (Col 4 x Franchise Rate)		=Cols 7 + 8 + 9 + 10	= Col 11 / (1 - 3.191%)
Line #	Investment by Plant Account	Account Description	Earnings Basis Net Investment (Rate Base)	Earnings Basis x Pre-Tax Return (PTR)	Depreciation Expense	Property Tax & Franchise Fees	Operational Expenses	Total Before Revenue Tax	Total With Revenue Tax
1	304300	Struct & Imp-Treatment							
2	Recurring Projects		\$ 8,125	\$ 768	\$ (3,900)	\$ (1,282)	\$ -	\$ (4,414)	\$ (4,560)
3	Investment Projects		7,036,742	665,280	258,853	85,092	-	1,009,225	1,042,491
4	Total QIP		<u>\$ 7,044,868</u>	<u>\$ 666,048</u>	<u>\$ 254,952</u>	<u>\$ 83,810</u>	<u>\$ -</u>	<u>\$ 1,004,811</u>	<u>\$ 1,037,931</u>
5	304301	Struct & Imp-Treatment-Dpr Paint							
	Recurring Projects		\$ 3,162,001	\$ 298,948	\$ 232,664	\$ 26,065	\$ -	\$ 557,676	\$ 576,058
	Investment Projects		-	-	-	-	-	-	-
	Total QIP		<u>\$ 3,162,001</u>	<u>\$ 298,948</u>	<u>\$ 232,664</u>	<u>\$ 26,065</u>	<u>\$ -</u>	<u>\$ 557,676</u>	<u>\$ 576,058</u>
6	320100	WT Equip Non-Media							
7	Recurring Projects		\$ 526,829	\$ 49,808	\$ 2,637	\$ 3,268	\$ -	\$ 55,714	\$ 57,550
8	Investment Projects		2,002,943	189,366	22,855	28,329	-	240,550	248,479
9	Total QIP		<u>\$ 2,529,773</u>	<u>\$ 239,174</u>	<u>\$ 25,492</u>	<u>\$ 31,598</u>	<u>\$ -</u>	<u>\$ 296,264</u>	<u>\$ 306,029</u>
10	320200	Water Trmt Equip Filter Media							
	Recurring Projects		\$ 455,742	\$ 43,088	\$ 9,714	\$ 390	\$ -	\$ 53,191	\$ 54,944
	Investment Projects		-	-	-	-	-	-	-
	Total QIP		<u>\$ 455,742</u>	<u>\$ 43,088</u>	<u>\$ 9,714</u>	<u>\$ 390</u>	<u>\$ -</u>	<u>\$ 53,191</u>	<u>\$ 54,944</u>
11	330000	Dist Reservoirs & Standpipes							
12	Recurring Projects		\$ 24,518	\$ 2,318	\$ 856	\$ 556	\$ -	\$ 3,729	\$ 3,852
13	Investment Projects		-	-	-	-	-	-	-
14	Total QIP		<u>\$ 24,518</u>	<u>\$ 2,318</u>	<u>\$ 856</u>	<u>\$ 556</u>	<u>\$ -</u>	<u>\$ 3,729</u>	<u>\$ 3,852</u>
15	330003	Tank Repainting							
16	Recurring Projects		\$ 922,132	\$ 87,182	\$ 45,123	\$ 5,502	\$ -	\$ 137,807	\$ 142,350
17	Investment Projects		-	-	-	-	-	-	-
18	Total QIP		<u>\$ 922,132</u>	<u>\$ 87,182</u>	<u>\$ 45,123</u>	<u>\$ 5,502</u>	<u>\$ -</u>	<u>\$ 137,807</u>	<u>\$ 142,350</u>
19	320100	Elevated Tanks & Standpipes							
20	Recurring Projects		\$ 154,751	\$ 14,631	\$ 4,439	\$ 2,189	\$ -	\$ 21,258	\$ 21,959
	Investment Projects		-	-	-	-	-	-	-
	Total QIP		<u>\$ 154,751</u>	<u>\$ 14,631</u>	<u>\$ 4,439</u>	<u>\$ 2,189</u>	<u>\$ -</u>	<u>\$ 21,258</u>	<u>\$ 21,959</u>
21	330200	Ground Level Tanks							
22	Recurring Projects		\$ 1,008	\$ 95	\$ (12)	\$ (6)	\$ -	\$ 77	\$ 80
23	Investment Projects		-	-	-	-	-	-	-
24	Total QIP		<u>\$ 1,008</u>	<u>\$ 95</u>	<u>\$ (12)</u>	<u>\$ (6)</u>	<u>\$ -</u>	<u>\$ 77</u>	<u>\$ 80</u>
25	331001	Transmission & Distribution Mains							
26	Recurring Projects		\$ 13,009,857	\$ 1,230,001	\$ 152,832	\$ 171,856	\$ -	\$ 1,554,690	\$ 1,605,935
27									

Tennessee American Water Company
Qualified Infrastructure Improvement Program (QIIP)
Investment Worksheet
Proof spreadsheet without Array formulas

			6	7	8	9	10	11	12
		QIIP	=Cols 1 + 3 + 5 + B + C	=Col 6 x 9.454378%	=(Col 1+2+3)x Depreciation Rate	=(Col 4 x Prop Tax Rate) + (Col 4 x Franchise Rate)		=Cols 7 + 8 + 9 + 10	= Col 11 / (1 - 3.191%)
Line #	Investment by Plant Account	Account Description	Earnings Basis Net Investment (Rate Base)	Earnings Basis x Pre-Tax Return (PTR)	Depreciation Expense	Property Tax & Franchise Fees	Operational Expenses	Total Before Revenue Tax	Total With Revenue Tax
28	Investment Projects		175,533	16,596	\$ 2,321	2,509	-	21,426	22,132
29	Total QIP		\$ 13,185,390	\$ 1,246,597	\$ 155,153	\$ 174,366	\$ -	\$ 1,576,116	\$ 1,628,067
30									
31	333000	Services							
32	Recurring Projects		\$ 2,870,173	\$ 271,357	\$ 26,032	\$ 31,685	\$ -	\$ 329,074	\$ 339,921
33	Investment Projects		-	-	-	-	-	-	-
34	Total QIP		\$ 2,870,173	\$ 271,357	\$ 26,032	\$ 31,685	\$ -	\$ 329,074	\$ 339,921
35									

Tennessee American Water Company
Qualified Infrastructure Improvement Program (QIIP)
Investment Worksheet
Proof spreadsheet without Array formulas

			6	7	8	9	10	11	12
		QIIP	=Cols 1 + 3 + 5 + B + C	=Col 6 x 9.454378%	=(Col 1+2+3)x Depreciation Rate	=(Col 4 x Prop Tax Rate) + (Col 4 x Franchise Rate)		=Cols 7 + 8 + 9 + 10	= Col 11 / (1 - 3.191%)
Line #	Investment by Plant Account	Account Description	Earnings Basis Net Investment (Rate Base)	Earnings Basis x Pre-Tax Return (PTR)	Depreciation Expense	Property Tax & Franchise Fees	Operational Expenses	Total Before Revenue Tax	Total With Revenue Tax
36	334100	Meters							
37	Recurring Projects		\$ 777,602	\$ 73,517	\$ 4,710	\$ 852	\$ -	\$ 79,079	\$ 81,685
38	Investment Projects		-	-	-	-	-	-	-
39	Total QIP		<u>\$ 777,602</u>	<u>\$ 73,517</u>	<u>\$ 4,710</u>	<u>\$ 852</u>	<u>\$ -</u>	<u>\$ 79,079</u>	<u>\$ 81,685</u>
40									
41	334200	Meter Installations							
42	Recurring Projects		\$ 5,655,858	\$ 534,726	\$ 131,361	\$ 65,010	\$ -	\$ 731,097	\$ 755,196
43	Investment Projects		-	-	-	-	-	-	-
44	Total QIP		<u>\$ 5,655,858</u>	<u>\$ 534,726</u>	<u>\$ 131,361</u>	<u>\$ 65,010</u>	<u>\$ -</u>	<u>\$ 731,097</u>	<u>\$ 755,196</u>
45									
46	335000	Hydrants							
47	Recurring Projects		\$ 993,658	\$ 93,944	\$ 20,885	\$ 12,268	\$ -	\$ 127,097	\$ 131,286
48	Investment Projects		-	-	-	-	-	-	-
49	Total QIP		<u>\$ 993,658</u>	<u>\$ 93,944</u>	<u>\$ 20,885</u>	<u>\$ 12,268</u>	<u>\$ -</u>	<u>\$ 127,097</u>	<u>\$ 131,286</u>
50									
51	Expense:								
52			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
53			-	-	-	-	-	-	-
54			-	-	-	-	-	-	-
55	Total		<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
56									
57	Total		<u><u>\$ 37,777,474</u></u>	<u><u>\$ 3,571,625</u></u>	<u><u>\$ 911,368</u></u>	<u><u>\$ 434,284</u></u>	<u><u>\$ -</u></u>	<u><u>\$ 4,917,277</u></u>	<u><u>\$ 5,079,359</u></u>

**BEFORE THE TENNESSEE PUBLIC UTILITY COMMISSION
NASHVILLE, TENNESSEE**

**PETITION OF TENNESSEE-)
AMERICAN WATER COMPANY)
REGARDING THE 2018)
INVESTMENT AND RELATED)
EXPENSES UNDER THE QUALIFIED)
INFRASTRUCTURE INVESTMENT)
PROGRAM RIDER, THE ECONOMIC)
DEVELOPMENT INVESTMENT)
RIDER AND THE SAFETY AND)
ENVIRONMENTAL COMPLIANCE)
RIDER)**

DOCKET NO. 17-

VERIFICATION

STATE OF Tennessee)

COUNTY OF Hamilton)

I, Valoria Armstrong, being first duly sworn, state that:

1. I am the President of the Tennessee American Water Company (the "Company").
2. I am authorized to represent and warrant, on behalf of the Company in the above-referenced docket, upon information and belief and after reasonable inquiry that:

(a) The Company's filings in this TPUC Docket are complete and accurate to the best of my knowledge and belief;

(b) The filing is compliant with TAWC's Capital Recovery Riders tariffs and all TPUC orders and directives related to TAWC's Capital Recovery Riders tariffs;

(c) Any changes in the Petition from previously approved Capital Recovery Riders' methodologies or calculations are identified in the Petition and supporting

documentation including the Direct Testimony of Company Witness Linda Bridwell at pages 9-11; and

(d) The accounting data set forth in this filing is set forth in the Company's General Ledger, or have been reconciled from the Company's General Ledger to the filing in the workpapers provided with the filing, except as set forth below:

(i) No exceptions.


Valoria Armstrong

Sworn and subscribed before me
this 7 day of Nov, 2017.


Notary Public

My Commission Expires: 9-27-2020

