TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 14-00121
RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witnesses: Brent E. O'Neill/Linda C. Bridwell

Question:

1. Spreadsheet WKP 2014 SCEP: Company changes formulas in the total column, to total everything-not just investment projects.

Response:

Tennessee American copied the "WKP 2014 SCEP" tab from the workpapers in 13-00130 with the values only and without the formulas. This may have led to some confusion regarding the "Totals". Additionally, the nomenclature may not be as straightforward as it could be.

To further assist, TAW offers the following definitions:

"Projects Funded by Others" (Row 10) are projects primarily funded by contributions and/or developer advances.

"Total Recurring Projects" (Row 31) is the total amount of recurring investment items made by the company that are not defined, separate projects or Projects funded by Others.

"Total Centrally Sponsored Projects" (Row 38) is the total amount of investment from projects led by American Water, such as the recently completed Business Transformation project.

"Total Investment Projects" (Row 57) is the total amount of separately identified larger investment projects.

"Total Investment and Centrally Sponsored Projects" (Row 58) is simply the sum of Row 38 and Row 57.

"Gross minus BT" (Row 63) is the sum of all capital investment, despite funding source, except the Centrally Sponsored Projects.

"Net minus BT" (Row 65) is the sum of all capital investment, despite funding source, minus the Centrally Sponsored Projects and the amount of Contributions, Advances, and Refunds.

"Gross plus BT" (Row 68) is the sum of all capital investment by TAW, despite funding source. This is the total capital budget of TAW.

"Net plus BT" (Row 70) is the sum of all capital investment minus Contributions, Advances, and Refunds. This is essentially the net total capital budget of TAW.

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DOCKET NO. 14-00121
RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Brent E. O'Neill

Question:

2. Spreadsheet WKP 2014 SCEP: Provide the source and support for projected capital expenditures and non-investor supplied funds used on this schedule.

Response:

During the development of the budget each year, Tennessee American Water goes through several stages to develop an accurate forecast and future needs are identified.

The first step is to review the historical trend of the budget lines. A review of the actual spending for the past five years is conducted. In addition, for 2015 a review of the average actual spend for the 2 year period of 2012 and 2013 was conducted. This first step allows for a guide for the level of activity that each line has experienced during the review periods.

The second step is a review of the needs identified by each budget line manager on the activity or work that is expected for each budget line. This review includes a list of projects or the anticipated number of items that is planned for each budget line. The budget line managers use historical knowledge and a review of the required amount of work needed for the upcoming year to establish their needs. This information allows them to develop the number of new and replacement meters and service lines based on regulatory replacement priorities and a review of the previous year's new development activity. Items such as replacement and new hydrants and valves are based on a review of the operation of existing valves and discussions with the fire department.

Purchase of tools, equipment, and vehicles are based on identified needs and a list of projects or items is developed.

The third step is to take this information developed by the budget line managers and combine it in a Recurring Project Spreadsheet along with the anticipated costs. This spreadsheet provides a listing for each budget line with the expected level of work and cost associated with each project. During this step, each identified item or project is provided with a priority level that allows for guidance if adjustments in budget lines on the importance of each item and the impact it could have to customers or the system. Investment Project items are developed within the Engineering Department based on preliminary cost estimates and cash flows based on engineering judgment.

The final stage is to review the overall budget using the costs rolled up from each line. Adjustments in each budget line are made using the priorities and importance of each items and a comparison to historical spend on each line. During this stage projects are adjusted and some are placed on hold to allow the overall capital spend to be within the expected budget amount.

Contributions, Advances and Refunds are estimated using historical averages and professional judgment.

Once this is complete, the Strategic Capital Expenditures Plan or SCEP is prepared.

A copy of the 2014 Spreadsheet for Recurring Project is attached.

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Responsible Witness: Linda Bridwell

Question:

3. Spreadsheet WKP 2014 - In Serviced SCEP No source and support for account split percentages.

Response:

The account split percentages were based on professional engineering judgment and were the same assumption used in Docket No. 13-00130. The reconciliation will include the actual expenditures in each recurring project line by account.

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RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

4. Spreadsheet WKP 2014 - In Serviced SCEP: No source and support for "in-service months".

Response:

The estimated in-service months for investment projects are provided by engineering personnel based on their professional judgment as to the length and scope of each project.

TENNESSEE AMERICAN WATER COMPANY
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RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

5. Spreadsheet WKP 2014 - In Serviced SCEP: No source and support for book depreciation rates.

Response:

The "WKP 2014 – In-Serviced SCEP" tab was copied from the file *TAW_R_TRADR3_NUM006_013114_Attachment1 with AVG Impact change* in Docket No. 13-00130 with values only and no formulas. Both the "WKP 2015 In-Serviced SCEP", and the source file in Docket No. 13-00130 *TAW_R_TRADR3_NUM006_013114_Attachment1 with AVG Impact change* that is the basis for "WKP 2014 – In-Serviced SCEP" referred to the tab "WKP Depr Rates" that is identical in both files. This workpaper is the download of depreciation rates, as authorized by the TRA and used in Docket No. 12-00049.

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Responsible Witness: Linda Bridwell

Question:

6. Spreadsheet WKP 2014 - In Serviced SCEP Vehicle monthly addition in Period 7 seems to be in error.

Response:

It appears that in the file utilized in Docket No. 13-00130, the Vehicle monthly additions for Period 7, Period 9 and Period 11 did not pick up the previous month's balance. This would understate the amount of vehicle investment in-service during 2014. This formula error was not carried into the 2015 calculation. The actual amount for 2014 will be corrected during the reconciliation process.

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 14-00121
RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

7. Spreadsheet WKP 2014 - In Serviced SCEP: Process Plant Facilities and Equipment monthly additions seems to be in error beginning with Period 3.

Response:

It appears that in the file utilized in Docket No. 13-00130, the Process Plant Facilities and Equipment monthly additions for Period 3, Period 5, Period 7, Period 9 and Period 11 did not pick up the previous month's balance. This would understate the amount of investment in-service during 2014. This formula error was not carried into the 2015 calculation. The actual amount for 2014 will be corrected during the reconciliation process.

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 14-00121
RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

8. Spreadsheet WKP 2014 - In Serviced SCEP: Average annual plant additions for vehicles is multiplied by 25% without any source or support.

Response:

The 25% inclusion was a management judgment of the amount of capital expenditures in 2014 to be spent on alternative fuel vehicles and retrofitting existing vehicles for alternative fuels. This was included in Docket No. 13-00130 and after confirming with operations and engineering personnel, was utilized in this filing.

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 14-00121
RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

9. Spreadsheet WKP 2014 - In Serviced SCEP: No source and support for average retirements.

Response:

The average retirements was calculated for ratebase schedules in 12-00049 based on historical averages and engineering judgment. These same retirement calculations were used in Docket No. 13-00130 and again in this filing. The tab "WKP 2014 – In Serviced SCEP" was copied without formulas from the file in Docket No. 13-00130 titled *TAW_R_TRADR3_NUM006_013114_Attachment1 with AVG Impact change.* The average retirement in that file is calculated on the tab "WKP Retires".

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RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

10. Spreadsheet WKP 2014 - In Serviced SCEP: No source and support for CIAOC.

Response:

The 2014 Contribution In Aid of Construction (CIAC) was provided based on engineering judgment on the projects for which CIAC was available and in Recurring Project Line G. The amount calculated in Docket No. 13-00130 was from the last general rate proceeding Docket No. 12-00049 which equals the average annual amount from a 2-year history for those contributions only on Recurring Project Line G. This was calculated on tab "WKP CIAC" in the file in Docket No. 13-00130 titled *TAW_R_TRADR3_NUM006_011314_Attachment1 with AVG Impact change.*

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RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

11. Spreadsheet WKP 2014 - In Serviced SCEP: No source and support for COR less Salvage.

Response:

The COR less salvage was calculated for ratebase schedules in 12-00049 based on historical averages and engineering judgment. These calculations were used in Docket No. 13-00130 and again in this filing. The tab "WKP 2014 – In Serviced SCEP" was copied without formulas from the file in Docket No. 13-00130 titled *TAW_R_TRADR3_NUM006_013114_Attachment1 with AVG Impact change.* The COR less salvage in that file is calculated on the tab "WKP Retires".

TENNESSEE AMERICAN WATER COMPANY
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RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

12. Spreadsheet WKP 2014 - In Serviced SCEP: No source and support for tax life.

Response:

The tax life assumptions for 2014 were provided in Docket No. 13-00130 by American Water tax analysts. The "WKP 2014 – In-Serviced SCEP" tab was copied from the file *TAW_R_TRADR3_NUM006_013114_Attachment1_with_AVG_Impact_change* in Docket No. 13-00130 with values only and no formulas.

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 14-00121
RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

13. Spreadsheet WKP 2014 - In Serviced SCEP: No source and support for tax depreciation rate.

Response:

The tax depreciation rate assumptions for 2014 were provided in Docket No. 13-00130 by American Water tax analysts. The "WKP 2014 – In-Serviced SCEP" tab was copied from the file *TAW_R_TRADR3_NUM006_013114_Attachment1 with AVG Impact change* in Docket No. 13-00130 with values only and no formulas.

TENNESSEE AMERICAN WATER COMPANY
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RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

14. Spreadsheet WKP 2014 - In Serviced SCEP Accumulated Depreciation calculation appears to be in error because it multiplies depreciation expense * 50% when the full depreciation rate has already been applied to average plant.

Response:

Accumulated Depreciation is calculated as an average balance similar to the average plant balance. The depreciation expense is a full year depreciation expense amount. In order to calculate an average accumulated depreciation balance for 2014, 50% of the depreciation expense is used since the timing of the in-service dates will vary. This calculation is consistent with the calculation in Docket 13-00130.

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 14-00121
RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Brent E. O'Neill

Question:

15. EXH 2014 SCEP Provide the source and support for projected capital expenditures and non-investor supplied funds used on this schedule.

Response:

Please refer to the response to Item 2 for a review of the development of the capital expenditures. A copy of the Recurring Project Spreadsheet with detailed information for 2015 is attached.

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 14-00121
RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

16. Spreadsheet WKP 2015 - In Serviced SCEP: Company's array formula on Projects Funded by Others and Business Units A - D (3 month time horizons) appears to produce incorrect results.

Response:

Projects Funded by Others and Business Units A – D are recurring main installation and replacement projects. These projects typically last a couple months from inception to completion and in-service. In order to accommodate this, a 3-month rolling average of project spend for each investment line is used for the forecasted in-service amount each month. Each month, a 3-month average for projected in-service amounts is calculated and added to the current utility plant in service (UPIS) balance for that project line. For example, the in-service amount for Line A in May 2015 is $3,334. This is difference between the May 2015 balance of $94,501 and the April 2015 balance of $91,167 on tab "WKP 2015 - In Serviced SCEP". The $3,334 is the 3-month average of March-May 2015 of capital expenditures from tab "EXH 2015 SCEP" ($10,000/3).

TENNESSEE AMERICAN WATER COMPANY
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RESPONSE TO INFORMAL REQUEST FOR INFORMATION
OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell/Brent E. O'Neill

Question:

17. Spreadsheet WKP 2015 - In Serviced SCEP: Company excluded Citico Plant Improvement Phase 1B from Investment projects without explanation.

Response:

The Company carefully reviewed its capital budget and ongoing construction work schedule after the increased cost of the Wastewater Treatment & Handling Improvement project was fully recognized. The Wastewater Treatment & Handling Improvement project was going to be much more complex, require much more attention from both engineering and operations personnel, and would take more investment than originally anticipated. After careful deliberation, it was determined that it would be in the best interests of both Tennessee American and its customers to not attempt to have these projects run concurrently. The Wastewater Treatment & Handling Improvement project was determined to need priority. Therefore, the Citico Plant Improvement Phase 1B project has been delayed until 2016 to allow focus and increased investment required to complete the Wastewater Treatment & Handling Improvement project.

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 14-00121
RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Brent E. O'Neill

Question:

18. Spreadsheet WKP 2015 - In Serviced SCEP: Company included $6,150,000 in Wastewater Treatment & Handling Improvement in Investment Projects as a reforecast without explanation.

Response:

The Company included $6,150,000 in project I26-020032 - Wastewater Treatment & Handling Improvement as a reforecast. The total project estimate increased as the result of many factors that are unique to the site where the dewatering facility is to be constructed as well as a further development of the project scope. The preliminary cost estimate was based on a written performance description of the proposed facility. The estimate was prepared without drawings or specifications and was mainly focused on the dewatering equipment component of the project. The preliminary cost estimate was developed using costs incurred at other installations of similar equipment. In most cases these improvements used for comparison were part of larger improvement costs and most of the ancillary costs were not captured. Below are the primary reasons that the cost estimate was revised:

•Site investigation during the final design of the proposed structure foundations indicated that the an existing out-of-service concrete clearwell would require full removal of the 14' deep concrete walls, floor and the unsuitable soils found inside and around the old structure. Due to site limitations and material not being suitable for fill, all material will need to be hauled off site. The unsuitable soil will be replaced with structural fill that will be installed and compacted in 9 inch lifts. The preliminary cost estimate assumed that the footprint of the proposed improvements would not require demolition of the concrete clearwell.

•The dewatering building increased in size to accommodate considerations for maintenance and arrangement of conveyors and drying equipment. In addition, more space was necessary to include required components such as polymer and sludge pumping equipment, as well as electrical and control panels.

•Fully enclosed bays for two trucks replaced the exposed canopy envisioned during the development of the original preliminary cost estimate. Protection from weather and freezing, improved accessibility to conveyors and discharge valves and actuators were a major component of determining the need for the change. It is anticipated that the enclosed truck bays will reduce future maintenance costs.

TENNESSEE AMERICAN WATER COMPANY
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Response:

(-continued)

•With the increase in the building size and the additional infrastructure needed, the site slope and topography required the development of a long concrete retaining wall be constructed at the northeast corner of the site that was not accounted for in the preliminary cost estimate.

•The existing topography required the number of pumping steps necessary to transfer sludge throughout the site to be more than typical installations used to develop the preliminary cost estimate. Subsequently, there are more pumps to be constructed, piped, controlled and monitored.

•Because the Citico Water Treatment Station was built in 1870's and 150 years old, locating possible piping routes at the station, with the least impact on existing lines, was challenging and resulted in additional costs to uncover a majority of the expected path of the 6,417 linear feet of underground piping.

•The preliminary cost estimate anticipated the use of existing clarification to provide the drying equipment with sludge. However, during final development of the project a second clarifier was required to allow for a more consistent sludge to the drying equipment and to accommodate the expected loading rate from the operation of the water treatment plant.

• To meet the requirements of the Tennessee Department of Environment and Conservation (TDEC) to allow for clarification of backwash water and the sediment supernatant prior to recycling water to the head of the water treatment plant. A new Backwash Equalization Tank was added to the projects. This tank is required to mitigate instantaneous high wash water flow during filter backwash operations. During the preliminary cost estimate it was assumed that the existing Plant 2 equalization tank could be modified, however the TDEC requirements could not be satisfied with the proposed modifications.

•Additional switchgear infrastructure for the sludge improvement was required due to the mismatch of operating voltage from the existing Citico Water Treatment Plant and the equipment and safety requirements of the new improvements.

•Electrical and control improvements are required to ensure efficient operations to valves and instrumentation that are currently manual or non-existing.

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Responsible Witness: Linda Bridwell

Question:

19. Spreadsheet WKP 2015 - In Serviced SCEP: Company accumulated Period 1 - 4 expenditures into period 5 for Wastewater Treatment A & Handling Improvement in Investment Projects without explanation.

Response:

Investment Project I26-020032 - Wastewater Treatment A & Handling Improvement ($15.3M) has a scheduled in-service date of May 2015 (used and useful). At that time, inception to date costs on the project will be placed in-service. In May 2015, projected inception to date costs for this project will be $14.2M which is comprised of $8.15M for 2014 (including the $6.15M reforecast), and $6.05M for January-May 2015.

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 14-00121
RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

20. Spreadsheet WKP 2015 - In Serviced SCEP: Company only takes 25% of average plant balance for vehicles without explanation.

Response:

The 25% inclusion was a management judgment of the amount of capital expenditures in 2014 to be spent on alternative fuel vehicles and retrofitting existing vehicles for alternative fuels and used in this was included in Docket No. 13-00130. After confirming with operations and engineering personnel, was utilized in 2015 in this filing as well.

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 14-00121
RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

21. Spreadsheet WKP 2015 - In Serviced SCEP: Plant Average for Citco Plant Improvement Phase 1B is incorrect because of zero balances at start up months.

Response:

Please note that the Citico Plant Improvements Phase 1B completion has been delayed until 2016 and no in-service balances are included in 2015.

TENNESSEE AMERICAN WATER COMPANY
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Responsible Witness: Linda Bridwell

Question:

22. Spreadsheet WKP 2015 - In Serviced SCEP: Plant Average for Wastewater Treatment & Handling Improvement may be incorrect because it doesn't properly consider beginning amount of plant.

Response:

Investment Project I26-020032 - Wastewater Treatment & Handling Improvement ($15.3M) has a 2015 Average Utility Plant In-Service (UPIS) balance of $9.27M. This is derived from a 13 month average UPIS balance which includes a $0 balance for December 2014. See below for calculation.

Dec-14	$0	
Jan-15	$0	
Feb-15	$0	
Mar-15	$0	
Apr-15	$0	
May-15	$14,200,000	
Jun-15	$14,800,000	
Jul-15	$15,100,000	
Aug-15	$15,250,000	
Sep-15	$15,300,000	
Oct-15	$15,300,000	
Nov-15	$15,300,000	
Dec-15	$15,300,000	
Total	$120,550,000	
Average	$9,273,076.92	($120,550,000 divided by 13)

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Responsible Witness: Linda Bridwell

Question:

23. Spreadsheet WKP 2015 - In Serviced SCEP: Provide the source and support for Year 2 Tax Depreciation Rates.

Response:

Tax depreciation rates were provided by the Company's tax accountants. Below are the tax depreciation rates utilized in the 2015 filing. These will vary slightly from book depreciation rates for rate-making purposes.

Tax Depreciation Rates

	3-Yr Life	**5-Yr Life**	**7-Yr Life**	**25-Yr Life**	**39-Yr Life**
Type of Property	Software	Computers, Office Equipment, Vehicles	Office Furniture and Fixtures	Water and Sewer property	Buildings
Year 1	0.3333	0.2	0.1429	0.02	0.01282
Year 2	0.3333	0.32	0.2449	0.04	0.02564
Year 3	0.3334	0.192	0.1749	0.04	0.02564
Year 4		0.1152	0.1249	0.04	0.02564
Year 5		0.1152	0.0893	0.04	0.02564
Year 6		0.0576	0.0892	0.04	0.02564
Year 7			0.0893	0.04	0.02564
Year 8			0.0446	0.04	0.02564
Year 9				0.04	0.02564
Year 10				0.04	0.02564
Year 11				0.04	0.02564
Year 12				0.04	0.02564
Year 13				0.04	0.02564
Year 14				0.04	0.02564
Year 15				0.04	0.02564
Year 16				0.04	0.02564
Year 17				0.04	0.02564

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Response:
(continued)

Year 18	0.04	0.02564
Year 19	0.04	0.02564
Year 20	0.04	0.02564
Year 21	0.04	0.02564
Year 22	0.04	0.02564
Year 23	0.04	0.02564
Year 24	0.04	0.02564
Year 25	0.04	0.02564
Year 26	0.02	0.02564
Year 27		0.02564
Year 28		0.02564
Year 29		0.02564
Year 30		0.02564
Year 31		0.02564
Year 32		0.02564
Year 33		0.02565
Year 34		0.02564
Year 35		0.02565
Year 36		0.02564
Year 37		0.02565
Year 38		0.02564
Year 39		0.02565
Year 40		0.01282

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Responsible Witness: Linda Bridwell

Question:

24. Spreadsheet WKP 2015 - In Serviced SCEP: Company uses 2.56% as the Year 1 Tax Rate for Business Units M and N for 2014, but then uses 1.282% as the Year 1 Tax Rate in 2015.

Response:

Per the tax depreciation rates provided in response to Item 23, the tax depreciation rate for Year 1 is .01282 for and changes to .0256 for Year 2.

TENNESSEE AMERICAN WATER COMPANY
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RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

25. Spreadsheet WKP 2015 - In Serviced SCEP: Tax vintage year depreciation calculations will likely become unmanageable in future periods; consider an alternative for future filings.

Response:

While tax vintage year depreciation calculations are a bit cumbersome over time, the Company believes this is an accurate method to calculate the deferred tax impact on the requested rider additions. Please refer to the response to Item 23 for the tax depreciation rates used in this calculation. The filing of a general base rate case will reset the riders and the Company does not anticipate that the tax vintage year depreciation calculations in future rider filings will become unmanageable.

TENNESSEE AMERICAN WATER COMPANY
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RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

26. Spreadsheet WKP 2015 - In Serviced SCEP: Accumulated Depreciation calculation appears to be in error because it multiplies depreciation expense * 50% when the full depreciation rate has already been applied to average plant.

Response:

Accumulated Depreciation is calculated as an average balance similar to the average plant balance. The depreciation expense calculated in column BG on Spreadsheet WKP 2015 - In Serviced SCEP is a full year depreciation expense amount. In order to calculated an average accumulated depreciation balance for 2015, 50% of the 2015 depreciation expense is added to the full year 2014 depreciation expense. These average amounts are used as part of the riders' Net invested rate base calculation. This calculation is consistent with the calculation in Docket 13-00130.

TENNESSEE AMERICAN WATER COMPANY
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Responsible Witness: Linda Bridwell

Question:

27. Spreadsheet WKP 2015 - In Serviced SCEP: ADFIT calculation appears to be in error because it multiplies current year deferred tax * 50% when the full deferred tax has already been calculated from applied to average plant additions.

Response:

ADFIT is calculated as an average balance similar to the average plant balance. The tax over book depreciation expense is calculated in column BF on Spreadsheet WKP 2015 - In Serviced SCEP is a full year expense amount. The full year tax over book depreciation expense is then tax effected in column BH. In order to calculate an average ADFIT balance for 2015, 50% of the 2015 tax effected amount is added to the full year 2014 tax effected amount. These average amounts are used as part of the riders' Net invested rate base calculation.

TENNESSEE AMERICAN WATER COMPANY
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RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

28. Spreadsheet WKP Retires: Company substitutes different accounts for Business Unit Q without explanation as 2015 Average UPIS.

Response:

The purpose of Spreadsheet WKP Retires is to calculate the average retirement activity to offset requested rider additions. The Company utilized actual retirements reported during 2012 – 2013 to project the retirement activity for the rider filing. Please reference the response to Item 32 for the 2012 – 2013 actual retirement data.

In the instances where a utility account included in a specific business unit in the rider additions also had a corresponding retirement during 2012-2013, the average retirement amount was calculated for that combination. Business Unit Q and utility account 340200- Computer & Peripheral Equipment did not have any retirements in years 2012-2013.

TENNESSEE AMERICAN WATER COMPANY
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RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

29. Spreadsheet WKP Retires: Company multiplies 2015 Allocated Retirements * 3 without explanation.

Response:

The 2015 Allocated Retirement amounts are calculated by taking the average ½ year retirement amount multiplied by 3. As this is the second year of the rider filings, this calculation ensures that 2014 retirement activity is accounted for as a whole year (2 * ½ = 1) and 2015 as a ½ year.

TENNESSEE AMERICAN WATER COMPANY
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RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

30. Spreadsheet WKP Retires: Company multiplies 2015 Allocated COR less Salvage * 3 without explanation.

Response:

The 2015 Cost of Removal less Salvage (COR) amounts are calculated by taking the average ½ year COR amount multiplied by 3. As this is the second year of the rider filings, this calculation ensures that 2014 COR activity is accounted for as a whole year (2 * ½ = 1) and 2015 as a ½ year.

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 14-00121
RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

31. Spreadsheet WKP Data-COR & Retires: Provide the source and support for the historic cost of removal and salvage detail totaling $1,226,169.

Response:

Please see CAPD 01-031_Attachment.xlsx for detail. The attachment is a transactional listing of cost of removal and salvage amounts by work order and utility account from the Company's Fixed Asset system.

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 14-00121
RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

32. Spreadsheet WKP Data-COR & Retires: Provide the source and support for the historic retirement detail totaling $5,512,728.

Response:

Please see CAPD 01-032_Attachment.xlsx for detail. The attachment is a transactional listing of retirements by work order and utility account from the Company's Fixed Asset system.

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 14-00121
RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

33. Spreadsheet EXH Summary: Provide the source and support for the QIIP, EDI, SEC revenue requirement as authorized - 2014 (totals to 510,911).

Response:

Please refer to the file in Docket No. 13-00130 titled *TAW_R_TRADR3_NUM006_013114_Attachment 1 with AVG Impact change*, and the tab "EXH Summary" for the calculation of the revenue requirement calculated in that Docket.

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 14-00121
RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

34. Spreadsheet Avg Impact: No notes for this spreadsheet.

Response:

No response necessary.

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 14-00121
RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

35. Spreadsheet EXH SEC 1: Array formula does not seem to give correct result for Deferred Income Taxes.

Response:

For the projects eligible for the SEC rider, the average deferred income tax balance is in a positive (asset) position. The tab "EXH SEC1" subtracts a negative amount to reflect the positive (asset) position. The primary driver of the positive (asset) position is Business Unit Q for account 320200 - Water Treatment Equip Filter Media. The book depreciation rate is higher than the tax depreciation rate which causes the positive (asset) position.

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 14-00121
RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

36. Spreadsheet EXH SEC 1: Company excludes retirements from Earnings Basis Net Investment calculation.

Response:

Retirements are excluded from the Earnings Basis Net Investment calculation. This calculation follows the calculation in Docket 13-00130. Retirements are accounted for by crediting UPIS and debiting Accumulated Depreciation for original cost of the assets retired. UPIS and Accumulated Depreciation are both part of the Earnings Basis Net Investment calculation so the net impact of retirement accounting is zero.

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 14-00121
RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

37. Spreadsheet EXH SEC 2: Company excludes retirements from Earnings Basis Net Investment calculation.

Response:

Retirements are excluded from the Earnings Basis Net Investment calculation. This calculation follows the calculation in Docket 13-00130. Retirements are accounted for by crediting UPIS and debiting Accumulated Depreciation for original cost of the assets retired. UPIS and Accumulated Depreciation are both part of the Earnings Basis Net Investment calculation so the net impact of retirement accounting is zero.

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 14-00121
RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

38. Spreadsheet EXH SEC 2: Company header indicates a pre-tax rate of return of 9.4522% instead of 9.4544%.

Response:

Company header on tab "EXH SEC 2" is a typo. The calculation in column W (7) on the tab refers to tab "WKP PTR&CF" for the pre-tax rate of return.

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 14-00121
RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

39. Spreadsheet EXH SEC 2: Provide the source and support for the Company's Effective Property Tax Rate of 1.10% (2,757,695/250,455,533).

Response:

The Company's Effective Property Tax Rate of 1.10% ($2,757,695/$250,455,533) is derived from the 2012 Rate Case Settlement TAWC 12-00049. The rate is calculated by dividing the settled property tax expense ($2.76M) by the Utility Plant in Service ($250.46M).

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 14-00121
RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

40. Spreadsheet EXH SEC 2: Provide the source and support for chemical expenses, electric power expenses and hauling expenses.

Response:

These amounts were based on engineering and operations judgment.

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 14-00121
RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

41. Spreadsheet EXH SEC 2: Explain how the proposed recovery of chemical, electric power and hauling expenses are related to the SEC capital recovery rider.

Response:

These expenses are additional operational expenses related directly to the operation of the new investment project, the Wastewater Handling and Treatment project which is included in the SEC capital investment projects in this filing. The expenses can be segregated from the other production expenses fairly easily as the new facilities will have separate electric power metering, chemicals used only for residuals processing, and hauling of dried residuals which does not currently occur. The Tariff for the Safety and Environmental Compliance Rider filed March 25, 2014 and approved in Docket No. 13-00130 contemplated the inclusion of operational expenses in the SEC rider on page Original Sheet No. 12-SEC-5 under "**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."

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 14-00121
RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

42. Spreadsheet EXH SEC 2: Explain how the proposed recovery of chemical, electric power and hauling expenses are in the public interest.

Response:

Tennessee American Water originally proposed the inclusion of expenses in the tariff as discussed in response to Item 41 as the company believes that these type of expenses are appropriate under House Bill 191. These expenses were not a part of the last general rate case, Docket No. 12-00049 and are new and unique expenses to Tennessee American Water for the operation of facilities directly responsible for continued safety and environmental compliance.

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 14-00121
RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

43. Spreadsheet EXH EDI 1: Array formula does not seem to give correct result for Deferred Income Taxes.

Response:

Similar to the response to Item 35 of this same request for information, for the projects eligible for the EDI rider, the average deferred income tax balance is in a positive (asset) position. The tab "EXH EDI 1" subtracts a negative amount to reflect the positive (asset) position. The primary driver of the positive (asset) position is Business Unit I for account 334100 - Meters. The book depreciation rate is higher than the tax depreciation rate which causes the positive (asset) position.

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 14-00121
RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

44. Spreadsheet EXH EDI 1: Company excludes retirements from Earnings Basis Net Investment calculation.

Response:

Retirements are excluded from the Earnings Basis Net Investment calculation. This calculation is the same as in Docket No. 13-00130. Retirements are accounted for by crediting UPIS and debiting Accumulated Depreciation for original cost of the assets retired. UPIS and Accumulated Depreciation are both part of the Earnings Basis Net Investment calculation so the net impact of retirement accounting is zero.

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 14-00121
RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

45. Spreadsheet EXH EDI 2: Company excludes retirements from Earnings Basis Net Investment calculation.

Response:

Retirements are excluded from the Earnings Basis Net Investment calculation. This calculation is the same as in Docket No. 13-00130. Retirements are accounted for by crediting UPIS and debiting Accumulated Depreciation for original cost of the assets retired. UPIS and Accumulated Depreciation are both part of the Earnings Basis Net Investment calculation so the net impact of retirement accounting is zero.

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 14-00121
RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

46. Spreadsheet EXH EDI 2: Company header indicates a pre-tax rate of return of 9.4522% instead of 9.4544%.

Response:

The Company header on tab "EXH EDI 2" is a typo. The calculation in column W (7) on the tab refers to tab "WKP PTR&CF" for the pre-tax rate of return.

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 14-00121
RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

47. Spreadsheet EXH EDI 2: Provide the source and support for the Company's Effective Property Tax Rate of 1.10% (2,757,695/250,455,533).

Response:

47. The Company's Effective Property Tax Rate of 1.10% ($2,757,695/$250,455,533) is derived from the 2012 Rate Case Settlement TAWC 12-00049. The rate is calculated by dividing the settled property tax expense ($2.76M) by the Utility Plant in Service ($250.46M).

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 14-00121
RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

48. Spreadsheet EXH EDI 2: Provide the source and support for Chamber of Commerce Expenses and Stem Lab Expenses.

Response:

Please refer to Mr. Deron E. Allen's testimony and the attachments to his testimony. The amount included for the Chamber of Commerce Expenses and Stem Lab Expenses were requested by each entity and discussed as to the appropriate level with each entity.

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 14-00121
RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

49. Spreadsheet EXH EDI 2: Explain how the proposed recovery of Chamber of Commerce and Stem Lab expenses are related to the EDI capital recovery rider.

Response:

These expenses are additional operational expenses that are specifically to support economic development. The Tariff for the Economic Development Investment Program Rider filed March 25, 2014 and approved in Docket No. 13-00130 contemplated the inclusion of operational expenses in the EDI rider on page Original Sheet No. 12-SEC-5 under "**Economic Development Expenses** = the incremental operational expenses that are specifically to support economic development or economic development utility plant."

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 14-00121
RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

50. Spreadsheet EXH EDI 2: Explain how the proposed recovery of Chamber of Commerce and Stem Lab expenses are in the public interest.

Response:

Tennessee American Water originally proposed the inclusion of expenses in the tariff as discussed in response to Item 49 as the company believes that these types of expenses are appropriate under House Bill 191. Tennessee American believes that the changes in the legislation specifically encourage utilities to support economic development as a public interest for all the utility's customers.

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 14-00121
RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

51. Spreadsheet EXH QIIP 1: Array formula does not seem to give correct result for Deferred Income Taxes.

Response:

Similar to the response for Item 35 and Item 43, for the projects eligible for the QIIP rider, the average deferred income tax balance is in a positive (asset) position. The tab "EXH QIIP 1" subtracts a negative amount to reflect the positive (asset) position. The primary driver of the positive (asset) position is Business Unit R for account 330003-Tank Repainting. The book depreciation rate is higher than the tax depreciation rate which causes the positive (asset) position.

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 14-00121
RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

52. Spreadsheet EXH QIIP 1: Company excludes retirements from Earnings Basis Net Investment calculation.

Response:

Retirements are excluded from the Earnings Basis Net Investment calculation. This calculation is the same as in Docket No. 13-00130. Retirements are accounted for by crediting UPIS and debiting Accumulated Depreciation for original cost of the assets retired. UPIS and Accumulated Depreciation are both part of the Earnings Basis Net Investment calculation so the net impact of retirement accounting is zero.

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 14-00121
RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

53. Spreadsheet EXH QIIP 2: Company excludes retirements from Earnings Basis Net Investment calculation.

Response:

Retirements are excluded from the Earnings Basis Net Investment calculation. This calculation is the same as Docket No. 13-00130. Retirements are accounted for by crediting UPIS and debiting Accumulated Depreciation for original cost of the assets retired. UPIS and Accumulated Depreciation are both part of the Earnings Basis Net Investment calculation so the net impact of retirement accounting is zero.

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 14-00121
RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

54. Spreadsheet EXH QIIP 2: Company header indicates a pre-tax rate of return of 9.4522% instead of 9.4544%.

Response:

The Company header on tab "EXH QIIP 2" is a typo. The calculation in column W (7) on the tab refers to tab "WKP PTR&CF" for the pre-tax rate of return.

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 14-00121
RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

55. Spreadsheet EXH QIIP 2: Provide the source and support for the Company's Effective Property Tax Rate of 1.10% (2,757,695/250,455,533).

Response:

The Company's Effective Property Tax Rate of 1.10% ($2,757,695/$250,455,533) is derived from the 2012 Rate Case Settlement TAWC 12-00049. The rate is calculated by dividing the settled property tax expense ($2.76M) by the Utility Plant in Service ($250.46M).

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 14-00121
RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

56. Spreadsheet WKP CIAC: Provide the source and support for CIAOC detail.

Response:

The "WKP CIAC" are the actual contribution amounts from August 2011 to July 2012 that were utilized in Docket No. 12-00049. These were continued as the basis in Docket No. 13-00130 and carried forward in this current filing.

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 14-00121
RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

57. Spreadsheet WKP CIAC: Company multiplies by 3 to get 1.5 years without an explanation as to why.

Response:

Tennessee American Water multiplies the amount of Contribution In Aid of Construction by 3 to get 1.5 years since this is the second year of the rider filings. This calculation ensures that 2014 retirement activity is accounted for as a whole year (2 * ½ = 1) and 2015 as a ½ year.

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 14-00121
RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

58. Spreadsheet WKP PTR&CF: Provide the source and support for the revenue taxes (uncollectible, gross receipts and forfeited discounts) used on this schedule.

Response:

Revenue taxes (uncollectible, gross receipts and forfeited discounts) reported on this schedule are from the from the 2012 Rate Case Settlement TAWC 12-00049.

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 14-00121
RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

59. Spreadsheet OTHER: Provide a copy of any data responses requested by the TRA Staff in this tariff filing.

Response:

Tennessee American is certainly willing to provide any data request responses to all parties in the case as they are submitted, either formally or informally.

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 14-00121
RESPONSE TO INFORMAL REQUEST FOR INFORMATION OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question:

60. Spreadsheet OTHER: Do NOT use array calculations in future filings - it does not leave a clear audit trail of how the calculations are made.

Response:

Similar to the 2014 filing, only certain projects qualify for a specific rider. Each project line is labeled with the appropriate rider that it is eligible for in column AY, on the tab "WKP 2015 In-Serviced SCEP". The project lines with no label in column AY are not eligible for the riders. The array calculations were utilized to only take into account the project lines labeled with a specific rider. The added benefit of array calculations is the prevention of double-counting within a spreadsheet.

In order to tabulate amounts for each rider, filter only the lines labeled with the appropriate rider and total the corresponding column to the surcharge amount being audited. Below is an example of the support for some of the 2015 EDI amounts.

	2015 Amounts for Surcharge				
Surcharg	Average Plant in Service	Average Retires (Replacement Projec	Average CIAC	Depreciation Expense	Cost of Removal Less Salvage
EDI	117,322			$ 1,467	
EDI	37,652			$ 471	
EDI	26,491			$ 609	
EDI	698,308		(159,611)	$ 5,980	
EDI	528,978			$ 39,515	
EDI	294,975			$ 8,053	
EDI	10,478	-		$ 1,676	-
EDI	34,527	-		$ 5,738	-
EDI	9,283	-		$ 1,056	-
EDI	-			$ -	

INSTRUCTIONS AND USE OF THIS WORKBOOK

A General

1 This worksheet is designed to capture RP Work Order level details for each RP Funding Project. A pipeline prioritization model is also included for Line Item B (Mains - Replaced / Restored).

2 Blue tabs allow for data entry. Green tabs are all related to Line B (and the Line B tab itself allows for data entry). Gray tabs provide information only. The gray tabs with graphs may require manual editing of the secondary axis to align with the primary axis.

3 Cells in which information can be entered are unlocked. All other cells are locked. Protection can be turned off on each sheet without the need for a password.

4 One worksheet is required for each Operating Unit. The worksheet includes one tab for each of the RP Line Items (A-S). A description of the RP Line Items is provided on the RP CATEGORIES tab. Asset Investment Strategy guidance as it relates to RP Line Items is provided on the RP GUIDANCE tab.

5 A summary of all RP Line Items is displayed in text format on the RP SUMMARY tab. Unit costs are not rolled up for Line Items which do not have like units.

6 Two hidden tabs called LOOKUP TABLE 1 and LOOKUP TABLE 2 are provided as the source for many of the pulldown menus on the individual Line Item tabs. District names are also provided at the bottom of each individual Line Item tab and are hidden.

7 Do not delete or add any rows or columns on any tab. Doing so will cause the calculations to fail. Each RP Line Item tab can accommodate up to 600 projects.

B For All Line Items Except A, B, D, I, J, and S

8 To begin using the worksheet, enter the current date in cell D1, then select the Operating Unit and enter the Business Plan Year in Cells B4 and C4 respectively on the RP SUMMARY tab. This information will then be displayed on all of the individual Line Item tabs. NOTE: The Business Plan Year is the year in which the projects will be executed.

9 On any of the RP Line Item tabs, in the PROJECT INFORMATION section, the District can be selected from the pull down in Column B, and the Project Title entered in Column D.

10 Also in the PROJECT INFORMATION section, Column C allows for the identification of the project funds as Budget, Budget Reserve, or Overprogram. Budget means it is to be included in the budget. Budget Reserve means it is also to be included in the budget, but that it is a lower priority project that can be deferred until later in the year and delivered quickly should those funds instead be needed for emerging needs as the year progresses. Overprogram means that the project is not included in the budget, but if additional funds should become available, it can be delivered quickly.

11 Lastly in the PROJECT INFORMATION section, Column E allows for the top down prioritization of the project (First Priority A, Second Priority B, or Third Priority C). This prioritizaton is aligned with the company's Asset Investment Strategies. Guidance for each Line Item can be found on the RP GUIDANCE tab. Each level of prioritization is also categorized as Defined or Historical. Defined means that a specific project can be defined in advance. Historical means that the project cannot be defined in advance and needs to be based on historical activity. As an example, Line C would generally be historical because we are not able to predict an unscheduled main replacement in advance.

12 In the PROJECT COSTS and UNITS sections, fill in Columns F and I respectively reflecting the estimated cost and quantity for the project. Also fill in Column P with the Justification for the project. If the Justification is based on history and is not specifically identified, the historical information should be referenced here (typically a 3-year average with max and min) that is the basis for the project cost.

13 Hidden columns are provided immediately after the Justification column if you desire to provide a monthly VOW spread (optional).

14 Once the above are completed for all projects within a Line Item, the Priority No. can be changed as necessary for each project, and the list re-sorted using standard Excel sorting capabilities. At this point, the Business Planning stage of the RP Spreadsheet is complete. The last 10 columns of the worksheet combine and sort all of the project information by District.

15 As the year progresses and individual projects are completed, the spreadsheet is designed to be used as a tracking tool. Actual costs and actual quantities can be populated in Columns G and J respectively. Column O can be used to record the Work Order or WBS Element number.

C For Line Items A, D, I, and J (same as paragraph B above except)

16 Column O has been inserted to allow SIZE (diameter) to be provided. This should always be provided for Line Items A and D, and is optional for Line Items, I and J. If more than one size is proposed, this should be entered on separate lines with the same Project Title and Priority No. with the costs and units broken out separately.

D For Line Item B (same as paragraphs B and C above except)

17 A pipeline prioritization model has be integrated into Line Item B. All pipeline replacement or rehabilitation projects need to be scored per this model. This prioritization model utilizes information that is provided in the PAIRWISE COMPARISON tab as discussed in paragraph F below.

18 In the REPLACE OR REHABILITATE section, Columns Q, R, and S have been inserted to indicate if this is a replacement or rehabilitation project. The REHAB FLOW CHART tab should be followed to make this decision.

19 A PRIORTIZATION section with eleven sub-sections in Columns T through AD has been inserted for use in prioritizing the project. All of the columns used for the prioritization of the projects include pull down menus. Every column needs to be populated. If the cohort information is not definitively known, the COHORT TIMELINE tab may be of assistance if the approximate age of the pipe is known.

20 The final prioritization score is automatically calculated and displayed in Column AE. Based on the information entered in the PAIRWISE COMPARISON tab, the Max and Min prioritization score that can be achieved is displayed at the top of Column AE such that the score achieved for a project can be put into perspective.

E For Line Item S (same as paragraph B above except)

21 Additional planning specific information is required in Columns AC though AI. Some columns require manual entry while others have pulldowns.

F Pairwise Comparison

22 The PAIRWISE COMPARISON hidden tab is utilized by each Operating Unit's Capital Team to provide information that is used to score and prioritize the projects in Line Item B (Mains - Replaced/Restored). A pairwise comparison is first performed on each of the variables in order to establish a Variable Weighting. This is accomplished by comparing each variable one by one on a total score of six. For example, if the two variables are equal, the pairwise score is 3-3. If one variable is more critical than the other (i.e. more justification to replace the main), the pairwise score could be 4-2, 5-1, or 6-0. Only one of the two values needs to be populated (in the yellow area), and the corresponding value will automatically populate. A similar pairwise comparison is then performed on each individual variable to establish Variable Scores. The values that are initially filled in are the default values generally applicable to all Operating Units. Each individual Operating Unit can choose to either use these values or provide their own values which can be more applicable to the respective Operating Unit. The Pairwise Comparison values can be edited at any time before or after data is collected for Line Item B. The Operating Unit does not have the option to change or add variables to asure consistency across the company.

23 One additional tab called LINE B CALCS is utilized for the prioritization calculations and is hidden. This tab should never be accessed.

END

RP GUIDANCE

Line Item	RP Description	A "A" First Priority Projects (per Asset Investment Strategy)	B "B" Second Priority Projects (per Asset Investment Strategy)	C "C" Third Priority Projects (per Asset Investment Strategy)
A	Mains - New	Provide service to new customers within existing franchise area.	Provide service to new customers beyond existing franchise area.	Address long term regulatory hydraulic issues (e.g. pressure below min required).
		Required to comply with regulations.	Address near term regulatory hydraulic issues (e.g. pressure below min required).	Proactive hydraulic improvement resulting in future improvement to service (e.g. loop dead end mains).
			Hydraulic improvement resulting in immediate improvement to service (e.g. loop dead end mains).	To enhance fire flows above AW minimum goals and up to full ISO recommended flows.
			Address to meet AW goals for fire flow and specific requests of local fire districts.	
B	Mains - Replaced / Restored	RP Prioritization model score in the 75-100% range.	RP Prioritization model score in the 50-75% range.	RP Prioritization model score in the 0-50% range.
C	Mains - Unscheduled	All - based on history.	n/a	n/a
D	Mains - Relocated	Project is known and defined and expected to proceed.	Project is tentative. Funded as "Budget Reserve".	Project is speculative. Would need to be funded from Reserves.
E	Hydrants, Valves, and Manholes - New	Required to comply with regulations.	Address significant operational issues or requested by local government.	Proactive improvement resulting in future improvement to operations.
F	Hydrants, Valves, and Manholes - Replaced	Physically fails and not repairable, or in imminent danger of failure.	Poor condition and spare parts no longer available.	Proactive replacement based on age or condition.
		Hydraulically inadequate.		
G	Services and Laterals - New	Provide service to new customers.	n/a	n/a
H	Services and Laterals - Replaced	Physically fails and materials are known to be prone to failure.	Physically fails and materials are not known to be prone to failure.	Proactive replacement of materials known to be prone to failure.
		Required to comply with regulations.		
I	Meters - New	Provide service to new customers.	n/a	n/a
J	Meters - Replaced	Required to comply with regulations.	No regulatory requirement and has been in service beyond expected life.	No regulatory requirement and has been in service for less than its expected lifespan.
		Meter stops or under registers.	New technology that results in operational improvement and/or savings.	
K	ITS Equipment and Systems	To support new (additional) employees.	Has reached the end of its expected life.	Proactive replacement based on condition or new technology.
		Equipment still needed and currently not supported by the vendor.	Provides a hard payback <3 years.	
		Required to comply with regulations.	Equipment still needed and soon to no longer be supported by the vendor.	
		Physically fails and not repairable, or in imminent danger of failure.		
L	SCADA Equipment and Systems	Equipment still needed and currently not supported by the vendor.	Has reached the end of its expected life.	Proactive replacement based on age, condition, or new technology.
		Required to comply with regulations.	Provides a hard payback <3 years.	
		Physically fails and not repairable, or in imminent danger of failure.	Equipment still needed and soon to no longer be supported by the vendor.	
M	Security Equipment and Systems	Minimum level of health and safety risk reduction not in place.	Has reached the end of its expected life.	Proactive replacement based on age, condition, or new technology.
		Equipment still needed and currently not supported by the vendor.	Provides a hard payback <3 years.	
		Required to comply with regulations.	Equipment still needed and soon to no longer be supported by the vendor.	
		Physically fails and not repairable, or in imminent danger of failure		
N	Offices and Operations Centers	For new (additional) employees, equipment, or vehicles.	Has reached the end of its expected life.	Proactive replacement based on age, condition, or new technology.
		Required to comply with regulations.	Provides a hard payback <3 years.	
		Addresses imminent health and/or safety issues.		
		Physically fails and not repairable, or in imminent danger of failure.		
O	Vehicles	For new (additional) employees.	Has reached the end of its expected life.	Proactive replacement based on age, condition, or new technology.
		Required to comply with regulations.	Provides a hard payback <3 years.	Provides environmental benefits.
		Addresses imminent health and/or safety issues.		
		Physically fails and not repairable, or in imminent danger of failure.		
P	Tools and Equipment	For new (additional) employees.	Has reached the end of its expected life.	Proactive replacement based on age, condition, or new technology.
		Required to comply with regulations.	Provides a hard payback <3 years.	
		Addresses imminent health and/or safety issues.		
		Physically fails and not repairable, or in imminent danger of failure.		
Q	Process Plant Facilities and Equipment	Equipment still needed and currently not supported by the vendor.	Provides increased reliability or operating flexibility of critical assets.	Proactive replacement based on age, condition, or new technology.
		Required to comply with regulations.	Has reached the end of its expected life.	To meet non-mandatory water quality goals.
		Addresses imminent health and/or safety issues.	Provides a hard payback <3 years.	
		Physically fails and not repairable, or in imminent danger of failure.		
R	Capitalized Tank Rehabilitation / Painting	Physically fails or in imminent danger of failure.	Has reached the end of its expected life.	Proactive replacement based on age, condition, or new technology.
		Required to comply with regulations.		
		Addresses imminent health and/or safety issues.		
S	Engineering Studies	As necessary to provide regulatory support for future capital improvements.	Existing study is 10 years or older.	Existing study is 5-10 years old.
		Demands of existing system are at 90% or greater of capacity.		
		System is experiencing significant growth.		
		Required to comply with regulations.		
		Addresses imminent health and/or safety issues.		

RP SUMMARY		Date Prepared:	07/14/13									
Line Item	OPERATING UNIT	BUSINESS PLAN YEAR		PROJECT COST			UNITS			UNIT COST		
	26-Tennessee	2014		Est Cost	Act Cost	Difference	Est Qty	Act Qty	Difference	Est Unit Cost	Act Unit Cost	Difference
TOTAL	**A** - First Priority Projects - Specifically Defined		A - Defined	$4,199,357	$0	($4,199,357)						
	A - First Priority Projects - Based on History		A - Historical	$3,485,659	$0	($3,485,659)						
	B - First Priority Projects - Specifically Defined		B - Defined	$157,503	$0	($157,503)						
	B - First Priority Projects - Based on History		B - Historical	$2,472	$0	($2,472)						
	C - First Priority Projects - Specifically Defined		C - Defined	$33,935	$0	($33,935)						
	C - First Priority Projects - Based on History		C - Historical	$0	$0	$0						
	Business Plan Year Total Project Costs		**Total**	**$7,878,926**	**$0**	**($7,878,926)**						
A	**A** - First Priority Projects - Specifically Defined		A - Defined	$0	$0	$0	0	0	0	$0	$0	$0
	A - First Priority Projects - Based on History		A - Historical	$91,166	$0	($91,166)	0	0	0	$0	$0	$0
	B - First Priority Projects - Specifically Defined		B - Defined	$0	$0	$0	0	0	0	$0	$0	$0
	B - First Priority Projects - Based on History		B - Historical	$0	$0	$0	0	0	0	$0	$0	$0
	C - First Priority Projects - Specifically Defined		C - Defined	$0	$0	$0	0	0	0	$0	$0	$0
	C - First Priority Projects - Based on History		C - Historical	$0	$0	$0	0	0	0	$0	$0	$0
	Business Plan Year Total Project Costs		**Total**	**$91,166**	**$0**	**($91,166)**	**0**	**0**	**0**	**$0**	**$0**	**$0**
B	**A** - First Priority Projects - Specifically Defined		A - Defined	$1,785,000	$0	($1,785,000)	14,387	0	(14,387)	$124	$0	($124)
	A - First Priority Projects - Based on History		A - Historical	$0	$0	$0	0	0	0	$0	$0	$0
	B - First Priority Projects - Specifically Defined		B - Defined	$0	$0	$0	0	0	0	$0	$0	$0
	B - First Priority Projects - Based on History		B - Historical	$0	$0	$0	0	0	0	$0	$0	$0
	C - First Priority Projects - Specifically Defined		C - Defined	$0	$0	$0	0	0	0	$0	$0	$0
	C - First Priority Projects - Based on History		C - Historical	$0	$0	$0	0	0	0	$0	$0	$0
	Business Plan Year Total Project Costs		**Total**	**$1,785,000**	**$0**	**($1,785,000)**	**14,387**	**0**	**(14,387)**	**$124**	**$0**	**($124)**
C	**A** - First Priority Projects - Specifically Defined		A - Defined	$0	$0	$0	0	0	0	$0	$0	$0
	A - First Priority Projects - Based on History		A - Historical	$1,200,000	$0	($1,200,000)	0	0	0	$0	$0	$0
	B - First Priority Projects - Specifically Defined		B - Defined	$0	$0	$0	0	0	0	$0	$0	$0
	B - First Priority Projects - Based on History		B - Historical	$0	$0	$0	0	0	0	$0	$0	$0
	C - First Priority Projects - Specifically Defined		C - Defined	$0	$0	$0	0	0	0	$0	$0	$0
	C - First Priority Projects - Based on History		C - Historical	$0	$0	$0	0	0	0	$0	$0	$0
	Business Plan Year Total Project Costs		**Total**	**$1,200,000**	**$0**	**($1,200,000)**	**0**	**0**	**0**	**$0**	**$0**	**$0**
D	**A** - First Priority Projects - Specifically Defined		A - Defined	$0	$0	$0	0	0	0	$0	$0	$0
	A - First Priority Projects - Based on History		A - Historical	$250,000	$0	($250,000)	2,500	0	(2,500)	$100	$0	($100)
	B - First Priority Projects - Specifically Defined		B - Defined	$0	$0	$0	0	0	0	$0	$0	$0
	B - First Priority Projects - Based on History		B - Historical	$0	$0	$0	0	0	0	$0	$0	$0
	C - First Priority Projects - Specifically Defined		C - Defined	$0	$0	$0	0	0	0	$0	$0	$0
	C - First Priority Projects - Based on History		C - Historical	$0	$0	$0	0	0	0	$0	$0	$0
	Business Plan Year Total Project Costs		**Total**	**$250,000**	**$0**	**($250,000)**	**2,500**	**0**	**(2,500)**	**$100**	**$0**	**($100)**
E	**A** - First Priority Projects - Specifically Defined		A - Defined	$42,797	$0	($42,797)	19	0	(19)	$2,252	$0	($2,252)
	A - First Priority Projects - Based on History		A - Historical	$0	$0	$0	0	0	0	$0	$0	$0
	B - First Priority Projects - Specifically Defined		B - Defined	$0	$0	$0	0	0	0	$0	$0	$0
	B - First Priority Projects - Based on History		B - Historical	$0	$0	$0	0	0	0	$0	$0	$0
	C - First Priority Projects - Specifically Defined		C - Defined	$0	$0	$0	0	0	0	$0	$0	$0
	C - First Priority Projects - Based on History		C - Historical	$0	$0	$0	0	0	0	$0	$0	$0
	Business Plan Year Total Project Costs		**Total**	**$42,797**	**$0**	**($42,797)**	**19**	**0**	**(19)**	**$2,252**	**$0**	**($2,252)**
F	**A** - First Priority Projects - Specifically Defined		A - Defined	$365,034	$0	($365,034)	36	0	(36)	$10,140	$0	($10,140)
	A - First Priority Projects - Based on History		A - Historical	$0	$0	$0	0	0	0	$0	$0	$0
	B - First Priority Projects - Specifically Defined		B - Defined	$0	$0	$0	0	0	0	$0	$0	$0
	B - First Priority Projects - Based on History		B - Historical	$0	$0	$0	0	0	0	$0	$0	$0
	C - First Priority Projects - Specifically Defined		C - Defined	$0	$0	$0	0	0	0	$0	$0	$0
	C - First Priority Projects - Based on History		C - Historical	$0	$0	$0	0	0	0	$0	$0	$0
	Business Plan Year Total Project Costs		**Total**	**$365,034**	**$0**	**($365,034)**	**36**	**0**	**(36)**	**$10,140**	**$0**	**($10,140)**
G	**A** - First Priority Projects - Specifically Defined		A - Defined	$0	$0	$0	0	0	0	$0	$0	$0
	A - First Priority Projects - Based on History		A - Historical	$461,000	$0	($461,000)	350	0	(350)	$1,317	$0	($1,317)
	B - First Priority Projects - Specifically Defined		B - Defined	$0	$0	$0	0	0	0	$0	$0	$0
	B - First Priority Projects - Based on History		B - Historical	$0	$0	$0	0	0	0	$0	$0	$0
	C - First Priority Projects - Specifically Defined		C - Defined	$0	$0	$0	0	0	0	$0	$0	$0
	C - First Priority Projects - Based on History		C - Historical	$0	$0	$0	0	0	0	$0	$0	$0
	Business Plan Year Total Project Costs		**Total**	**$461,000**	**$0**	**($461,000)**	**350**	**0**	**(350)**	**$1,317**	**$0**	**($1,317)**
H	**A** - First Priority Projects - Specifically Defined		A - Defined	$0	$0	$0	0	0	0	$0	$0	$0
	A - First Priority Projects - Based on History		A - Historical	$246,000	$0	($246,000)	150	0	(150)	$1,640	$0	($1,640)
	B - First Priority Projects - Specifically Defined		B - Defined	$0	$0	$0	0	0	0	$0	$0	$0
	B - First Priority Projects - Based on History		B - Historical	$0	$0	$0	0	0	0	$0	$0	$0
	C - First Priority Projects - Specifically Defined		C - Defined	$0	$0	$0	0	0	0	$0	$0	$0
	C - First Priority Projects - Based on History		C - Historical	$0	$0	$0	0	0	0	$0	$0	$0
	Business Plan Year Total Project Costs		**Total**	**$246,000**	**$0**	**($246,000)**	**150**	**0**	**(150)**	**$1,640**	**$0**	**($1,640)**
I	**A** - First Priority Projects - Specifically Defined		A - Defined	$0	$0	$0	0	0	0	$0	$0	$0
	A - First Priority Projects - Based on History		A - Historical	$562,415	$0	($562,415)	640	0	(640)	$879	$0	($879)
	B - First Priority Projects - Specifically Defined		B - Defined	$0	$0	$0	0	0	0	$0	$0	$0
	B - First Priority Projects - Based on History		B - Historical	$0	$0	$0	0	0	0	$0	$0	$0
	C - First Priority Projects - Specifically Defined		C - Defined	$0	$0	$0	0	0	0	$0	$0	$0
	C - First Priority Projects - Based on History		C - Historical	$0	$0	$0	0	0	0	$0	$0	$0
	Business Plan Year Total Project Costs		**Total**	**$562,415**	**$0**	**($562,415)**	**640**	**0**	**(640)**	**$879**	**$0**	**($879)**
J	**A** - First Priority Projects - Specifically Defined		A - Defined	$0	$0	$0	0	0	0	$0	$0	$0
	A - First Priority Projects - Based on History		A - Historical	$663,078	$0	($663,078)	4,436	0	(4,436)	$149	$0	($149)
	B - First Priority Projects - Specifically Defined		B - Defined	$0	$0	$0	0	0	0	$0	$0	$0
	B - First Priority Projects - Based on History		B - Historical	$0	$0	$0	0	0	0	$0	$0	$0
	C - First Priority Projects - Specifically Defined		C - Defined	$0	$0	$0	0	0	0	$0	$0	$0
	C - First Priority Projects - Based on History		C - Historical	$0	$0	$0	0	0	0	$0	$0	$0
	Business Plan Year Total Project Costs		**Total**	**$663,078**	**$0**	**($663,078)**	**4,436**	**0**	**(4,436)**	**$149**	**$0**	**($149)**
K	**A** - First Priority Projects - Specifically Defined		A - Defined	$20,306	$0	($20,306)	10	0	(10)			
	A - First Priority Projects - Based on History		A - Historical	$0	$0	$0	0	0	0			
	B - First Priority Projects - Specifically Defined		B - Defined	$91,949	$0	($91,949)	25	0	(25)			
	B - First Priority Projects - Based on History		B - Historical	$2,472	$0	($2,472)	0	0	0			
	C - First Priority Projects - Specifically Defined		C - Defined	$33,935	$0	($33,935)	3	0	(3)			
	C - First Priority Projects - Based on History		C - Historical	$0	$0	$0	0	0	0			
	Business Plan Year Total Project Costs		**Total**	**$148,662**	**$0**	**($148,662)**	**38**	**0**	**(38)**			
L	**A** - First Priority Projects - Specifically Defined		A - Defined	$173,414	$0	($173,414)	0	0	0			
	A - First Priority Projects - Based on History		A - Historical	$12,000	$0	($12,000)	0	0	0			
	B - First Priority Projects - Specifically Defined		B - Defined	$0	$0	$0	0	0	0			
	B - First Priority Projects - Based on History		B - Historical	$0	$0	$0	0	0	0			
	C - First Priority Projects - Specifically Defined		C - Defined	$0	$0	$0	0	0	0			
	C - First Priority Projects - Based on History		C - Historical	$0	$0	$0	0	0	0			
	Business Plan Year Total Project Costs		**Total**	**$185,414**	**$0**	**($185,414)**	**0**	**0**	**0**			
M	**A** - First Priority Projects - Specifically Defined		A - Defined	$130,000	$0	($130,000)	0	0	0			
	A - First Priority Projects - Based on History		A - Historical	$0	$0	$0	0	0	0			
	B - First Priority Projects - Specifically Defined		B - Defined	$0	$0	$0	0	0	0			
	B - First Priority Projects - Based on History		B - Historical	$0	$0	$0	0	0	0			
	C - First Priority Projects - Specifically Defined		C - Defined	$0	$0	$0	0	0	0			
	C - First Priority Projects - Based on History		C - Historical	$0	$0	$0	0	0	0			
	Business Plan Year Total Project Costs		**Total**	**$130,000**	**$0**	**($130,000)**	**0**	**0**	**0**			
N	**A** - First Priority Projects - Specifically Defined		A - Defined	$23,000	$0	($23,000)	1	0	(1)			
	A - First Priority Projects - Based on History		A - Historical	$0	$0	$0	0	0	0			
	B - First Priority Projects - Specifically Defined		B - Defined	$0	$0	$0	0	0	0			
	B - First Priority Projects - Based on History		B - Historical	$0	$0	$0	0	0	0			

	C - First Priority Projects - Specifically Defined	C - Defined	$0	$0	$0	0	0	0		
	C - First Priority Projects - Based on History	C - Historical	$0	$0	$0	0	0	0		
	Business Plan Year Total Project Costs	**Total**	**$23,000**	**$0**	**($23,000)**	**1**	**0**	**(1)**		
O	**A** - First Priority Projects - Specifically Defined	A - Defined	$382,293	$0	($382,293)	0	0	0		
	A - First Priority Projects - Based on History	A - Historical	$0	$0	$0	0	0	0		
	B - First Priority Projects - Specifically Defined	B - Defined	$0	$0	$0	0	0	0		
	B - First Priority Projects - Based on History	B - Historical	$0	$0	$0	0	0	0		
	C - First Priority Projects - Specifically Defined	C - Defined	$0	$0	$0	0	0	0		
	C - First Priority Projects - Based on History	C - Historical	$0	$0	$0	0	0	0		
	Business Plan Year Total Project Costs	**Total**	**$382,293**	**$0**	**($382,293)**	**0**	**0**	**0**		
P	**A** - First Priority Projects - Specifically Defined	A - Defined	$29,523	$0	($29,523)	0	0	0		
	A - First Priority Projects - Based on History	A - Historical	$0	$0	$0	0	0	0		
	B - First Priority Projects - Specifically Defined	B - Defined	$0	$0	$0	0	0	0		
	B - First Priority Projects - Based on History	B - Historical	$0	$0	$0	0	0	0		
	C - First Priority Projects - Specifically Defined	C - Defined	$0	$0	$0	0	0	0		
	C - First Priority Projects - Based on History	C - Historical	$0	$0	$0	0	0	0		
	Business Plan Year Total Project Costs	**Total**	**$29,523**	**$0**	**($29,523)**	**0**	**0**	**0**		
Q	**A** - First Priority Projects - Specifically Defined	A - Defined	$797,990	$0	($797,990)	0	0	0		
	A - First Priority Projects - Based on History	A - Historical	$0	$0	$0	0	0	0		
	B - First Priority Projects - Specifically Defined	B - Defined	$0	$0	$0	0	0	0		
	B - First Priority Projects - Based on History	B - Historical	$0	$0	$0	0	0	0		
	C - First Priority Projects - Specifically Defined	C - Defined	$0	$0	$0	0	0	0		
	C - First Priority Projects - Based on History	C - Historical	$0	$0	$0	0	0	0		
	Business Plan Year Total Project Costs	**Total**	**$797,990**	**$0**	**($797,990)**	**0**	**0**	**0**		
R	**A** - First Priority Projects - Specifically Defined	A - Defined	$450,000	$0	($450,000)	0	0	0		
	A - First Priority Projects - Based on History	A - Historical	$0	$0	$0	0	0	0		
	B - First Priority Projects - Specifically Defined	B - Defined	$0	$0	$0	0	0	0		
	B - First Priority Projects - Based on History	B - Historical	$0	$0	$0	0	0	0		
	C - First Priority Projects - Specifically Defined	C - Defined	$0	$0	$0	0	0	0		
	C - First Priority Projects - Based on History	C - Historical	$0	$0	$0	0	0	0		
	Business Plan Year Total Project Costs	**Total**	**$450,000**	**$0**	**($450,000)**	**0**	**0**	**0**		
S	**A** - First Priority Projects - Specifically Defined	A - Defined	$0	$0	$0	0	0	0		
	A - First Priority Projects - Based on History	A - Historical	$0	$0	$0	0	0	0		
	B - First Priority Projects - Specifically Defined	B - Defined	$65,554	$0	($65,554)	0	0	0		
	B - First Priority Projects - Based on History	B - Historical	$0	$0	$0	0	0	0		
	C - First Priority Projects - Specifically Defined	C - Defined	$0	$0	$0	0	0	0		
	C - First Priority Projects - Based on History	C - Historical	$0	$0	$0	0	0	0		
	Business Plan Year Total Project Costs	**Total**	**$65,554**	**$0**	**($65,554)**	**0**	**0**	**0**		

		A - Defined	A - Historical	B - Defined	B - Historical	C - Defined	C - Historical	Actual
COST	**A**	$0	$91,166	$0	$0	$0	$0	$0
	B	$1,785,000	$0	$0	$0	$0	$0	$0
	C	$0	$1,200,000	$0	$0	$0	$0	$0
	D	$0	$250,000	$0	$0	$0	$0	$0
	E	$42,797	$0	$0	$0	$0	$0	$0
	F	$365,034	$0	$0	$0	$0	$0	$0
	G	$0	$461,000	$0	$0	$0	$0	$0
	H	$0	$246,000	$0	$0	$0	$0	$0
	I	$0	$562,415	$0	$0	$0	$0	$0
	J	$0	$663,078	$0	$0	$0	$0	$0
	K	$20,306	$0	$91,949	$2,472	$33,935	$0	$0
	L	$173,414	$12,000	$0	$0	$0	$0	$0
	M	$130,000	$0	$0	$0	$0	$0	$0
	N	$23,000	$0	$0	$0	$0	$0	$0
	O	$382,293	$0	$0	$0	$0	$0	$0
	P	$29,523	$0	$0	$0	$0	$0	$0
	Q	$797,990	$0	$0	$0	$0	$0	$0
	R	$450,000	$0	$0	$0	$0	$0	$0
	S	$0	$0	$65,554	$0	$0	$0	$0

		A - Defined	A - Historical	B - Defined	B - Historical	C - Defined	C - Historical	Actual
UNITS	**A**	0	0	0	0	0		
	B	14,387	0	0	0	0		
	C	0	0	0	0	0		
	D	0	2,500	0	0	0		
	E	19	0	0	0	0		
	F	36	0	0	0	0		
	G	0	350	0	0	0		
	H	0	150	0	0	0		
	I	0	640	0	0	0		
	J	0	4,436	0	0	0		
	K	10	0	3	0	0		
	L	0	0	0	0	0		
	M	0	0	0	0	0		
	N	1	0	0	0	0		
	O	0	0	0	0	0		
	P	0	0	0	0	0		
	Q	0	0	0	0	0		
	R	0	0	0	0	0		
	S	0	0	0	0	0		

		Est Tot	Actual
UNIT COST	**A**	$0	$0
	B	$124	$0
	C	$0	$0
	D	$100	$0
	E	$2,252	$0
	F	$10,140	$0
	G	$1,317	$0
	H	$1,640	$0
	I	$879	$0
	J	$149	$0
	K		
	L		
	M		
	N		
	O		
	P		
	Q		
	R		
	S		

A	MAINS - NEW				Est Cost	Act Cost	Difference	Est Qty	Act Qty	Difference	Est Unit Cost	Act Unit Cost	Difference						
	Operating Unit	ESTIMATED COST	A - First Priority Projects - Specifically Defined	A - Defined	$0	$0	$0	0	0	0	$0	$0	$0						
	26-Tennessee	Budget	A - First Priority Projects - Based on History	A - Historical	$91,166	$0	($91,166)	0	0	0	$0	$0	$0						
	Business Plan Year	$91,166	B - Second Priority Projects - Specifically Defined	B - Defined	$0	$0	$0	0	0	0	$0	$0	$0						
	2014	Budget Reserve	B - Second Priority Projects - Based on History	B - Historical	$0	$0	$0	0	0	0	$0	$0	$0						
	Date Prepared	$0	C - Third Priority Projects - Specifically Defined	C - Defined	$0	$0	$0	0	0	0	$0	$0	$0						
	July 14, 2013	Overprogram	C - Third Priority Projects - Based on History	C - Historical	$0	$0	$0	0	0	0	$0	$0	$0						
		$0	Business Plan Year Total Project Costs	Total	$91,166	$0	($91,166)	0	0	0	$0	$0	$0						
			PROJECT INFORMATION				PROJECT COST			UNITS			UNIT COST			SIZE	REFERENCE	JUSTIFICATION	SUBTOTAL BY DISTRICT		PROJECT COST	
Priority No.	District	Budget Budget Reserve Overprogram	Project Title	Priority From List Above	Estimated Cost (dollars)	Actual Cost (dollars)	Difference (dollars)	Estimated Quantity (feet)	Actual Quantity (feet)	Difference (feet)	Estimated Unit Cost ($/foot)	Actual Unit Cost ($/foot)	Difference ($/foot)	Diameter (inches)	Work Order or WBS Element	Reason the project is needed. If based on history, provide historical information over an approximate three year time period.	District	Estimated Cost (dollars)	Actual Cost (dollars)
1	2602-TN-Chattanooga	Budget	Undefined new main	A - Historical	$91,166		($91,166)			0	$0	$0	$0			Historical unscheduled main breaks	2600-TN-Cap Growth Budget	$0	$0
2							$0			0	$0	$0	$0				2601-TN-Corporate	$0	$0
3							$0			0	$0	$0	$0				2602-TN-Chattanooga	$91,166	$0
4							$0			0	$0	$0	$0				2603-TN-Suck Creek	$0	$0
5							$0			0	$0	$0	$0				2604-TN-Lone Oak	$0	$0
6							$0			0	$0	$0	$0				0	#N/A	#N/A
7							$0			0	$0	$0	$0				0	#N/A	#N/A
8							$0			0	$0	$0	$0				0	#N/A	#N/A
9							$0			0	$0	$0	$0				0	#N/A	#N/A
10							$0			0	$0	$0	$0				0	#N/A	#N/A
11							$0			0	$0	$0	$0				0	#N/A	#N/A
12							$0			0	$0	$0	$0				0	#N/A	#N/A
13							$0			0	$0	$0	$0				0	#N/A	#N/A
14							$0			0	$0	$0	$0				0	#N/A	#N/A
15							$0			0	$0	$0	$0				0	#N/A	#N/A
16							$0			0	$0	$0	$0				0	#N/A	#N/A
17							$0			0	$0	$0	$0				0	#N/A	#N/A
18							$0			0	$0	$0	$0				0	#N/A	#N/A
19							$0			0	$0	$0	$0				0	#N/A	#N/A
20							$0			0	$0	$0	$0				0	#N/A	#N/A
21							$0			0	$0	$0	$0				0	#N/A	#N/A

A	MAINS - NEW											
	Operating Unit	ESTIMATED COST	A - First Priority Projects - Specifically Defined	A - Defined								
	26-Tennessee	Budget	A - First Priority Projects - Based on History	A - Historical								
	Business Plan Year	$91,166	B - Second Priority Projects - Specifically Defined	B - Defined								
	2014	Budget Reserve	B - Second Priority Projects - Based on History	B - Historical								
	Date Prepared	$0	C - Third Priority Projects - Specifically Defined	C - Defined								
	July 14, 2013	Overprogram	C - Third Priority Projects - Based on History	C - Historical								
		$0	Business Plan Year Total Project Costs	Total								
			PROJECT INFORMATION			UNITS			UNIT COST			
Priority No.	District	Budget / Budget Reserve / Overprogram	Project Title	Priority From List Above	Difference (dollars)	Estimated Quantity (each)	Actual Quantity (each)	Difference (each)	Estimated Unit Cost ($/unit)	Actual Unit Cost ($/unit)	Difference ($/unit)	
1	2602-TN-Chattanooga	Budget	Undefined new main	A - Historical	$0	0	0	0	$0	$0	$0	
2					$0	0	0	0	$0	$0	$0	
3					($91,166)	0	0	0	$0	$0	$0	
4					$0	0	0	0	$0	$0	$0	
5					$0	0	0	0	$0	$0	$0	
6					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
7					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
8					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
9					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
10					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
11					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
12					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
13					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
14					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
15					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
16					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
17					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
18					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
19					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
20					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
21					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	

B

MAINS - REPLACED / RESTORED				Est Cost	Act Cost	Difference	Est Qty	Act Qty	Difference	Est Unit Cost	Act Unit Cost	Difference
Operating Unit	**ESTIMATED COST**	**A** - First Priority Projects - Specifically Defined	A - Defined	$1,785,000	$0	($1,785,000)	14,387	0	(14,387)	$124	$0	($124)
26-Tennessee	**Budget**	**A** - First Priority Projects - Based on History	A - Historical	$0	$0	$0	0	0	0	$0	$0	$0
Business Plan Year	$1,785,000	**B** - Second Priority Projects - Specifically Defined	B - Defined	$0	$0	$0	0	0	0	$0	$0	$0
2014	**Budget Reserve**	**B** - Second Priority Projects - Based on History	B - Historical	$0	$0	$0	0	0	0	$0	$0	$0
Date Prepared	$0	**C** - Third Priority Projects - Specifically Defined	C - Defined	$0	$0	$0	0	0	0	$0	$0	$0
July 14, 2013	**Overprogram**	**C** - Third Priority Projects - Based on History	C - Historical	$0	$0	$0	0	0	0	$0	$0	$0
	$0	**Business Plan Year Total Project Costs**	**Total**	**$1,785,000**	**$0**	**($1,785,000)**	**14,387**	**0**	**(14,387)**	**$124**	**$0**	**($124)**

PROJECT INFORMATION					PROJECT COST			UNITS			UNIT COST			SIZE	REFERENCE	REPLACE or REHABILITATE							
Priority No.	**District**	**Budget Budget Reserve Overprogram**	**Project Title**	**Priority From List Above**	**Estimated Cost (dollars)**	**Actual Cost (dollars)**	**Difference (dollars)**	**Estimated Quantity (feet)**	**Actual Quantity (feet)**	**Difference (feet)**	**Estimated Unit Cost ($/foot)**	**Actual Unit Cost ($/foot)**	**Difference ($/foot)**	**Proposed Diameter (inches)**	**Work Order or WBS Element**	**Decision Tree Flowpath (e.g. 1-2-6-9-24)**	**Replace or Rehab Decision**	**Rehab Technology**	**Physical Cohort**	**Decade Installed**	**Existing Diameter**	**Main Break Frequency**	**Complaint Frequency**
1	2602-TN-Chattanooga	Budget	12 Avenue, 13th Avenue and 32 Street	A - Defined	$325,000		($325,000)	2,654		(2,654)	$122	$0	($122)	6"		1-2-3-10-17	Replace	N/A - Replacement Project				Greater than 4 Breaks/Year	Never
2	2602-TN-Chattanooga	Budget	Shannon Street	A - Defined	$100,000		($100,000)	823		(823)	$122	$0	($122)	6"		1-2-3-10-17	Replace	N/A - Replacement Project				2 to 4 Breaks/Year	Never
3	2602-TN-Chattanooga	Budget	Nawaka Avenue (Bishkoko & Monomow)	A - Defined	$160,000		($160,000)	1,731		(1,731)	$92	$0	($92)	8"		1-2-3-10-17	Replace	N/A - Replacement Project				2 to 4 Breaks/Year	Never
4	2602-TN-Chattanooga	Budget	Quinn Adams St.	A - Defined	$330,000		($330,000)	2,900		(2,900)	$110	$0	($110)	6"		1-2-3-10-17	Replace	N/A - Replacement Project				Greater than 4 Breaks/Year	Never
5	2602-TN-Chattanooga	Budget	Castle Ave	A - Defined	$90,000		($90,000)	700		(700)	$129	$0	($129)	6"		1-2-3-10-17	Replace	N/A - Replacement Project				1 to 2 Breaks/Year	Never
6	2602-TN-Chattanooga	Budget	3400 Block 1st Avenue	A - Defined	$25,000		($25,000)	220		(220)	$114	$0	($114)	6"		1-2-3-10-17	Replace	N/A - Replacement Project				1 to 2 Breaks/Year	Never
7	2602-TN-Chattanooga	Budget	1400 Block W 54th Street	A - Defined	$55,000		($55,000)	300		(300)	$183	$0	($183)	6"		1-2-3-10-17	Replace	N/A - Replacement Project				1 to 2 Breaks/Year	Never
8	2602-TN-Chattanooga	Budget	Crescent Park Drive	A - Defined	$80,000		($80,000)	645		(645)	$124	$0	($124)	6"		1-2-3-10-17	Replace	N/A - Replacement Project				1 to 2 Breaks/Year	Never
9	2602-TN-Chattanooga	Budget	Clearview Road	A - Defined	$50,000		($50,000)	262		(262)	$191	$0	($191)	6"		1-2-3-10-17	Replace	N/A - Replacement Project				1 to 2 Breaks/Year	Never
10	2602-TN-Chattanooga	Budget	Andrews Street	A - Defined	$145,000		($145,000)	1,040		(1,040)	$139	$0	($139)	6"		1-2-3-10-17	Replace	N/A - Replacement Project				1 to 2 Breaks/Year	Never
11	2602-TN-Chattanooga	Budget	Standifer Road	A - Defined	$90,000		($90,000)	1,152		(1,152)	$78	$0	($78)	6"		1-2-3-10-17	Replace	N/A - Replacement Project				1 to 2 Breaks/Year	Never
12	2602-TN-Chattanooga	Budget	Michigan Street	A - Defined	$120,000		($120,000)	535		(535)	$224	$0	($224)	6"		1-2-3-10-17	Replace	N/A - Replacement Project				1 to 2 Breaks/Year	Never
13	2602-TN-Chattanooga	Budget	Arlington Avenue	A - Defined	$100,000		($100,000)	775		(775)	$129	$0	($129)	8"		1-2-3-10-17	Replace	N/A - Replacement Project				1 to 2 Breaks/Year	Never
14	2602-TN-Chattanooga	Budget	35th Street Place	A - Defined	$125,000		($125,000)	650		(650)	$192	$0	($192)	8"		1-2-3-10-17	Replace	N/A - Replacement Project				1 to 2 Breaks/Year	Never
15							$0			0	$0	$0	$0										
16							$0			0	$0	$0	$0										
17							$0			0	$0	$0	$0										
18							$0			0	$0	$0	$0										
19							$0			0	$0	$0	$0										
20							$0			0	$0	$0	$0										
21							$0			0	$0	$0	$0										

B	MAINS - REPLACED / RESTORED										
	Operating Unit	**ESTIMATED COST**	**A** - First Priority Projects - Specifically Defined	A - Defined							
	26-Tennessee	**Budget**	**A** - First Priority Projects - Based on History	A - Historical							
	Business Plan Year	$1,785,000	**B** - Second Priority Projects - Specifically Defined	B - Defined							
	2014	**Budget Reserve**	**B** - Second Priority Projects - Based on History	B - Historical							**Worst Possible**
	Date Prepared	$0	**C** - Third Priority Projects - Specifically Defined	C - Defined							71
	July 14, 2013	**Overprogram**	**C** - Third Priority Projects - Based on History	C - Historical							**Best Possible**
		$0	**Business Plan Year Total Project Costs**	**Total**							6
	PROJECT INFORMATION				**PRIORITIZATION**						

Priority No.	District	Budget Budget Reserve Overprogram	Project Title	Priority From List Above	Primary Consequence of Failure	Hydraulic Adequacy	Fire Flow Adequacy	Customers of Most Concern	Coordination with Others	Extent of Customers Affected	Prioritization Score
1	2602-TN-Chattanooga	Budget	12 Avenue, 13th Avenue and 32 Street	A - Defined	Hydraulic Issues + Any Other	Inadequate Future Max Day	Adequate	Residential	None	Localized	#N/A
2	2602-TN-Chattanooga	Budget	Shannon Street	A - Defined	Hydraulic Issues + Any Other	Inadequate Future Max Day	Adequate	Residential	None	Localized	#N/A
3	2602-TN-Chattanooga	Budget	Nawaka Avenue (Bishkoko & Monomow)	A - Defined	Hydraulic Issues + Any Other	Inadequate Future Max Day	Adequate	Residential	None	Localized	#N/A
4	2602-TN-Chattanooga	Budget	Quinn Adams St.	A - Defined	Hydraulic Issues + Any Other	Inadequate Future Max Day	Adequate	Residential	None	Localized	#N/A
5	2602-TN-Chattanooga	Budget	Castle Ave	A - Defined	Hydraulic Issues + Any Other	Inadequate Future Max Day	Adequate	Residential	None	Localized	#N/A
6	2602-TN-Chattanooga	Budget	3400 Block 1st Avenue	A - Defined	Hydraulic Issues + Any Other	Inadequate Future Max Day	Adequate	Residential	None	Localized	#N/A
7	2602-TN-Chattanooga	Budget	1400 Block W 54th Street	A - Defined	Hydraulic Issues + Any Other	Inadequate Future Max Day	Adequate	Residential	None	Localized	#N/A
8	2602-TN-Chattanooga	Budget	Crescent Park Drive	A - Defined	Hydraulic Issues + Any Other	Inadequate Future Max Day	Adequate	Residential	None	Localized	#N/A
9	2602-TN-Chattanooga	Budget	Clearview Road	A - Defined	Hydraulic Issues + Any Other	Inadequate Future Max Day	Adequate	Residential	None	Localized	#N/A
10	2602-TN-Chattanooga	Budget	Andrews Street	A - Defined	Hydraulic Issues + Any Other	Inadequate Future Max Day	Adequate	Residential	None	Localized	#N/A
11	2602-TN-Chattanooga	Budget	Standifer Road	A - Defined	Hydraulic Issues + Any Other	Inadequate Future Max Day	Adequate	Residential	None	Localized	#N/A
12	2602-TN-Chattanooga	Budget	Michigan Street	A - Defined	Hydraulic Issues + Any Other	Inadequate Future Max Day	Adequate	Residential	None	Localized	#N/A
13	2602-TN-Chattanooga	Budget	Arlington Avenue	A - Defined	Hydraulic Issues + Any Other	Inadequate Future Max Day	Adequate	Residential	None	Localized	#N/A
14	2602-TN-Chattanooga	Budget	35th Street Place	A - Defined	Hydraulic Issues + Any Other	Inadequate Future Max Day	Adequate	Residential	None	Localized	#N/A
15											#N/A
16											#N/A
17											#N/A
18											#N/A
19											#N/A
20											#N/A
21											#N/A

C	MAINS - UNSCHEDULED				Est Cost	Act Cost	Difference	Est Qty	Act Qty	Difference	Est Unit Cost	Act Unit Cost	Difference			
	Operating Unit	ESTIMATED COST	A - First Priority Projects - Specifically Defined	A - Defined	$0	$0	$0	0	0	0	$0	$0	$0			
	26-Tennessee	Budget	A - First Priority Projects - Based on History	A - Historical	$1,200,000	$0	($1,200,000)	0	0	0	$0	$0	$0			
	Business Plan Year	$1,200,000	B - Second Priority Projects - Specifically Defined	B - Defined	$0	$0	$0	0	0	0	$0	$0	$0			
	2014	Budget Reserve	B - Second Priority Projects - Based on History	B - Historical	$0	$0	$0	0	0	0	$0	$0	$0			
	Date Prepared	$0	C - Third Priority Projects - Specifically Defined	C - Defined	$0	$0	$0	0	0	0	$0	$0	$0			
	July 14, 2013	Overprogram	C - Third Priority Projects - Based on History	C - Historical	$0	$0	$0	0	0	0	$0	$0	$0			
		$0	Business Plan Year Total Project Costs	Total	$1,200,000	$0	($1,200,000)	0	0	0	$0	$0	$0			
	PROJECT INFORMATION				PROJECT COST			UNITS			UNIT COST			REFERENCE	JUSTIFICATION	SUBTOTAL BY DISTRICT
Priority No.	District	Budget Reserve Overprogram	Project Title	Priority From List Above	Estimated Cost (dollars)	Actual Cost (dollars)	Difference (dollars)	Estimated Quantity (each)	Actual Quantity (each)	Difference (each)	Estimated Unit Cost ($/unit)	Actual Unit Cost ($/unit)	Difference ($/unit)	Work Order or WBS Element	Reason the project is needed. If based on history, provide historical information over an approximate three year time period.	District
1	2602-TN-Chattanooga	Budget	Unscheduled main breaks	A - Historical	$1,000,000		($1,000,000)			0	$0	$0	$0			2600-TN-Cap Growth Budget
2	2603-TN-Suck Creek	Budget	Unscheduled main breaks	A - Historical	$100,000		($100,000)			0	$0	$0	$0			2601-TN-Corporate
3	2604-TN-Lone Oak	Budget	Unscheduled main breaks	A - Historical	$100,000		($100,000)			0	$0	$0	$0			2602-TN-Chattanooga
4							$0			0	$0	$0	$0			2603-TN-Suck Creek
5							$0			0	$0	$0	$0			2604-TN-Lone Oak
6							$0			0	$0	$0	$0			0
7							$0			0	$0	$0	$0			0
8							$0			0	$0	$0	$0			0
9							$0			0	$0	$0	$0			0
10							$0			0	$0	$0	$0			0
11							$0			0	$0	$0	$0			0
12							$0			0	$0	$0	$0			0
13							$0			0	$0	$0	$0			0
14							$0			0	$0	$0	$0			0
15							$0			0	$0	$0	$0			0
16							$0			0	$0	$0	$0			0
17							$0			0	$0	$0	$0			0
18							$0			0	$0	$0	$0			0
19							$0			0	$0	$0	$0			0
20							$0			0	$0	$0	$0			0
21							$0			0	$0	$0	$0			0

C	MAINS - UNSCHEDULED			
	Operating Unit	**ESTIMATED COST**	**A** - First Priority Projects - Specifically Defined	A - Defined
	26-Tennessee	**Budget**	**A** - First Priority Projects - Based on History	A - Historical
	Business Plan Year	$1,200,000	**B** - Second Priority Projects - Specifically Defined	B - Defined
	2014	**Budget Reserve**	**B** - Second Priority Projects - Based on History	B - Historical
	Date Prepared	$0	**C** - Third Priority Projects - Specifically Defined	C - Defined
	July 14, 2013	**Overprogram**	**C** - Third Priority Projects - Based on History	C - Historical
		$0	**Business Plan Year Total Project Costs**	**Total**

	PROJECT INFORMATION				PROJECT COST			UNITS			UNIT COST		
Priority No.	**District**	**Budget Budget Reserve Overprogram**	**Project Title**	**Priority From List Above**	**Estimated Cost (dollars)**	**Actual Cost (dollars)**	**Difference (dollars)**	**Estimated Quantity (each)**	**Actual Quantity (each)**	**Difference (each)**	**Estimated Unit Cost ($/unit)**	**Actual Unit Cost ($/unit)**	**Difference ($/unit)**
1	2602-TN-Chattanooga	Budget	Unscheduled main breaks	A - Historical	$0	$0	$0	0	0	0	$0	$0	$0
2	2603-TN-Suck Creek	Budget	Unscheduled main breaks	A - Historical	$0	$0	$0	0	0	0	$0	$0	$0
3	2604-TN-Lone Oak	Budget	Unscheduled main breaks	A - Historical	$1,000,000	$0	($1,000,000)	0	0	0	$0	$0	$0
4					$100,000	$0	($100,000)	0	0	0	$0	$0	$0
5					$100,000	$0	($100,000)	0	0	0	$0	$0	$0
6					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
7					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
8					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
9					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
10					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
11					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
12					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
13					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
14					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
15					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
16					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
17					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
18					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
19					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
20					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
21					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A

D

MAINS - RELOCATED				Est Cost	Act Cost	Difference	Est Qty	Act Qty	Difference	Est Unit Cost	Act Unit Cost	Difference
Operating Unit	**ESTIMATED COST**	**A** - First Priority Projects - Specifically Defined	A - Defined	$0	$0	$0	0	0	0	$0	$0	$0
26-Tennessee	**Budget**	**A** - First Priority Projects - Based on History	A - Historical	$250,000	$0	($250,000)	2,500	0	(2,500)	$100	$0	($100)
Business Plan Year	$250,000	**B** - Second Priority Projects - Specifically Defined	B - Defined	$0	$0	$0	0	0	0	$0	$0	$0
2014	**Budget Reserve**	**B** - Second Priority Projects - Based on History	B - Historical	$0	$0	$0	0	0	0	$0	$0	$0
Date Prepared	$0	**C** - Third Priority Projects - Specifically Defined	C - Defined	$0	$0	$0	0	0	0	$0	$0	$0
July 14, 2013	**Overprogram**	**C** - Third Priority Projects - Based on History	C - Historical	$0	$0	$0	0	0	0	$0	$0	$0
	$0	**Business Plan Year Total Project Costs**	**Total**	**$250,000**	**$0**	**($250,000)**	**2,500**	**0**	**(2,500)**	**$100**	**$0**	**($100)**

	PROJECT INFORMATION				PROJECT COST			UNITS			UNIT COST			SIZE	REFERENCE	JUSTIFICATION	SUBTOTAL BY DISTRICT	
Priority No.	**District**	**Budget Budget Reserve Overprogram**	**Project Title**	**Priority From List Above**	**Estimated Cost (dollars)**	**Actual Cost (dollars)**	**Difference (dollars)**	**Estimated Quantity (feet)**	**Actual Quantity (feet)**	**Difference (feet)**	**Estimated Unit Cost ($/foot)**	**Actual Unit Cost ($/foot)**	**Difference ($/foot)**	**Diameter (inches)**	**Work Order or WBS Element**	**Reason the project is needed. If based on history, provide historical information over an approximate three year time period.**	**District**	**Estimated Cost (dollars)**
1	2602-TN-Chattanooga	Budget	Undefined main relocations	A - Historical	$250,000		($250,000)	2,500		(2,500)	$100	$0	($100)			Age of water mains; other proposed infrastructure work in close proximity	2600-TN-Cap Growth Budget	$0
2							$0			0	$0	$0	$0				2601-TN-Corporate	$0
3							$0			0	$0	$0	$0				2602-TN-Chattanooga	$250,000
4							$0			0	$0	$0	$0				2603-TN-Buck Creek	$0
5							$0			0	$0	$0	$0				2604-TN-Lone Oak	$0
6							$0			0	$0	$0	$0				0	#N/A
7							$0			0	$0	$0	$0				0	#N/A
8							$0			0	$0	$0	$0				0	#N/A
9							$0			0	$0	$0	$0				0	#N/A
10							$0			0	$0	$0	$0				0	#N/A
11							$0			0	$0	$0	$0				0	#N/A
12							$0			0	$0	$0	$0				0	#N/A
13							$0			0	$0	$0	$0				0	#N/A
14							$0			0	$0	$0	$0				0	#N/A
15							$0			0	$0	$0	$0				0	#N/A
16							$0			0	$0	$0	$0				0	#N/A
17							$0			0	$0	$0	$0				0	#N/A
18							$0			0	$0	$0	$0				0	#N/A
19							$0			0	$0	$0	$0				0	#N/A
20							$0			0	$0	$0	$0				0	#N/A
21							$0			0	$0	$0	$0				0	#N/A

D

MAINS - RELOCATED

Operating Unit	**ESTIMATED COST**	**A** - First Priority Projects - Specifically Defined	A - Defined
26-Tennessee	**Budget**	**A** - First Priority Projects - Based on History	A - Historical
Business Plan Year	$250,000	**B** - Second Priority Projects - Specifically Defined	B - Defined
2014	**Budget Reserve**	**B** - Second Priority Projects - Based on History	B - Historical
Date Prepared	$0	**C** - Third Priority Projects - Specifically Defined	C - Defined
July 14, 2013	**Overprogram**	**C** - Third Priority Projects - Based on History	C - Historical
	$0	**Business Plan Year Total Project Costs**	**Total**

PROJECT INFORMATION					**PROJECT COST**		**UNITS**			**UNIT COST**		
Priority No.	**District**	**Budget Budget Reserve Overprogram**	**Project Title**	**Priority From List Above**	**Actual Cost (dollars)**	**Difference (dollars)**	**Estimated Quantity (each)**	**Actual Quantity (each)**	**Difference (each)**	**Estimated Unit Cost ($/unit)**	**Actual Unit Cost ($/unit)**	**Difference ($/unit)**
1	2602-TN-Chattanooga	Budget	Undefined main relocations	A - Historical	$0	$0	0	0	0	$0	$0	$0
2					$0	$0	0	0	0	$0	$0	$0
3					$0	($250,000)	2,500	0	(2,500)	$100	$0	($100)
4					$0	$0	0	0	0	$0	$0	$0
5					$0	$0	0	0	0	$0	$0	$0
6					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
7					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
8					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
9					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
10					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
11					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
12					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
13					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
14					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
15					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
16					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
17					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
18					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
19					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
20					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
21					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A

E

HYDRANTS, VALVES, and MANHOLES - NEV				Est Cost	Act Cost	Difference	Est Qty	Act Qty	Difference	Est Unit Cost	Act Unit Cost	Difference			
Operating Unit	**ESTIMATED COST**	**A** - First Priority Projects - Specifically Defined	A - Defined	$42,797	$0	($42,797)	19	0	(19)	$2,252	$0	($2,252)			
26-Tennessee	**Budget**	**A** - First Priority Projects - Based on History	A - Historical	$0	$0	$0	0	0	0	$0	$0	$0			
Business Plan Year	$42,797	**B** - Second Priority Projects - Specifically Defined	B - Defined	$0	$0	$0	0	0	0	$0	$0	$0			
2014	**Budget Reserve**	**B** - Second Priority Projects - Based on History	B - Historical	$0	$0	$0	0	0	0	$0	$0	$0			
Date Prepared	$0	**C** - Third Priority Projects - Specifically Defined	C - Defined	$0	$0	$0	0	0	0	$0	$0	$0			
July 14, 2013	**Overprogram**	**C** - Third Priority Projects - Based on History	C - Historical	$0	$0	$0	0	0	0	$0	$0	$0			
	$0	**Business Plan Year Total Project Costs**	**Total**	**$42,797**	**$0**	**($42,797)**	**19**	**0**	**(19)**	**$2,252**	**$0**	**($2,252)**			
PROJECT INFORMATION				**PROJECT COST**			**UNITS**			**UNIT COST**			**REFERENCE**	**JUSTIFICATION**	**SUBTOTAL BY DISTRICT**

Priority No.	District	Budget Reserve Overprogram	Project Title	Priority From List Above	Estimated Cost (dollars)	Actual Cost (dollars)	Difference (dollars)	Estimated Quantity (each)	Actual Quantity (each)	Difference (each)	Estimated Unit Cost ($/unit)	Actual Unit Cost ($/unit)	Difference ($/unit)	Work Order or WBS Element	Reason the project is needed. If based on history, provide historical information over an approximate three year time period.	District
1	2602-TN-Chattanooga	Budget		A - Defined	$34,797		($34,797)	15		(15)	$2,320	$0	($2,320)		New hydrants, valves, and manholes per water main extensions listed in RP Line A	2600-TN-Cap Growth Budget
2	2603-TN-Suck Creek	Budget		A - Defined	$4,000		($4,000)	2		(2)	$2,000	$0	($2,000)		New hydrants, valves, and manholes per water main extensions listed in RP Line A	2601-TN-Corporate
3	2604-TN-Lone Oak	Budget		A - Defined	$4,000		($4,000)	2		(2)	$2,000	$0	($2,000)		New hydrants, valves, and manholes per water main extensions listed in RP Line A	2602-TN-Chattanooga
4							$0			0	$0	$0	$0			2603-TN-Suck Creek
5							$0			0	$0	$0	$0			2604-TN-Lone Oak
6							$0			0	$0	$0	$0			0
7							$0			0	$0	$0	$0			0
8							$0			0	$0	$0	$0			0
9							$0			0	$0	$0	$0			0
10							$0			0	$0	$0	$0			0
11							$0			0	$0	$0	$0			0
12							$0			0	$0	$0	$0			0
13							$0			0	$0	$0	$0			0
14							$0			0	$0	$0	$0			0
15							$0			0	$0	$0	$0			0
16							$0			0	$0	$0	$0			0
17							$0			0	$0	$0	$0			0
18							$0			0	$0	$0	$0			0
19							$0			0	$0	$0	$0			0
20							$0			0	$0	$0	$0			0
21							$0			0	$0	$0	$0			0

E

HYDRANTS, VALVES, and MANHOLES - NEV

Operating Unit	**ESTIMATED COST**	**A** - First Priority Projects - Specifically Defined	A - Defined
26-Tennessee	**Budget**	**A** - First Priority Projects - Based on History	A - Historical
Business Plan Year	$42,797	**B** - Second Priority Projects - Specifically Defined	B - Defined
2014	**Budget Reserve**	**B** - Second Priority Projects - Based on History	B - Historical
Date Prepared	$0	**C** - Third Priority Projects - Specifically Defined	C - Defined
July 14, 2013	**Overprogram**	**C** - Third Priority Projects - Based on History	C - Historical
	$0	**Business Plan Year Total Project Costs**	**Total**

PROJECT INFORMATION					PROJECT COST			UNITS			UNIT COST		
Priority No.	**District**	**Budget Budget Reserve Overprogram**	**Project Title**	**Priority From List Above**	**Estimated Cost (dollars)**	**Actual Cost (dollars)**	**Difference (dollars)**	**Estimated Quantity (each)**	**Actual Quantity (each)**	**Difference (each)**	**Estimated Unit Cost ($/unit)**	**Actual Unit Cost ($/unit)**	**Difference ($/unit)**
1	2602-TN-Chattanooga	Budget		A - Defined	$0	$0	$0	0	0	0	$0	$0	$0
2	2603-TN-Suck Creek	Budget		A - Defined	$0	$0	$0	0	0	0	$0	$0	$0
3	2604-TN-Lone Oak	Budget		A - Defined	$34,797	$0	($34,797)	15	0	(15)	$2,320	$0	($2,320)
4					$4,000	$0	($4,000)	2	0	(2)	$2,000	$0	($2,000)
5					$4,000	$0	($4,000)	2	0	(2)	$2,000	$0	($2,000)
6					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
7					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
8					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
9					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
10					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
11					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
12					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
13					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
14					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
15					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
16					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
17					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
18					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
19					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
20					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
21					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A

F

HYDRANTS, VALVES, and MANHOLES - REPLACE!				Est Cost	Act Cost	Difference	Est Qty	Act Qty	Difference	Est Unit Cost	Act Unit Cost	Difference			
Operating Unit	**ESTIMATED COST**	**A** - First Priority Projects - Specifically Defined	A - Defined	$365,034	$0	($365,034)	36	0	(36)	$10,140	$0	($10,140)			
26-Tennessee	**Budget**	**A** - First Priority Projects - Based on History	A - Historical	$0	$0	$0	0	0	0	$0	$0	$0			
Business Plan Year	$365,034	**B** - Second Priority Projects - Specifically Defined	B - Defined	$0	$0	$0	0	0	0	$0	$0	$0			
2014	**Budget Reserve**	**B** - Second Priority Projects - Based on History	B - Historical	$0	$0	$0	0	0	0	$0	$0	$0			
Date Prepared	$0	**C** - Third Priority Projects - Specifically Defined	C - Defined	$0	$0	$0	0	0	0	$0	$0	$0			
July 14, 2013	**Overprogram**	**C** - Third Priority Projects - Based on History	C - Historical	$0	$0	$0	0	0	0	$0	$0	$0			
	$0	**Business Plan Year Total Project Costs**	**Total**	**$365,034**	**$0**	**($365,034)**	**36**	**0**	**(36)**	**$10,140**	**$0**	**($10,140)**			
	PROJECT INFORMATION			**PROJECT COST**			**UNITS**			**UNIT COST**			**REFERENCE**	**JUSTIFICATION**	**SUBTOTAL BY DISTRICT**

Priority No.	District	Budget Reserve Overprogram	Project Title	Priority From List Above	Estimated Cost (dollars)	Actual Cost (dollars)	Difference (dollars)	Estimated Quantity (each)	Actual Quantity (each)	Difference (each)	Estimated Unit Cost ($/unit)	Actual Unit Cost ($/unit)	Difference ($/unit)	Work Order or WBS Element	Reason the project is needed. If based on history, provide historical information over an approximate three year time period.	District
1	2602-TN-Chattanooga	Budget	Broken Valves	A - Defined	$79,000		($79,000)	20		(20)	$3,950	$0	($3,950)		Found broken valve	2600-TN-Cap Growth Budget
2	2603-TN-Suck Creek	Budget	Broken Valves	A - Defined	$10,000		($10,000)	3		(3)	$3,333	$0	($3,333)		Found broken valve	2601-TN-Corporate
3	2604-TN-Lone Oak	Budget	Broken Valves	A - Defined	$10,000		($10,000)	3		(3)	$3,333	$0	($3,333)		Found broken valve	2602-TN-Chattanooga
4	2602-TN-Chattanooga	Budget	Large Broken Valves	A - Defined	$266,034		($266,034)	10		(10)	$26,603	$0	($26,603)			2603-TN-Suck Creek
5							$0			0	$0	$0	$0			2604-TN-Lone Oak
6							$0			0	$0	$0	$0			0
7							$0			0	$0	$0	$0			0
8							$0			0	$0	$0	$0			0
9							$0			0	$0	$0	$0			0
10							$0			0	$0	$0	$0			0
11							$0			0	$0	$0	$0			0
12							$0			0	$0	$0	$0			0
13							$0			0	$0	$0	$0			0
14							$0			0	$0	$0	$0			0
15							$0			0	$0	$0	$0			0
16							$0			0	$0	$0	$0			0
17							$0			0	$0	$0	$0			0
18							$0			0	$0	$0	$0			0
19							$0			0	$0	$0	$0			0
20							$0			0	$0	$0	$0			0
21							$0			0	$0	$0	$0			0

F

HYDRANTS, VALVES, and MANHOLES - REPLACE!			
Operating Unit	**ESTIMATED COST**	**A** - First Priority Projects - Specifically Defined	A - Defined
26-Tennessee	**Budget**	**A** - First Priority Projects - Based on History	A - Historical
Business Plan Year	$365,034	**B** - Second Priority Projects - Specifically Defined	B - Defined
2014	**Budget Reserve**	**B** - Second Priority Projects - Based on History	B - Historical
Date Prepared	$0	**C** - Third Priority Projects - Specifically Defined	C - Defined
July 14, 2013	**Overprogram**	**C** - Third Priority Projects - Based on History	C - Historical
	$0	**Business Plan Year Total Project Costs**	**Total**

PROJECT INFORMATION					PROJECT COST			UNITS			UNIT COST		
Priority No.	**District**	**Budget Budget Reserve Overprogram**	**Project Title**	**Priority From List Above**	**Estimated Cost (dollars)**	**Actual Cost (dollars)**	**Difference (dollars)**	**Estimated Quantity (each)**	**Actual Quantity (each)**	**Difference (each)**	**Estimated Unit Cost ($/unit)**	**Actual Unit Cost ($/unit)**	**Difference ($/unit)**
1	2602-TN-Chattanooga	Budget	Broken Valves	A - Defined	$0	$0	$0	0	0	0	$0	$0	$0
2	2603-TN-Suck Creek	Budget	Broken Valves	A - Defined	$0	$0	$0	0	0	0	$0	$0	$0
3	2604-TN-Lone Oak	Budget	Broken Valves	A - Defined	$345,034	$0	($345,034)	30	0	(30)	$30,553	$0	($30,553)
4	2602-TN-Chattanooga	Budget	Large Broken Valves	A - Defined	$10,000	$0	($10,000)	3	0	(3)	$3,333	$0	($3,333)
5					$10,000	$0	($10,000)	3	0	(3)	$3,333	$0	($3,333)
6					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
7					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
8					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
9					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
10					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
11					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
12					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
13					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
14					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
15					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
16					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
17					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
18					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
19					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
20					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
21					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A

G

SERVICES and LATERALS - NEW				Est Cost	Act Cost	Difference	Est Qty	Act Qty	Difference	Est Unit Cost	Act Unit Cost	Difference			
Operating Unit	**ESTIMATED COST**	**A** - First Priority Projects - Specifically Defined	A - Defined	$0	$0	$0	0	0	0	$0	$0	$0			
26-Tennessee	**Budget**	**A** - First Priority Projects - Based on History	A - Historical	$461,000	$0	($461,000)	350	0	(350)	$1,317	$0	($1,317)			
Business Plan Year	$461,000	**B** - Second Priority Projects - Specifically Defined	B - Defined	$0	$0	$0	0	0	0	$0	$0	$0			
2014	**Budget Reserve**	**B** - Second Priority Projects - Based on History	B - Historical	$0	$0	$0	0	0	0	$0	$0	$0			
Date Prepared	$0	**C** - Third Priority Projects - Specifically Defined	C - Defined	$0	$0	$0	0	0	0	$0	$0	$0			
July 14, 2013	**Overprogram**	**C** - Third Priority Projects - Based on History	C - Historical	$0	$0	$0	0	0	0	$0	$0	$0			
	$0	**Business Plan Year Total Project Costs**	**Total**	**$461,000**	**$0**	**($461,000)**	**350**	**0**	**(350)**	**$1,317**	**$0**	**($1,317)**			
	PROJECT INFORMATION			**PROJECT COST**			**UNITS**			**UNIT COST**			**REFERENCE**	**JUSTIFICATION**	**SUBTOTAL BY DISTRICT**

Priority No.	District	Budget Reserve Overprogram	Project Title	Priority From List Above	Estimated Cost (dollars)	Actual Cost (dollars)	Difference (dollars)	Estimated Quantity (each)	Actual Quantity (each)	Difference (each)	Estimated Unit Cost ($/unit)	Actual Unit Cost ($/unit)	Difference ($/unit)	Work Order or WBS Element	Reason the project is needed. If based on history, provide historical information over an approximate three year time period.	District
1	2602-TN-Chattanooga	Budget	Service installed for new development - based on history	A - Historical	$461,000		($461,000)	350		(350)	$1,317	$0	($1,317)		New installations - anticipated growth	2600-TN-Cap Growth Budget
2					$0		$0			0	$0	$0	$0			2601-TN-Corporate
3					$0		$0			0	$0	$0	$0			2602-TN-Chattanooga
4					$0		$0			0	$0	$0	$0			2603-TN-Suck Creek
5					$0		$0			0	$0	$0	$0			2604-TN-Lone Oak
6					$0		$0			0	$0	$0	$0			0
7					$0		$0			0	$0	$0	$0			0
8					$0		$0			0	$0	$0	$0			0
9					$0		$0			0	$0	$0	$0			0
10					$0		$0			0	$0	$0	$0			0
11					$0		$0			0	$0	$0	$0			0
12					$0		$0			0	$0	$0	$0			0
13					$0		$0			0	$0	$0	$0			0
14					$0		$0			0	$0	$0	$0			0
15					$0		$0			0	$0	$0	$0			0
16					$0		$0			0	$0	$0	$0			0
17					$0		$0			0	$0	$0	$0			0
18					$0		$0			0	$0	$0	$0			0
19					$0		$0			0	$0	$0	$0			0
20					$0		$0			0	$0	$0	$0			0
21					$0		$0			0	$0	$0	$0			0

G	SERVICES and LATERALS - NEW												
	Operating Unit	**ESTIMATED COST**	**A** - First Priority Projects - Specifically Defined	A - Defined									
	26-Tennessee	**Budget**	**A** - First Priority Projects - Based on History	A - Historical									
	Business Plan Year	$461,000	**B** - Second Priority Projects - Specifically Defined	B - Defined									
	2014	**Budget Reserve**	**B** - Second Priority Projects - Based on History	B - Historical									
	Date Prepared	$0	**C** - Third Priority Projects - Specifically Defined	C - Defined									
	July 14, 2013	**Overprogram**	**C** - Third Priority Projects - Based on History	C - Historical									
		$0	**Business Plan Year Total Project Costs**	**Total**									
	PROJECT INFORMATION				**PROJECT COST**			**UNITS**			**UNIT COST**		
Priority No.	**District**	**Budget / Budget Reserve / Overprogram**	**Project Title**	**Priority From List Above**	**Estimated Cost (dollars)**	**Actual Cost (dollars)**	**Difference (dollars)**	**Estimated Quantity (each)**	**Actual Quantity (each)**	**Difference (each)**	**Estimated Unit Cost ($/unit)**	**Actual Unit Cost ($/unit)**	**Difference ($/unit)**
1	2602-TN-Chattanooga	Budget	Service installed for new development - based on history	A - Historical	$0	$0	$0	0	0	0	$0	$0	$0
2					$0	$0	$0	0	0	0	$0	$0	$0
3					$461,000	$0	($461,000)	350	0	(350)	$1,317	$0	($1,317)
4					$0	$0	$0	0	0	0	$0	$0	$0
5					$0	$0	$0	0	0	0	$0	$0	$0
6					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
7					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
8					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
9					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
10					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
11					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
12					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
13					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
14					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
15					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
16					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
17					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
18					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
19					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
20					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
21					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A

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				Est Cost	Act Cost	Difference	Est Qty	Act Qty	Difference	Est Unit Cost	Act Unit Cost	Difference			
	SERVICES and LATERALS - REPLACE														
	Operating Unit	**ESTIMATED COST**	**A** - First Priority Projects - Specifically Defined	A - Defined	$0	$0	$0	0	0	0	$0	$0	$0			
	26-Tennessee	**Budget**	**A** - First Priority Projects - Based on History	A - Historical	$246,000	$0	($246,000)	150	0	(150)	$1,640	$0	($1,640)			
	Business Plan Year	$246,000	**B** - Second Priority Projects - Specifically Defined	B - Defined	$0	$0	$0	0	0	0	$0	$0	$0			
	2014	**Budget Reserve**	**B** - Second Priority Projects - Based on History	B - Historical	$0	$0	$0	0	0	0	$0	$0	$0			
	Date Prepared	$0	**C** - Third Priority Projects - Specifically Defined	C - Defined	$0	$0	$0	0	0	0	$0	$0	$0			
	July 14, 2013	**Overprogram**	**C** - Third Priority Projects - Based on History	C - Historical	$0	$0	$0	0	0	0	$0	$0	$0			
		$0	**Business Plan Year Total Project Costs**	**Total**	**$246,000**	**$0**	**($246,000)**	**150**	**0**	**(150)**	**$1,640**	**$0**	**($1,640)**			
	PROJECT INFORMATION				**PROJECT COST**			**UNITS**			**UNIT COST**			**REFERENCE**	**JUSTIFICATION**	**SUBTOTAL BY DISTRICT**
Priority No.	**District**	**Budget Reserve Overprogram**	**Project Title**	**Priority From List Above**	**Estimated Cost (dollars)**	**Actual Cost (dollars)**	**Difference (dollars)**	**Estimated Quantity (each)**	**Actual Quantity (each)**	**Difference (each)**	**Estimated Unit Cost ($/unit)**	**Actual Unit Cost ($/unit)**	**Difference ($/unit)**	**Work Order or WBS Element**	**Reason the project is needed. If based on history, provide historical information over an approximate three year time period.**	**District**
1	2602-TN-Chattanooga	Budget	Renewals for lead and iron pipe	A - Historical	$246,000		($246,000)	150		(150)	$1,640	$0	($1,640)		Historical data	2600-TN-Cap Growth Budget
2							$0			0	$0	$0	$0			2601-TN-Corporate
3							$0			0	$0	$0	$0			2602-TN-Chattanooga
4							$0			0	$0	$0	$0			2603-TN-Suck Creek
5							$0			0	$0	$0	$0			2604-TN-Lone Oak
6							$0			0	$0	$0	$0			0
7							$0			0	$0	$0	$0			0
8							$0			0	$0	$0	$0			0
9							$0			0	$0	$0	$0			0
10							$0			0	$0	$0	$0			0
11							$0			0	$0	$0	$0			0
12							$0			0	$0	$0	$0			0
13							$0			0	$0	$0	$0			0
14							$0			0	$0	$0	$0			0
15							$0			0	$0	$0	$0			0
16							$0			0	$0	$0	$0			0
17							$0			0	$0	$0	$0			0
18							$0			0	$0	$0	$0			0
19							$0			0	$0	$0	$0			0
20							$0			0	$0	$0	$0			0
21							$0			0	$0	$0	$0			0

H	SERVICES and LATERALS - REPLACE(												
	Operating Unit	**ESTIMATED COST**	**A** - First Priority Projects - Specifically Defined	A - Defined									
	26-Tennessee	**Budget**	**A** - First Priority Projects - Based on History	A - Historical									
	Business Plan Year	$246,000	**B** - Second Priority Projects - Specifically Defined	B - Defined									
	2014	**Budget Reserve**	**B** - Second Priority Projects - Based on History	B - Historical									
	Date Prepared	$0	**C** - Third Priority Projects - Specifically Defined	C - Defined									
	July 14, 2013	**Overprogram**	**C** - Third Priority Projects - Based on History	C - Historical									
		$0	**Business Plan Year Total Project Costs**	**Total**									
	PROJECT INFORMATION				**PROJECT COST**			**UNITS**			**UNIT COST**		
Priority No.	**District**	**Budget Budget Reserve Overprogram**	**Project Title**	**Priority From List Above**	**Estimated Cost (dollars)**	**Actual Cost (dollars)**	**Difference (dollars)**	**Estimated Quantity (each)**	**Actual Quantity (each)**	**Difference (each)**	**Estimated Unit Cost ($/unit)**	**Actual Unit Cost ($/unit)**	**Difference ($/unit)**
1	2602-TN-Chattanooga	Budget	Renewals for lead and iron pipe	A - Historical	$0	$0	$0	0	0	0	$0	$0	$0
2					$0	$0	$0	0	0	0	$0	$0	$0
3					$246,000	$0	($246,000)	150	0	(150)	$1,640	$0	($1,640)
4					$0	$0	$0	0	0	0	$0	$0	$0
5					$0	$0	$0	0	0	0	$0	$0	$0
6					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
7					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
8					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
9					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
10					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
11					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
12					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
13					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
14					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
15					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
16					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
17					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
18					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
19					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
20					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
21					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A

	METERS - NEW				Est Cost	Act Cost	Difference	Est Qty	Act Qty	Difference	Est Unit Cost	Act Unit Cost	Difference					
	Operating Unit	**ESTIMATED COST**	**A** - First Priority Projects - Specifically Defined	A - Defined	$0	$0	$0	0	0	0	$0	$0	$0					
	26-Tennessee	**Budget**	**A** - First Priority Projects - Based on History	A - Historical	$562,415	$0	($562,415)	640	0	(640)	$879	$0	($879)					
	Business Plan Year	$562,415	**B** - Second Priority Projects - Specifically Defined	B - Defined	$0	$0	$0	0	0	0	$0	$0	$0					
	2014	**Budget Reserve**	**B** - Second Priority Projects - Based on History	B - Historical	$0	$0	$0	0	0	0	$0	$0	$0					
	Date Prepared	$0	**C** - Third Priority Projects - Specifically Defined	C - Defined	$0	$0	$0	0	0	0	$0	$0	$0					
	July 14, 2013	**Overprogram**	**C** - Third Priority Projects - Based on History	C - Historical	$0	$0	$0	0	0	0	$0	$0	$0					
		$0	**Business Plan Year Total Project Costs**	**Total**	**$562,415**	**$0**	**($562,415)**	**640**	**0**	**(640)**	**$879**	**$0**	**($879)**					
		PROJECT INFORMATION			**PROJECT COST**			**UNITS**			**UNIT COST**			**SIZE**	**REFERENCE**	**JUSTIFICATION**	**SUBTOTAL BY DISTRICT**	

Priority No.	District	Budget Budget Reserve Overprogram	Project Title	Priority From List Above	Estimated Cost (dollars)	Actual Cost (dollars)	Difference (dollars)	Estimated Quantity (each)	Actual Quantity (each)	Difference (each)	Estimated Unit Cost ($/unit)	Actual Unit Cost ($/unit)	Difference ($/unit)	Diameter (inches) OPTIONAL	Work Order or WBS Element	Reason the project is needed. If based on history, provide historical information over an approximate three year time period.	District	Estimated Cost (dollars)
1	2602-TN-Chattanooga	Budget	New Installations (Meter & Setter)	A - Historical	$540,000		($540,000)	614		(614)	$879	$0	($879)			New Installations - anticipated growth	2600-TN-Cap Growth Budget	$0
2	2603-TN-Suck Creek	Budget	New Installations (Meter & Setter)	A - Historical	$11,415		($11,415)	13		(13)	$878	$0	($878)			New Installations - anticipated growth	2601-TN-Corporate	$0
3	2604-TN-Lone Oak	Budget	New Installations (Meter & Setter)	A - Historical	$11,000		($11,000)	13		(13)	$846	$0	($846)			New Installations - anticipated growth	2602-TN-Chattanooga	$540,000
4							$0			0	$0	$0	$0				2603-TN-Suck Creek	$11,415
5							$0			0	$0	$0	$0				2604-TN-Lone Oak	$11,000
6							$0			0	$0	$0	$0				0	#N/A
7							$0			0	$0	$0	$0				0	#N/A
8							$0			0	$0	$0	$0				0	#N/A
9							$0			0	$0	$0	$0				0	#N/A
10							$0			0	$0	$0	$0				0	#N/A
11							$0			0	$0	$0	$0				0	#N/A
12							$0			0	$0	$0	$0				0	#N/A
13							$0			0	$0	$0	$0				0	#N/A
14							$0			0	$0	$0	$0				0	#N/A
15							$0			0	$0	$0	$0				0	#N/A
16							$0			0	$0	$0	$0				0	#N/A
17							$0			0	$0	$0	$0				0	#N/A
18							$0			0	$0	$0	$0				0	#N/A
19							$0			0	$0	$0	$0				0	#N/A
20							$0			0	$0	$0	$0				0	#N/A
21							$0			0	$0	$0	$0				0	#N/A

	METERS - NEW												
	Operating Unit	**ESTIMATED COST**	**A** - First Priority Projects - Specifically Defined	A - Defined									
	26-Tennessee	**Budget**	**A** - First Priority Projects - Based on History	A - Historical									
	Business Plan Year	$562,415	**B** - Second Priority Projects - Specifically Defined	B - Defined									
I	2014	**Budget Reserve**	**B** - Second Priority Projects - Based on History	B - Historical									
	Date Prepared	$0	**C** - Third Priority Projects - Specifically Defined	C - Defined									
	July 14, 2013	**Overprogram**	**C** - Third Priority Projects - Based on History	C - Historical									
		$0	**Business Plan Year Total Project Costs**	**Total**									
	PROJECT INFORMATION				**PROJECT COST**		**UNITS**				**UNIT COST**		
Priority No.	**District**	**Budget Budget Reserve Overprogram**	**Project Title**	**Priority From List Above**	**Actual Cost (dollars)**	**Difference (dollars)**	**Estimated Quantity (each)**	**Actual Quantity (each)**	**Difference (each)**	**Estimated Unit Cost ($/unit)**	**Actual Unit Cost ($/unit)**	**Difference ($/unit)**
1	2602-TN-Chattanooga	Budget	New Installations (Meter & Setter)	A - Historical	$0	$0	0	0	0	$0	$0	$0
2	2603-TN-Suck Creek	Budget	New Installations (Meter & Setter)	A - Historical	$0	$0	0	0	0	$0	$0	$0
3	2604-TN-Lone Oak	Budget	New Installations (Meter & Setter)	A - Historical	$0	($540,000)	614	0	(614)	$879	$0	($879)
4					$0	($11,415)	13	0	(13)	$878	$0	($878)
5					$0	($11,000)	13	0	(13)	$846	$0	($846)
6					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
7					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
8					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
9					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
10					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
11					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
12					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
13					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
14					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
15					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
16					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
17					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
18					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
19					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
20					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
21					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A

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					Est Cost	Act Cost	Difference	Est Qty	Act Qty	Difference	Est Unit Cost	Act Unit Cost	Difference
Operating Unit	**ESTIMATED COST**	**A** - First Priority Projects - Specifically Defined	A - Defined		$0	$0	$0	0	0	0	$0	$0	$0
26-Tennessee	**Budget**	**A** - First Priority Projects - Based on History	A - Historical		$663,078	$0	($663,078)	4,436	0	(4,436)	$149	$0	($149)
Business Plan Year	$663,078	**B** - Second Priority Projects - Specifically Defined	B - Defined		$0	$0	$0	0	0	0	$0	$0	$0
2014	**Budget Reserve**	**B** - Second Priority Projects - Based on History	B - Historical		$0	$0	$0	0	0	0	$0	$0	$0
Date Prepared	$0	**C** - Third Priority Projects - Specifically Defined	C - Defined		$0	$0	$0	0	0	0	$0	$0	$0
July 14, 2013	**Overprogram**	**C** - Third Priority Projects - Based on History	C - Historical		$0	$0	$0	0	0	0	$0	$0	$0
	$0	**Business Plan Year Total Project Costs**	**Total**		**$663,078**	**$0**	**($663,078)**	**4,436**	**0**	**(4,436)**	**$149**	**$0**	**($149)**

	PROJECT INFORMATION				PROJECT COST			UNITS			UNIT COST			SIZE	REFERENCE	JUSTIFICATION	SUBTOTAL BY DISTRICT	
Priority No.	**District**	**Budget Budget Reserve Overprogram**	**Project Title**	**Priority From List Above**	**Estimated Cost (dollars)**	**Actual Cost (dollars)**	**Difference (dollars)**	**Estimated Quantity (each)**	**Actual Quantity (each)**	**Difference (each)**	**Estimated Unit Cost ($/unit)**	**Actual Unit Cost ($/unit)**	**Difference ($/unit)**	**Diameter (inches) OPTIONAL**	**Work Order or WBS Element**	**Reason the project is needed. If based on history, provide historical information over an approximate three year time period.**	**District**	**Estimated Cost (dollars)**
1	2602-TN-Chattanooga	Budget	LOS	A - Historical	$592,683		($592,083)	4,193		(4,193)	$141	$0	($141)			Regulatory requirement	2600-TN-Cap Growth Budget	$0
2	2603-TN-Suck Creek	Budget	LOS	A - Historical	$3,640		($3,640)	25		(25)	$146	$0	($146)			Regulatory requirement	2601-TN-Corporate	$0
3	2604-TN-Lone Oak	Budget	LOS	A - Historical	$3,641		($3,641)	25		(25)	$146	$0	($146)			Regulatory requirement	2602-TN-Chattanooga	$685,797
4	2602-TN-Chattanooga	Budget	Renewals	A - Historical	$63,114		($63,114)	193		(193)	$327	$0	($327)			Anticipated renewals.	2603-TN-Suck Creek	$3,640
5					$0		$0			0	$0	$0	$0				2604-TN-Lone Oak	$3,641
6					$0		$0			0	$0	$0	$0				0	#N/A
7					$0		$0			0	$0	$0	$0				0	#N/A
8					$0		$0			0	$0	$0	$0				0	#N/A
9					$0		$0			0	$0	$0	$0				0	#N/A
10					$0		$0			0	$0	$0	$0				0	#N/A
11					$0		$0			0	$0	$0	$0				0	#N/A
12					$0		$0			0	$0	$0	$0				0	#N/A
13					$0		$0			0	$0	$0	$0				0	#N/A
14					$0		$0			0	$0	$0	$0				0	#N/A
15					$0		$0			0	$0	$0	$0				0	#N/A
16					$0		$0			0	$0	$0	$0				0	#N/A
17					$0		$0			0	$0	$0	$0				0	#N/A
18					$0		$0			0	$0	$0	$0				0	#N/A
19					$0		$0			0	$0	$0	$0				0	#N/A
20					$0		$0			0	$0	$0	$0				0	#N/A
21					$0		$0			0	$0	$0	$0				0	#N/A

J

METERS - REPLACED

Operating Unit	**ESTIMATED COST**	**A** - First Priority Projects - Specifically Defined	A - Defined
26-Tennessee	**Budget**	**A** - First Priority Projects - Based on History	A - Historical
Business Plan Year	$663,078	**B** - Second Priority Projects - Specifically Defined	B - Defined
2014	**Budget Reserve**	**B** - Second Priority Projects - Based on History	B - Historical
Date Prepared	$0	**C** - Third Priority Projects - Specifically Defined	C - Defined
July 14, 2013	**Overprogram**	**C** - Third Priority Projects - Based on History	C - Historical
	$0	**Business Plan Year Total Project Costs**	**Total**

PROJECT INFORMATION					**PROJECT COST**		**UNITS**				**UNIT COST**		
Priority No.	**District**	**Budget Budget Reserve Overprogram**	**Project Title**	**Priority From List Above**	**Actual Cost (dollars)**	**Difference (dollars)**	**Estimated Quantity (each)**	**Actual Quantity (each)**	**Difference (each)**	**Estimated Unit Cost ($/unit)**	**Actual Unit Cost ($/unit)**	**Difference ($/unit)**
1	2602-TN-Chattanooga	Budget	LOS	A - Historical	$0	$0	0	0	0	$0	$0	$0
2	2603-TN-Suck Creek	Budget	LOS	A - Historical	$0	$0	0	0	0	$0	$0	$0
3	2604-TN-Lone Oak	Budget	LOS	A - Historical	$0	($655,797)	4,386	0	(4,386)	$468	$0	($468)
4	2602-TN-Chattanooga	Budget	Renewals	A - Historical	$0	($3,640)	25	0	(25)	$146	$0	($146)
5					$0	($3,641)	25	0	(25)	$146	$0	($146)
6					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
7					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
8					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
9					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
10					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
11					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
12					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
13					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
14					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
15					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
16					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
17					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
18					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
19					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
20					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
21					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A

K

ITS EQUIPMENT and SYSTEMS				Est Cost	Act Cost	Difference	Est Qty	Act Qty	Difference
Operating Unit	**ESTIMATED COST**	**A** - First Priority Projects - Specifically Defined	A - Defined	$20,306	$0	($20,306)	10	0	(10)
26-Tennessee	**Budget**	**A** - First Priority Projects - Based on History	A - Historical	$0	$0	$0	0	0	0
Business Plan Year	$148,662	**B** - Second Priority Projects - Specifically Defined	B - Defined	$91,949	$0	($91,949)	25	0	(25)
2014	**Budget Reserve**	**B** - Second Priority Projects - Based on History	B - Historical	$2,472	$0	($2,472)	0	0	0
Date Prepared	$0	**C** - Third Priority Projects - Specifically Defined	C - Defined	$33,935	$0	($33,935)	3	0	(3)
July 14, 2013	**Overprogram**	**C** - Third Priority Projects - Based on History	C - Historical	$0	$0	$0	0	0	0
	$0	**Business Plan Year Total Project Costs**	**Total**	**$148,662**	**$0**	**($148,662)**	**38**	**0**	**(38)**

PROJECT INFORMATION					PROJECT COST			UNITS			UNIT COST			REFERENCE	JUSTIFICATION	VOW SPREAD (optional)							
Priority No.	**District**	**Budget Budget Reserve Overprogram**	**Project Title**	**Priority From List Above**	**Estimated Cost (dollars)**	**Actual Cost (dollars)**	**Difference (dollars)**	**Estimated Quantity (each)**	**Actual Quantity (each)**	**Difference (each)**	**Estimated Unit Cost ($/unit)**	**Actual Unit Cost ($/unit)**	**Difference ($/unit)**	**Work Order or WBS Element**	**Reason the project is needed. If based on history, provide historical information over an approximate three year time period.**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**
1	2602-TN-Chattanooga	Budget	Computers	A - Defined	$20,306		($20,306)	10		(10)	$2,031	$0	($2,031)		Lifecycle Replacements	$0	$10,153	$0	$10,153	$0	$0	$0	$0
2	2602-TN-Chattanooga	Budget	Servers	B - Defined	$8,360		($8,360)	1		(1)	$8,360	$0	($8,360)		Lifecycle Replacements	$0	$8,360	$0	$0	$0	$0	$0	$0
3	2602-TN-Chattanooga	Budget	Backup Devices - Tape Drive	B - Defined	$0		$0	0		0	$0	$0	$0		Lifecycle Replacements	$0	$0	$0	$0	$0	$0	$0	$0
4	2602-TN-Chattanooga	Budget	Routers	B - Defined	$9,405		($9,405)	1		(1)	$9,405	$0	($9,405)		Lifecycle Replacements	$0	$0	$0	$9,405	$0	$0	$0	$0
5	2602-TN-Chattanooga	Budget	Switches	B - Defined	$0		$0	0		0	$0	$0	$0		Lifecycle Replacements	$0	$0	$0	$0	$0	$0	$0	$0
6	2602-TN-Chattanooga	Budget	Out-of-Band Devices	B - Defined	$2,530		($2,530)	1		(1)	$2,530	$0	($2,530)		Lifecycle Replacements	$0	$2,530	$0	$0	$0	$0	$0	$0
7	2602-TN-Chattanooga	Budget	Cisco WAAS	B - Defined	$0		$0	0		0	$0	$0	$0		Lifecycle Replacements	$0	$0	$0	$0	$0	$0	$0	$0
8	2602-TN-Chattanooga	Budget	Toughbooks/Tablets	B - Defined	$42,504		($42,504)	12		(12)	$3,542	$0	($3,542)		Lifecycle Replacements	$0	$0	$0	$42,504	$0	$0	$0	$0
9	2602-TN-Chattanooga	Budget	Phones	B - Defined	$0		$0	0		0	$0	$0	$0		Lifecycle Replacements	$0	$0	$0	$0	$0	$0	$0	$0
10	2602-TN-Chattanooga	Budget	Printers	B - Defined	$29,150		($29,150)	10		(10)	$2,915	$0	($2,915)		Lifecycle Replacements	$0	$0	$0	$0	$0	$0	$29,150	$0
11	2602-TN-Chattanooga	Budget	Plotters	B - Defined	$0		$0	0		0	$0	$0	$0		Lifecycle Replacements	$0	$0	$0	$0	$0	$0	$0	$0
12	2602-TN-Chattanooga	Budget	Firewalls	B - Defined	$0		$0	0		0	$0	$0	$0		Lifecycle Replacements	$0	$0	$0	$0	$0	$0	$0	$0
13	2602-TN-Chattanooga	Budget	Software	B - Historical	$2,472		($2,472)	0		0	$0	$0	$0		Infrastructure Improvements/New Technology	$0	$2,472	$0	$0	$0	$0	$0	$0
14	2602-TN-Chattanooga	Budget	UPS	C - Defined	$935		($935)	1		(1)	$935	$0	($935)		Lifecycle Replacements	$0	$935	$0	$0	$0	$0	$0	$0
15	2602-TN-Chattanooga	Budget	Infrastructure Upgrade	C - Defined	$11,000		($11,000)	1		(1)	$11,000	$0	($11,000)		Infrastructure Improvements/New Technology	$0	$11,000	$0	$0	$0	$0	$0	$0
16	2602-TN-Chattanooga	Budget	Wireless	C - Defined	$0		$0	0		0	$0	$0	$0		Infrastructure Improvements/New Technology	$0	$0	$0	$0	$0	$0	$0	$0
17	2602-TN-Chattanooga	Budget	Projectors	C - Defined	$0		$0	0		0	$0	$0	$0		Lifecycle Replacements	$0	$0	$0	$0	$0	$0	$0	$0
18	2602-TN-Chattanooga	Budget	Conference Room Renovations	C - Defined	$0		$0	0		0	$0	$0	$0		Infrastructure Improvements/New Technology	$0	$0	$0	$0	$0	$0	$0	$0
19	2602-TN-Chattanooga	Budget	Cellular Signal Enhancements	C - Defined	$0		$0	0		0	$0	$0	$0		Lifecycle Replacements	$0	$0	$0	$0	$0	$0	$0	$0
20	2602-TN-Chattanooga	Budget	New Building Standup	C - Defined	$0		$0	0		0	$0	$0	$0		Lifecycle Replacements	$0	$0	$0	$0	$0	$0	$0	$0
21	2602-TN-Chattanooga	Budget	RSA Tokens	C - Defined	$0		$0	0		0	$0	$0	$0		Lifecycle Replacements	$0	$0	$0	$0	$0	$0	$0	$0

K

ITS EQUIPMENT and SYSTEMS

Operating Unit	**ESTIMATED COST**	**A** - First Priority Projects - Specifically Defined	A - Defined
26-Tennessee	**Budget**	**A** - First Priority Projects - Based on History	A - Historical
Business Plan Year	$148,662	**B** - Second Priority Projects - Specifically Defined	B - Defined
2014	**Budget Reserve**	**B** - Second Priority Projects - Based on History	B - Historical
Date Prepared	$0	**C** - Third Priority Projects - Specifically Defined	C - Defined
July 14, 2013	**Overprogram**	**C** - Third Priority Projects - Based on History	C - Historical
	$0	**Business Plan Year Total Project Costs**	**Total**

PROJECT INFORMATION									SUBTOTAL BY DISTRICT	PROJECT COST			UNITS		
Priority No.	**District**	**Budget Budget Reserve Overprogram**	**Project Title**	**Priority From List Above**	**Sep**	**Oct**	**Nov**	**Dec**	**District**	**Estimated Cost (dollars)**	**Actual Cost (dollars)**	**Difference (dollars)**	**Estimated Quantity (each)**	**Actual Quantity (each)**	**Difference (each)**
1	2602-TN-Chattanooga	Budget	Computers	A - Defined	$0	$0	$0	$0	2600-TN-Cap Growth Budget	$0	$0	$0	0	0	0
2	2602-TN-Chattanooga	Budget	Servers	B - Defined	$0	$0	$0	$0	2601-TN-Corporate	$0	$0	$0	0	0	0
3	2602-TN-Chattanooga	Budget	Backup Devices - Tape Drive	B - Defined	$0	$0	$0	$0	2602-TN-Chattanooga	$148,662	$0	($148,662)	38	0	(38)
4	2602-TN-Chattanooga	Budget	Routers	B - Defined	$0	$0	$0	$0	2603-TN-Suck Creek	$0	$0	$0	0	0	0
5	2602-TN-Chattanooga	Budget	Switches	B - Defined	$0	$0	$0	$0	2604-TN-Lone Oak	$0	$0	$0	0	0	0
6	2602-TN-Chattanooga	Budget	Out-of-Band Devices	B - Defined	$0	$0	$0	$0	0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
7	2602-TN-Chattanooga	Budget	Cisco WAAS	B - Defined	$0	$0	$0	$0	0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
8	2602-TN-Chattanooga	Budget	Toughbooks/Tablets	B - Defined	$0	$0	$0	$0	0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
9	2602-TN-Chattanooga	Budget	Phones	B - Defined	$0	$0	$0	$0	0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
10	2602-TN-Chattanooga	Budget	Printers	B - Defined	$0	$0	$0	$0	0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
11	2602-TN-Chattanooga	Budget	Plotters	B - Defined	$0	$0	$0	$0	0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
12	2602-TN-Chattanooga	Budget	Firewalls	B - Defined	$0	$0	$0	$0	0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
13	2602-TN-Chattanooga	Budget	Software	B - Historical	$0	$0	$0	$0	0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
14	2602-TN-Chattanooga	Budget	UPS	C - Defined	$0	$0	$0	$0	0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
15	2602-TN-Chattanooga	Budget	Infrastructure Upgrade	C - Defined	$0	$0	$0	$0	0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
16	2602-TN-Chattanooga	Budget	Wireless	C - Defined	$0	$0	$0	$0	0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
17	2602-TN-Chattanooga	Budget	Projectors	C - Defined	$0	$0	$0	$0	0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
18	2602-TN-Chattanooga	Budget	Conference Room Renovations	C - Defined	$0	$0	$0	$0	0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
19	2602-TN-Chattanooga	Budget	Cellular Signal Enhancements	C - Defined	$0	$0	$0	$0	0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
20	2602-TN-Chattanooga	Budget	New Building Standup	C - Defined	$0	$0	$0	$0	0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
21	2602-TN-Chattanooga	Budget	RSA Tokens	C - Defined	$0	$0	$0	$0	0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A

L	SCADA EQUIPMENT and SYSTEMS				Est Cost	Act Cost	Difference	Est Qty	Act Qty	Difference						
	Operating Unit	**ESTIMATED COST**	**A** - First Priority Projects - Specifically Defined	A - Defined	$173,414	$0	($173,414)	0	0	0						
	26-Tennessee	**Budget**	**A** - First Priority Projects - Based on History	A - Historical	$12,000	$0	($12,000)	0	0	0						
	Business Plan Year	$191,414	**B** - Second Priority Projects - Specifically Defined	B - Defined	$0	$0	$0	0	0	0						
	2014	**Budget Reserve**	**B** - Second Priority Projects - Based on History	B - Historical	$0	$0	$0	0	0	0						
	Date Prepared	$0	**C** - Third Priority Projects - Specifically Defined	C - Defined	$0	$0	$0	0	0	0						
	July 14, 2013	**Overprogram**	**C** - Third Priority Projects - Based on History	C - Historical	$0	$0	$0	0	0	0						
		$148,057	**Business Plan Year Total Project Costs**	**Total**	**$185,414**	**$0**	**($185,414)**	**0**	**0**	**0**						
	PROJECT INFORMATION				**PROJECT COST**			**UNITS**			**UNIT COST**			**REFERENCE**	**JUSTIFICATION**	**SUBTOTAL BY DISTRICT**
Priority No.	**District**	**Budget Budget Reserve Overprogram**	**Project Title**	**Priority From List Above**	**Estimated Cost (dollars)**	**Actual Cost (dollars)**	**Difference (dollars)**	**Estimated Quantity (each)**	**Actual Quantity (each)**	**Difference (each)**	**Estimated Unit Cost ($/unit)**	**Actual Unit Cost ($/unit)**	**Difference ($/unit)**	**Work Order or WBS Element**	**Reason the project is needed. If based on history, provide historical information over an approximate three year time period.**	**District**
1	2602-TN-Chattanooga	Budget	PLC Upgrade from Bristol to AB-Conventional Filters(Hardware)	A - Defined	$121,574		($121,574)			0	$0	$0	$0		Replacing Obsolete equipment for which repair parts are not longer available	2600-TN-Cap Growth Budget
2	2602-TN-Chattanooga	Budget	PLC Upgrade from Bristol to AB-Conventional Filters(Labor-Expenses)	A - Defined	$51,840		($51,840)			0	$0	$0	$0		Replacing Obsolete equipment for which repair parts are not longer available	2601-TN-Corporate
3	2602-TN-Chattanooga	Overprogram	PLC Upgrade from Bristol to AB-Aldrich Units(Hardware)	A - Defined	$100,057		($100,057)			0	$0	$0	$0		Replacing Obsolete equipment for which repair parts are not longer available	2602-TN-Chattanooga
4	2602-TN-Chattanooga	Overprogram	PLC Upgrade from Bristol to AB-Aldrich Units(Labor-Expenses)	A - Defined	$48,000		($48,000)			0	$0	$0	$0		Replacing Obsolete equipment for which repair parts are not longer available	2603-TN-Suck Creek
5	2602-TN-Chattanooga	Budget	Historical Failures	A - Historical	$10,000		($10,000)			0	$0	$0	$0		To enable remote monitor and control from the treatment plant	2604-TN-Lone Oak
6	2603-TN-Suck Creek	Budget	Install SP9 MDS Ethernet Radios	A-Defined	$4,000		($4,000)			0	$0	$0	$0		To enable remote monitor and control from the treatment plant	0
7	2603-TN-Suck Creek	Budget	Historical Failures	A - Historical	$2,000		($2,000)			0	$0	$0	$0		To enable remote monitor and control from the treatment plant	0
8	2604-TN-Lone Oak	Budget	Install SP9 MDS Ethernet Radios	A-Defined	$2,000		($2,000)			0	$0	$0	$0		To enable remote monitor and control from the treatment plant	0
9							$0			0	$0	$0	$0			0
10							$0			0	$0	$0	$0			0
11							$0			0	$0	$0	$0			0
12							$0			0	$0	$0	$0			0
13							$0			0	$0	$0	$0			0
14							$0			0	$0	$0	$0			0
15							$0			0	$0	$0	$0			0
16							$0			0	$0	$0	$0			0
17							$0			0	$0	$0	$0			0
18							$0			0	$0	$0	$0			0
19							$0			0	$0	$0	$0			0
20							$0			0	$0	$0	$0			0
21							$0			0	$0	$0	$0			0

L

SCADA EQUIPMENT and SYSTEMS

Operating Unit	**ESTIMATED COST**	**A** - First Priority Projects - Specifically Defined	A - Defined
26-Tennessee	**Budget**	**A** - First Priority Projects - Based on History	A - Historical
Business Plan Year	$191,414	**B** - Second Priority Projects - Specifically Defined	B - Defined
2014	**Budget Reserve**	**B** - Second Priority Projects - Based on History	B - Historical
Date Prepared	$0	**C** - Third Priority Projects - Specifically Defined	C - Defined
July 14, 2013	**Overprogram**	**C** - Third Priority Projects - Based on History	C - Historical
	$148,057	**Business Plan Year Total Project Costs**	**Total**

	PROJECT INFORMATION				**PROJECT COST**			**UNITS**							
Priority No.	**District**	**Budget Budget Reserve Overprogram**	**Project Title**	**Priority From List Above**	**Estimated Cost (dollars)**	**Actual Cost (dollars)**	**Difference (dollars)**	**Estimated Quantity (each)**	**Actual Quantity (each)**	**Difference (each)**					
1	2602-TN-Chattanooga	Budget	PLC Upgrade from Bristol to AB-Conventional Filters(Hardware)	A - Defined	$0	$0	$0	0	0	0					
2	2602-TN-Chattanooga	Budget	PLC Upgrade from Bristol to AB-Conventional Filters(Labor-Expenses)	A - Defined	$0	$0	$0	0	0	0					
3	2602-TN-Chattanooga	Overprogram	PLC Upgrade from Bristol to AB-Aldrich Units(Hardware)	A - Defined	$183,414	$0	($183,414)	0	0	0					
4	2602-TN-Chattanooga	Overprogram	PLC Upgrade from Bristol to AB-Aldrich Units(Labor-Expenses)	A - Defined	$6,000	$0	($6,000)	0	0	0					
5	2602-TN-Chattanooga	Budget	Historical Failures	A - Historical	$2,000	$0	($2,000)	0	0	0					
6	2603-TN-Suck Creek	Budget	Install SP9 MDS Ethernet Radios	A-Defined	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A					
7	2603-TN-Suck Creek	Budget	Historical Failures	A - Historical	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A					
8	2604-TN-Lone Oak	Budget	Install SP9 MDS Ethernet Radios	A-Defined	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A					
9					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A					
10					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A					
11					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A					
12					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A					
13					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A					
14					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A					
15					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A					
16					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A					
17					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A					
18					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A					
19					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A					
20					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A					
21					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A					

M	SECURITY EQUIPMENT and SYSTEMS				Est Cost	Act Cost	Difference	Est Qty	Act Qty	Difference					
	Operating Unit	**ESTIMATED COST**	**A** - First Priority Projects - Specifically Defined	A - Defined	$130,000	$0	($130,000)	0	0	0					
	26-Tennessee	**Budget**	**A** - First Priority Projects - Based on History	A - Historical	$0	$0	$0	0	0	0					
	Business Plan Year	$130,000	**B** - Second Priority Projects - Specifically Defined	B - Defined	$0	$0	$0	0	0	0					
	2014	**Budget Reserve**	**B** - Second Priority Projects - Based on History	B - Historical	$0	$0	$0	0	0	0					
	Date Prepared	$0	**C** - Third Priority Projects - Specifically Defined	C - Defined	$0	$0	$0	0	0	0					
	July 14, 2013	**Overprogram**	**C** - Third Priority Projects - Based on History	C - Historical	$0	$0	$0	0	0	0					
		$0	**Business Plan Year Total Project Costs**	**Total**	**$130,000**	**$0**	**($130,000)**	**0**	**0**	**0**					
	PROJECT INFORMATION				**PROJECT COST**			**UNITS**			**UNIT COST**			**REFERENCE**	**JUSTIFICATION**
Priority No.	**District**	**Budget Budget Reserve Overprogram**	**Project Title**	**Priority From List Above**	**Estimated Cost (dollars)**	**Actual Cost (dollars)**	**Difference (dollars)**	**Estimated Quantity (each)**	**Actual Quantity (each)**	**Difference (each)**	**Estimated Unit Cost ($/unit)**	**Actual Unit Cost ($/unit)**	**Difference ($/unit)**	**Work Order or WBS Element**	**Reason the project is needed. If based on history, provide historical information over an approximate three year time period.**
1	2802-TN-Chattanooga	Budget	Tier 3 Security	A - Defined	$60,000		($60,000)			0	$0	$0	$0		
2	2802-TN-Chattanooga	Budget	New Office	A - Defined	$70,000		($70,000)			0	$0	$0	$0		
3							$0			0	$0	$0	$0		
4							$0			0	$0	$0	$0		
5							$0			0	$0	$0	$0		
6							$0			0	$0	$0	$0		
7							$0			0	$0	$0	$0		
8							$0			0	$0	$0	$0		
9							$0			0	$0	$0	$0		
10							$0			0	$0	$0	$0		
11							$0			0	$0	$0	$0		
12							$0			0	$0	$0	$0		
13							$0			0	$0	$0	$0		
14							$0			0	$0	$0	$0		
15							$0			0	$0	$0	$0		
16							$0			0	$0	$0	$0		
17							$0			0	$0	$0	$0		
18							$0			0	$0	$0	$0		
19							$0			0	$0	$0	$0		
20							$0			0	$0	$0	$0		
21							$0			0	$0	$0	$0		

M	SECURITY EQUIPMENT and SYSTEMS											
	Operating Unit	**ESTIMATED COST**	**A** - First Priority Projects - Specifically Defined	A - Defined								
	26-Tennessee	**Budget**	**A** - First Priority Projects - Based on History	A - Historical								
	Business Plan Year	$130,000	**B** - Second Priority Projects - Specifically Defined	B - Defined								
	2014	**Budget Reserve**	**B** - Second Priority Projects - Based on History	B - Historical								
	Date Prepared	$0	**C** - Third Priority Projects - Specifically Defined	C - Defined								
	July 14, 2013	**Overprogram**	**C** - Third Priority Projects - Based on History	C - Historical								
		$0	**Business Plan Year Total Project Costs**	**Total**								
	PROJECT INFORMATION				**SUBTOTAL BY DISTRICT**	**PROJECT COST**			**UNITS**			
Priority No.	**District**	**Budget Budget Reserve Overprogram**	**Project Title**	**Priority From List Above**	**District**	**Estimated Cost (dollars)**	**Actual Cost (dollars)**	**Difference (dollars)**	**Estimated Quantity (each)**	**Actual Quantity (each)**	**Difference (each)**	
1	2602-TN-Chattanooga	Budget	Tier 3 Security	A - Defined	2600-TN-Cap Growth Budget	$0	$0	$0	0	0	0	
2	2602-TN-Chattanooga	Budget	New Office	A - Defined	2601-TN-Corporate	$0	$0	$0	0	0	0	
3					2602-TN-Chattanooga	$130,000	$0	($130,000)	0	0	0	
4					2603-TN-Suck Creek	$0	$0	$0	0	0	0	
5					2604-TN-Lone Oak	$0	$0	$0	0	0	0	
6					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
7					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
8					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
9					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
10					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
11					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
12					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
13					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
14					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
15					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
16					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
17					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
18					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
19					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
20					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
21					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	

N	OFFICES and OPERATIONS CENTERS				Est Cost	Act Cost	Difference	Est Qty	Act Qty	Difference					
	Operating Unit	**ESTIMATED COST**	**A** - First Priority Projects - Specifically Defined	A - Defined	$23,000	$0	($23,000)	1	0	(1)					
	26-Tennessee	**Budget**	**A** - First Priority Projects - Based on History	A - Historical	$0	$0	$0	0	0	0					
	Business Plan Year	$23,000	**B** - Second Priority Projects - Specifically Defined	B - Defined	$0	$0	$0	0	0	0					
	2014	**Budget Reserve**	**B** - Second Priority Projects - Based on History	B - Historical	$0	$0	$0	0	0	0					
	Date Prepared	$0	**C** - Third Priority Projects - Specifically Defined	C - Defined	$0	$0	$0	0	0	0					
	July 14, 2013	**Overprogram**	**C** - Third Priority Projects - Based on History	C - Historical	$0	$0	$0	0	0	0					
		$0	**Business Plan Year Total Project Costs**	**Total**	**$23,000**	**$0**	**($23,000)**	**1**	**0**	**(1)**					
	PROJECT INFORMATION				**PROJECT COST**			**UNITS**			**UNIT COST**			**REFERENCE**	**JUSTIFICATION**
Priority No.	**District**	**Budget Budget Reserve Overprogram**	**Project Title**	**Priority From List Above**	**Estimated Cost (dollars)**	**Actual Cost (dollars)**	**Difference (dollars)**	**Estimated Quantity (each)**	**Actual Quantity (each)**	**Difference (each)**	**Estimated Unit Cost ($/unit)**	**Actual Unit Cost ($/unit)**	**Difference ($/unit)**	**Work Order or WBS Element**	**Reason the project is needed. If based on history, provide historical information over an approximate three year time period.**
1	2802-TN-Chattanooga	Budget	New Office Filing	A - Defined	$23,000		($23,000)	1		(1)	$23,000	$0	($23,000)		
2							$0			0	$0	$0	$0		
3							$0			0	$0	$0	$0		
4							$0			0	$0	$0	$0		
5							$0			0	$0	$0	$0		
6							$0			0	$0	$0	$0		
7							$0			0	$0	$0	$0		
8							$0			0	$0	$0	$0		
9							$0			0	$0	$0	$0		
10							$0			0	$0	$0	$0		
11							$0			0	$0	$0	$0		
12							$0			0	$0	$0	$0		
13							$0			0	$0	$0	$0		
14							$0			0	$0	$0	$0		
15							$0			0	$0	$0	$0		
16							$0			0	$0	$0	$0		
17							$0			0	$0	$0	$0		
18							$0			0	$0	$0	$0		
19							$0			0	$0	$0	$0		
20							$0			0	$0	$0	$0		
21							$0			0	$0	$0	$0		

N	OFFICES and OPERATIONS CENTERS											
	Operating Unit	**ESTIMATED COST**	**A** - First Priority Projects - Specifically Defined	A - Defined								
	26-Tennessee	**Budget**	**A** - First Priority Projects - Based on History	A - Historical								
	Business Plan Year	$23,000	**B** - Second Priority Projects - Specifically Defined	B - Defined								
	2014	**Budget Reserve**	**B** - Second Priority Projects - Based on History	B - Historical								
	Date Prepared	$0	**C** - Third Priority Projects - Specifically Defined	C - Defined								
	July 14, 2013	**Overprogram**	**C** - Third Priority Projects - Based on History	C - Historical								
		$0	**Business Plan Year Total Project Costs**	**Total**								
	PROJECT INFORMATION				**SUBTOTAL BY DISTRICT**	**PROJECT COST**			**UNITS**			
Priority No.	**District**	**Budget Budget Reserve Overprogram**	**Project Title**	**Priority From List Above**	**District**	**Estimated Cost (dollars)**	**Actual Cost (dollars)**	**Difference (dollars)**	**Estimated Quantity (each)**	**Actual Quantity (each)**	**Difference (each)**	
1	2602-TN-Chattanooga	Budget	New Office Filing	A - Defined	2600-TN-Cap Growth Budget	$0	$0	$0	0	0	0	
2					2601-TN-Corporate	$0	$0	$0	0	0	0	
3					2602-TN-Chattanooga	$23,000	$0	($23,000)	1	0	(1)	
4					2603-TN-Suck Creek	$0	$0	$0	0	0	0	
5					2604-TN-Lone Oak	$0	$0	$0	0	0	0	
6					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
7					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
8					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
9					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
10					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
11					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
12					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
13					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
14					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
15					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
16					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
17					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
18					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
19					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
20					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
21					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	

O	VEHICLES				Est Cost	Act Cost	Difference	Est Qty	Act Qty	Difference					
	Operating Unit	ESTIMATED COST	A - First Priority Projects - Specifically Defined	A - Defined	$382,293	$0	($382,293)	0	0	0					
	26-Tennessee	Budget	A - First Priority Projects - Based on History	A - Historical	$0	$0	$0	0	0	0					
	Business Plan Year	$382,293	B - Second Priority Projects - Specifically Defined	B - Defined	$0	$0	$0	0	0	0					
	2014	Budget Reserve	B - Second Priority Projects - Based on History	B - Historical	$0	$0	$0	0	0	0					
	Date Prepared	$0	C - Third Priority Projects - Specifically Defined	C - Defined	$0	$0	$0	0	0	0					
	July 14, 2013	Overprogram	C - Third Priority Projects - Based on History	C - Historical	$0	$0	$0	0	0	0					
		$0	Business Plan Year Total Project Costs	Total	$382,293	$0	($382,293)	0	0	0					
	PROJECT INFORMATION				PROJECT COST			UNITS			UNIT COST			REFERENCE	JUSTIFICATION
Priority No.	District	Budget Budget Reserve Overprogram	Project Title	Priority From List Above	Estimated Cost (dollars)	Actual Cost (dollars)	Difference (dollars)	Estimated Quantity (each)	Actual Quantity (each)	Difference (each)	Estimated Unit Cost ($/unit)	Actual Unit Cost ($/unit)	Difference ($/unit)	Work Order or WBS Element	Reason the project is needed. If based on history, provide historical information over an approximate three year time period.
1	2602-TN-Chattanooga	Budget	Distribution Vehicle - Replace 4 Truck/Vans	A - Defined	$120,000		($120,000)			0	$0	$0	$0		Truck is being replaced based on age, miles and maintenance expense
2	2602-TN-Chattanooga	Budget	Distrubtion Vehicle - Dump Truck F750 Ford chassis	A - Defined	$77,742		($77,742)			0	$0	$0	$0		Truck is being replaced based on age, miles and maintenance expense
3	2602-TN-Chattanooga	Budget	Distribution Vehicle - Dump Truck Bed	A - Defined	$21,551		($21,551)			0	$0	$0	$0		
4	2602-TN-Chattanooga	Budget	Operations Vehicle - Replace Boom Truck	A - Defined	$38,000		($38,000)			0	$0	$0	$0		Truck is being replaced based on age, miles and maintenance expense
5	2602-TN-Chattanooga	Budget	Operations Vehicle - Replace pick up with van	A - Defined	$25,000		($25,000)			0	$0	$0	$0		Truck is being replaced based on age, miles and maintenance expense
6	2602-TN-Chattanooga	Budget	Operations Vehicle - Supervisor truck with crew cab or SUV	A - Defined	$25,000		($25,000)			0	$0	$0	$0		Truck is being replaced based on age, miles and maintenance expense
7	2602-TN-Chattanooga	Budget	Operations Vehicle - WQ jeep with SUV	A - Defined	$25,000		($25,000)			0	$0	$0	$0		Truck is being replaced based on age, miles and maintenance expense
8	2602-TN-Chattanooga	Budget	Convert Four vehicles to LP	A - Defined	$50,000		($50,000)			0	$0	$0	$0		Truck is being replaced based on age, miles and maintenance expense
9							$0			0	$0	$0	$0		
10							$0			0	$0	$0	$0		
11							$0			0	$0	$0	$0		
12							$0			0	$0	$0	$0		
13							$0			0	$0	$0	$0		
14							$0			0	$0	$0	$0		
15							$0			0	$0	$0	$0		
16							$0			0	$0	$0	$0		
17							$0			0	$0	$0	$0		
18							$0			0	$0	$0	$0		
19							$0			0	$0	$0	$0		
20							$0			0	$0	$0	$0		
21							$0			0	$0	$0	$0		

O	VEHICLES										
	Operating Unit	**ESTIMATED COST**	**A** - First Priority Projects - Specifically Defined	A - Defined							
	26-Tennessee	**Budget**	**A** - First Priority Projects - Based on History	A - Historical							
	Business Plan Year	$382,293	**B** - Second Priority Projects - Specifically Defined	B - Defined							
	2014	**Budget Reserve**	**B** - Second Priority Projects - Based on History	B - Historical							
	Date Prepared	$0	**C** - Third Priority Projects - Specifically Defined	C - Defined							
	July 14, 2013	**Overprogram**	**C** - Third Priority Projects - Based on History	C - Historical							
		$0	**Business Plan Year Total Project Costs**	**Total**							
	PROJECT INFORMATION				**SUBTOTAL BY DISTRICT**	**PROJECT COST**			**UNITS**		
Priority No.	**District**	**Budget Budget Reserve Overprogram**	**Project Title**	**Priority From List Above**	**District**	**Estimated Cost (dollars)**	**Actual Cost (dollars)**	**Difference (dollars)**	**Estimated Quantity (each)**	**Actual Quantity (each)**	**Difference (each)**
1	2602-TN-Chattanooga	Budget	Distribution Vehicle - Replace 4 Truck/Vans	A - Defined	2600-TN-Cap Growth Budget	$0	$0	$0	0	0	0
2	2602-TN-Chattanooga	Budget	Distrubtion Vehicle - Dump Truck F750 Ford chassis	A - Defined	2601-TN-Corporate	$0	$0	$0	0	0	0
3	2602-TN-Chattanooga	Budget	Distribution Vehicle - Dump Truck Bed	A - Defined	2602-TN-Chattanooga	$382,293	$0	($382,293)	0	0	0
4	2602-TN-Chattanooga	Budget	Operations Vehicle - Replace Boom Truck	A - Defined	2603-TN-Suck Creek	$0	$0	$0	0	0	0
5	2602-TN-Chattanooga	Budget	Operations Vehicle - Replace pick up with van	A - Defined	2604-TN-Lone Oak	$0	$0	$0	0	0	0
6	2602-TN-Chattanooga	Budget	Operations Vehicle - Supervisor truck with crew cab or SUV	A - Defined	0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
7	2602-TN-Chattanooga	Budget	Operations Vehicle - WQ jeep with SUV	A - Defined	0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
8	2602-TN-Chattanooga	Budget	Convert Four vehicles to LP	A - Defined	0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
9					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
10					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
11					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
12					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
13					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
14					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
15					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
16					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
17					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
18					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
19					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
20					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
21					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A

P

TOOLS and EQUIPMENT				Est Cost	Act Cost	Difference	Est Qty	Act Qty	Difference
Operating Unit	**ESTIMATED COST**	**A** - First Priority Projects - Specifically Defined	A - Defined	$29,523	$0	($29,523)	0	0	0
26-Tennessee	**Budget**	**A** - First Priority Projects - Based on History	A - Historical	$0	$0	$0	0	0	0
Business Plan Year	$29,523	**B** - Second Priority Projects - Specifically Defined	B - Defined	$0	$0	$0	0	0	0
2014	**Budget Reserve**	**B** - Second Priority Projects - Based on History	B - Historical	$0	$0	$0	0	0	0
Date Prepared	$0	**C** - Third Priority Projects - Specifically Defined	C - Defined	$0	$0	$0	0	0	0
July 14, 2013	**Overprogram**	**C** - Third Priority Projects - Based on History	C - Historical	$0	$0	$0	0	0	0
	$17,000	**Business Plan Year Total Project Costs**	**Total**	**$29,523**	**$0**	**($29,523)**	**0**	**0**	**0**

PROJECT INFORMATION					PROJECT COST			UNITS			UNIT COST			REFERENCE	JUSTIFICATION	SUBTOTAL BY DISTRICT
Priority No.	**District**	**Budget Reserve Budget Overprogram**	**Project Title**	**Priority From List Above**	**Estimated Cost (dollars)**	**Actual Cost (dollars)**	**Difference (dollars)**	**Estimated Quantity (each)**	**Actual Quantity (each)**	**Difference (each)**	**Estimated Unit Cost ($/unit)**	**Actual Unit Cost ($/unit)**	**Difference ($/unit)**	**Work Order or WBS Element**	**Reason the project is needed. If based on history, provide historical information over an approximate three year time period.**	**District**
1	2602-TN-Chattanooga	Budget	Guillotine Saw and extra belt and roller	A - Defined	$10,000		($10,000)			0	$0	$0	$0			2600-TN-Cap Growth Budget
2	2602-TN-Chattanooga	Budget	Hydaulic Tapping Machine Motors (3 @$3000 each)	A - Defined	$9,000		($9,000)			0	$0	$0	$0			2601-TN-Corporate
3	2602-TN-Chattanooga	Budget	Milwaukee Saws All Battery (6 @ $400 each)	A - Defined	$2,400		($2,400)			0	$0	$0	$0			2602-TN-Chattanooga
4	2602-TN-Chattanooga	Budget	4" Honda Trash Pump	A - Defined	$4,097		($4,097)			0	$0	$0	$0			2603-TN-Suck Creek
5	2602-TN-Chattanooga	Budget	3" Honda Trash Pump	A - Defined	$4,026		($4,026)			0	$0	$0	$0			2604-TN-Lone Oak
6	2602-TN-Chattanooga	Overprogram	Guillotine Saw and extra belt and roller	A - Defined	$17,000		($17,000)			0	$0	$0	$0			0
7							$0			0	$0	$0	$0			0
8							$0			0	$0	$0	$0			0
9							$0			0	$0	$0	$0			0
10							$0			0	$0	$0	$0			0
11							$0			0	$0	$0	$0			0
12							$0			0	$0	$0	$0			0
13							$0			0	$0	$0	$0			0
14							$0			0	$0	$0	$0			0
15							$0			0	$0	$0	$0			0
16							$0			0	$0	$0	$0			0
17							$0			0	$0	$0	$0			0
18							$0			0	$0	$0	$0			0
19							$0			0	$0	$0	$0			0
20							$0			0	$0	$0	$0			0
21							$0			0	$0	$0	$0			0

P

TOOLS and EQUIPMENT

Operating Unit	**ESTIMATED COST**	**A** - First Priority Projects - Specifically Defined	A - Defined
26-Tennessee	**Budget**	**A** - First Priority Projects - Based on History	A - Historical
Business Plan Year	$29,523	**B** - Second Priority Projects - Specifically Defined	B - Defined
2014	**Budget Reserve**	**B** - Second Priority Projects - Based on History	B - Historical
Date Prepared	$0	**C** - Third Priority Projects - Specifically Defined	C - Defined
July 14, 2013	**Overprogram**	**C** - Third Priority Projects - Based on History	C - Historical
	$17,000	**Business Plan Year Total Project Costs**	**Total**

PROJECT INFORMATION					PROJECT COST			UNITS		
Priority No.	**District**	**Budget Budget Reserve Overprogram**	**Project Title**	**Priority From List Above**	**Estimated Cost (dollars)**	**Actual Cost (dollars)**	**Difference (dollars)**	**Estimated Quantity (each)**	**Actual Quantity (each)**	**Difference (each)**
1	2602-TN-Chattanooga	Budget	Guillotine Saw and extra belt and roller	A - Defined	$0	$0	$0	0	0	0
2	2602-TN-Chattanooga	Budget	Hydaulic Tapping Machine Motors (3 @$3000 each)	A - Defined	$0	$0	$0	0	0	0
3	2602-TN-Chattanooga	Budget	Milwaukee Saws All Battery (6 @ $400 each)	A - Defined	$29,523	$0	($29,523)	0	0	0
4	2602-TN-Chattanooga	Budget	4" Honda Trash Pump	A - Defined	$0	$0	$0	0	0	0
5	2602-TN-Chattanooga	Budget	3" Honda Trash Pump	A - Defined	$0	$0	$0	0	0	0
6	2602-TN-Chattanooga	Overprogram	Guillotine Saw and extra belt and roller	A - Defined	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
7					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
8					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
9					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
10					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
11					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
12					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
13					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
14					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
15					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
16					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
17					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
18					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
19					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
20					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
21					#N/A	#N/A	#N/A	#N/A	#N/A	#N/A

Q

PROCESS PLANT FACILITIES and EQUIPMENT				Est Cost	Act Cost	Difference	Est Qty	Act Qty	Difference
Operating Unit	**ESTIMATED COST**	**A** - First Priority Projects - Specifically Defined	A - Defined	$797,990	$0	($797,990)	0	0	0
26-Tennessee	**Budget**	**A** - First Priority Projects - Based on History	A - Historical	$0	$0	$0	0	0	0
Business Plan Year	$797,990	**B** - Second Priority Projects - Specifically Defined	B - Defined	$0	$0	$0	0	0	0
2014	**Budget Reserve**	**B** - Second Priority Projects - Based on History	B - Historical	$0	$0	$0	0	0	0
Date Prepared	$0	**C** - Third Priority Projects - Specifically Defined	C - Defined	$0	$0	$0	0	0	0
July 14, 2013	**Overprogram**	**C** - Third Priority Projects - Based on History	C - Historical	$0	$0	$0	0	0	0
	$187,424	**Business Plan Year Total Project Costs**	**Total**	**$797,990**	**$0**	**($797,990)**	**0**	**0**	**0**

	PROJECT INFORMATION				PROJECT COST			UNITS			UNIT COST			REFERENCE	JUSTIFICATION
Priority No.	**District**	**Budget Budget Reserve Overprogram**	**Project Title**	**Priority From List Above**	**Estimated Cost (dollars)**	**Actual Cost (dollars)**	**Difference (dollars)**	**Estimated Quantity (each)**	**Actual Quantity (each)**	**Difference (each)**	**Estimated Unit Cost ($/unit)**	**Actual Unit Cost ($/unit)**	**Difference ($/unit)**	**Work Order or WBS Element**	**Reason the project is needed. If based on history, provide historical information over an approximate three year time period.**
1	2602-TN-Chattanooga	Budget	Change Out High Service 16 Motor	A - Defined	$66,150		($66,150)			0	$0	$0	$0		
2	2602-TN-Chattanooga	Budget	Change Out High Service 21 Motor	A - Defined	$66,150		($66,150)			0	$0	$0	$0		
3	2602-TN-Chattanooga	Overprogram	Change Out High Service 17Motor	A - Defined	$66,150		($66,150)			0	$0	$0	$0		
4	2602-TN-Chattanooga	Overprogram	Change Out High Service 18 Motor	A - Defined	$60,637		($60,637)			0	$0	$0	$0		
5	2602-TN-Chattanooga	Overprogram	Change Out High Service 196 Motor	A - Defined	$60,637		($60,637)			0	$0	$0	$0		
6	2602-TN-Chattanooga	Budget	Replace Underdrains – 2 Units	A - Defined	$332,845		($332,845)			0	$0	$0	$0		
7	2602-TN-Chattanooga	Budget	Replace Underdrains – 2 Units	A - Defined	$332,845		($332,845)			0	$0	$0	$0		
8							$0			0	$0	$0	$0		
9							$0			0	$0	$0	$0		
10							$0			0	$0	$0	$0		
11							$0			0	$0	$0	$0		
12							$0			0	$0	$0	$0		
13							$0			0	$0	$0	$0		
14							$0			0	$0	$0	$0		
15							$0			0	$0	$0	$0		
16							$0			0	$0	$0	$0		
17							$0			0	$0	$0	$0		
18							$0			0	$0	$0	$0		
19							$0			0	$0	$0	$0		
20							$0			0	$0	$0	$0		
21							$0			0	$0	$0	$0		

Q

PROCESS PLANT FACILITIES and EQUIPMENT			
Operating Unit	**ESTIMATED COST**	**A** - First Priority Projects - Specifically Defined	A - Defined
26-Tennessee	**Budget**	**A** - First Priority Projects - Based on History	A - Historical
Business Plan Year	$797,990	**B** - Second Priority Projects - Specifically Defined	B - Defined
2014	**Budget Reserve**	**B** - Second Priority Projects - Based on History	B - Historical
Date Prepared	$0	**C** - Third Priority Projects - Specifically Defined	C - Defined
July 14, 2013	**Overprogram**	**C** - Third Priority Projects - Based on History	C - Historical
	$187,424	**Business Plan Year Total Project Costs**	**Total**

PROJECT INFORMATION					SUBTOTAL BY DISTRICT	PROJECT COST			UNITS		
Priority No.	**District**	**Budget Budget Reserve Overprogram**	**Project Title**	**Priority From List Above**	**District**	**Estimated Cost (dollars)**	**Actual Cost (dollars)**	**Difference (dollars)**	**Estimated Quantity (each)**	**Actual Quantity (each)**	**Difference (each)**
1	2602-TN-Chattanooga	Budget	Change Out High Service 16 Motor	A - Defined	2600-TN-Cap Growth Budget	$0	$0	$0	0	0	0
2	2602-TN-Chattanooga	Budget	Change Out High Service 21 Motor	A - Defined	2601-TN-Corporate	$0	$0	$0	0	0	0
3	2602-TN-Chattanooga	Overprogram	Change Out High Service 17Motor	A - Defined	2602-TN-Chattanooga	$797,990	$0	($797,990)	0	0	0
4	2602-TN-Chattanooga	Overprogram	Change Out High Service 18 Motor	A - Defined	2603-TN-Suck Creek	$0	$0	$0	0	0	0
5	2602-TN-Chattanooga	Overprogram	Change Out High Service 196 Motor	A - Defined	2604-TN-Lone Oak	$0	$0	$0	0	0	0
6	2602-TN-Chattanooga	Budget	Replace Underdrains -- 2 Units	A - Defined	0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
7	2602-TN-Chattanooga	Budget	Replace Underdrains -- 2 Units	A - Defined	0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
8					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
9					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
10					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
11					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
12					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
13					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
14					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
15					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
16					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
17					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
18					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
19					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
20					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
21					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A

R	CAPITALIZED TANK REHABILITATION / PAINTING				Est Cost	Act Cost	Difference	Est Qty	Act Qty	Difference					
	Operating Unit	**ESTIMATED COST**	**A** - First Priority Projects - Specifically Defined	A - Defined	$450,000	$0	($450,000)	0	0	0					
	26-Tennessee	**Budget**	**A** - First Priority Projects - Based on History	A - Historical	$0	$0	$0	0	0	0					
	Business Plan Year	$450,000	**B** - Second Priority Projects - Specifically Defined	B - Defined	$0	$0	$0	0	0	0					
	2014	**Budget Reserve**	**B** - Second Priority Projects - Based on History	B - Historical	$0	$0	$0	0	0	0					
	Date Prepared	$0	**C** - Third Priority Projects - Specifically Defined	C - Defined	$0	$0	$0	0	0	0					
	July 14, 2013	**Overprogram**	**C** - Third Priority Projects - Based on History	C - Historical	$0	$0	$0	0	0	0					
		$0	**Business Plan Year Total Project Costs**	**Total**	**$450,000**	**$0**	**($450,000)**	**0**	**0**	**0**					
	PROJECT INFORMATION				**PROJECT COST**			**UNITS**			**UNIT COST**			**REFERENCE**	**JUSTIFICATION**
Priority No.	**District**	**Budget Budget Reserve Overprogram**	**Project Title**	**Priority From List Above**	**Estimated Cost (dollars)**	**Actual Cost (dollars)**	**Difference (dollars)**	**Estimated Quantity (each)**	**Actual Quantity (each)**	**Difference (each)**	**Estimated Unit Cost ($/unit)**	**Actual Unit Cost ($/unit)**	**Difference ($/unit)**	**Work Order or WBS Element**	**Reason the project is needed. If based on history, provide historical information over an approximate three year time period.**
1	2802-TN-Chattanooga	Budget	Tank Rehab and Paint	A - Defined	$450,000		($450,000)			0	$0	$0	$0		
2							$0			0	$0	$0	$0		
3							$0			0	$0	$0	$0		
4							$0			0	$0	$0	$0		
5							$0			0	$0	$0	$0		
6							$0			0	$0	$0	$0		
7							$0			0	$0	$0	$0		
8							$0			0	$0	$0	$0		
9							$0			0	$0	$0	$0		
10							$0			0	$0	$0	$0		
11							$0			0	$0	$0	$0		
12							$0			0	$0	$0	$0		
13							$0			0	$0	$0	$0		
14							$0			0	$0	$0	$0		
15							$0			0	$0	$0	$0		
16							$0			0	$0	$0	$0		
17							$0			0	$0	$0	$0		
18							$0			0	$0	$0	$0		
19							$0			0	$0	$0	$0		
20							$0			0	$0	$0	$0		
21							$0			0	$0	$0	$0		

R

CAPITALIZED TANK REHABILITATION / PAINTING

Operating Unit	**ESTIMATED COST**	**A** - First Priority Projects - Specifically Defined	A - Defined
26-Tennessee	**Budget**	**A** - First Priority Projects - Based on History	A - Historical
Business Plan Year	$450,000	**B** - Second Priority Projects - Specifically Defined	B - Defined
2014	**Budget Reserve**	**B** - Second Priority Projects - Based on History	B - Historical
Date Prepared	$0	**C** - Third Priority Projects - Specifically Defined	C - Defined
July 14, 2013	**Overprogram**	**C** - Third Priority Projects - Based on History	C - Historical
	$0	**Business Plan Year Total Project Costs**	**Total**

PROJECT INFORMATION					SUBTOTAL BY DISTRICT	PROJECT COST			UNITS		
Priority No.	**District**	**Budget Budget Reserve Overprogram**	**Project Title**	**Priority From List Above**	**District**	**Estimated Cost (dollars)**	**Actual Cost (dollars)**	**Difference (dollars)**	**Estimated Quantity (each)**	**Actual Quantity (each)**	**Difference (each)**
1	2602-TN-Chattanooga	Budget	Tank Rehab and Paint	A - Defined	2600-TN-Cap Growth Budget	$0	$0	$0	0	0	0
2					2601-TN-Corporate	$0	$0	$0	0	0	0
3					2602-TN-Chattanooga	$450,000	$0	($450,000)	0	0	0
4					2603-TN-Suck Creek	$0	$0	$0	0	0	0
5					2604-TN-Lone Oak	$0	$0	$0	0	0	0
6					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
7					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
8					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
9					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
10					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
11					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
12					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
13					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
14					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
15					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
16					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
17					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
18					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
19					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
20					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
21					0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A

S

ENGINEERING STUDIES				Est Cost	Act Cost	Difference	Est Qty	Act Qty	Difference
Operating Unit	**ESTIMATED COST**	**A** - First Priority Projects - Specifically Defined	A - Defined	$0	$0	$0	0	0	0
26-Tennessee	**Budget**	**A** - First Priority Projects - Based on History	A - Historical	$0	$0	$0	0	0	0
Business Plan Year	$65,554	**B** - Second Priority Projects - Specifically Defined	B - Defined	$65,554	$0	($65,554)	0	0	0
2014	**Budget Reserve**	**B** - Second Priority Projects - Based on History	B - Historical	$0	$0	$0	0	0	0
Date Prepared	$0	**C** - Third Priority Projects - Specifically Defined	C - Defined	$0	$0	$0	0	0	0
July 14, 2013	**Overprogram**	**C** - Third Priority Projects - Based on History	C - Historical	$0	$0	$0	0	0	0
	$0	**Business Plan Year Total Project Costs**	**Total**	**$65,554**	**$0**	**($65,554)**	**0**	**0**	**0**

PROJECT INFORMATION					PROJECT COST			UNITS			UNIT COST			REFERENCE	JUSTIFICATION	PLANNING SPECIFICS			
Priority No.	**District**	**Budget Budget Reserve Overprogram**	**Project Title**	**Priority From List Above**	**Estimated Cost (dollars)**	**Actual Cost (dollars)**	**Difference (dollars)**	**Estimated Quantity (each)**	**Actual Quantity (each)**	**Difference (each)**	**Estimated Unit Cost ($/unit)**	**Actual Unit Cost ($/unit)**	**Difference ($/unit)**	**Work Order or WBS Element**	**Reason the project is needed. If based on history, provide historical information over an approximate three year time period.**	**Name of System**	**Type of Study**	**Total Budget not just current year (dollars)**	**Estimated Completion Date (month-year)**
1	3602-TN-Chattanooga	Budget	CPS Study	B - Defined	$65,554		($65,554)			0	$0	$0	$0						
2							$0			0	$0	$0	$0						
3							$0			0	$0	$0	$0						
4							$0			0	$0	$0	$0						
5							$0			0	$0	$0	$0						
6							$0			0	$0	$0	$0						
7							$0			0	$0	$0	$0						
8							$0			0	$0	$0	$0						
9							$0			0	$0	$0	$0						
10							$0			0	$0	$0	$0						
11							$0			0	$0	$0	$0						
12							$0			0	$0	$0	$0						
13							$0			0	$0	$0	$0						
14							$0			0	$0	$0	$0						
15							$0			0	$0	$0	$0						
16							$0			0	$0	$0	$0						
17							$0			0	$0	$0	$0						
18							$0			0	$0	$0	$0						
19							$0			0	$0	$0	$0						
20							$0			0	$0	$0	$0						
21							$0			0	$0	$0	$0						

S

ENGINEERING STUDIES			
Operating Unit	**ESTIMATED COST**	**A** - First Priority Projects - Specifically Defined	A - Defined
26-Tennessee	**Budget**	**A** - First Priority Projects - Based on History	A - Historical
Business Plan Year	$65,554	**B** - Second Priority Projects - Specifically Defined	B - Defined
2014	**Budget Reserve**	**B** - Second Priority Projects - Based on History	B - Historical
Date Prepared	$0	**C** - Third Priority Projects - Specifically Defined	C - Defined
July 14, 2013	**Overprogram**	**C** - Third Priority Projects - Based on History	C - Historical
	$0	**Business Plan Year Total Project Costs**	**Total**

	PROJECT INFORMATION							SUBTOTAL BY DISTRICT	PROJECT COST			UNITS		
Priority No.	**District**	**Budget Budget Reserve Overprogram**	**Project Title**	**Priority From List Above**	**Status of Study**	**Person Responsible**	**Resources Needed**	**District**	**Estimated Cost (dollars)**	**Actual Cost (dollars)**	**Difference (dollars)**	**Estimated Quantity (each)**	**Actual Quantity (each)**	**Difference (each)**
1	2602-TN-Chattanooga	Budget	CPS Study	B - Defined				2600-TN-Cap Growth Budget	$0	$0	$0	0	0	0
2								2601-TN-Corporate	$0	$0	$0	0	0	0
3								2602-TN-Chattanooga	$65,554	$0	($65,554)	0	0	0
4								2603-TN-Suck Creek	$0	$0	$0	0	0	0
5								2604-TN-Lone Oak	$0	$0	$0	0	0	0
6								0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
7								0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
8								0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
9								0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
10								0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
11								0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
12								0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
13								0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
14								0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
15								0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
16								0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
17								0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
18								0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
19								0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
20								0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
21								0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A

INSTRUCTIONS AND USE OF THIS WORKBOOK

A General

1 This workbook is designed to capture RP Work Order level details for each RP Funding Project by Profit Center (or District).

2 Blue tabs allow for data entry for the individual RP Line Items A through S. Orange tabs provide a total RP SUMMARY by RP Line Item (1st summary tab) and by District (2nd summary tab). Gray tabs provide information only, including RP GUIDANCE and RP CATEGORY definitions.

3 Cells in which information can be entered are unlocked. All other cells are locked. **Protection can be turned off on each worksheet without the need for a password.** NOTE: Additional columns for data entry of Business Plan Outer Years for 5-Year Business Plan development (includes 4 years beyond the current Business Plan Year) are "Grouped" and can either be displayed or collapsed depending upon the user's needs in the business planning process. The RP Workbook will be issued with the Outer Years collapsed. **To ungroup or display the Outer Years data entry columns, the Protection on the worksheet must be turned OFF.**

4 One workbook is required for each Operating Unit (or State). The workbook includes one tab for each of the RP Line Items (A through S). A description of the RP Line Items is provided on the RP CATEGORIES tab. Asset Investment Strategy (i.e., Prioritization) guidance as it relates to RP Line Items is provided on the RP GUIDANCE tab. NOTE: The guidance for Prioritization listed in the RP GUIDANCE tab, directly correlates to the 'Justification" columns on the Blue tabs for most RP Line Items (exception of Lines B and C). For Line B, the Prioritization Model has been removed from this RP workbook, and could be used separately to determine Line B Prioritization, as outlined in the RP GUIDANCE tab. For Line C, all project work is Priority A.

5 Each RP worksheet (Blue tab) has a 'BUDGET LEVEL' defined in cell B5. This is either at a 'Project' level or 'District' level. For RP Line Items A, D and K through S, the line items will be budgeted based on 'Project' level data for a particular project. For RP Line Items, B, C and E through J, the line items will be budgeted at the 'District' level.

6 A summary of all RP Line Items is displayed in text format on the RP SUMMARY tab. Unit costs are not rolled up for Line Items which do not have units (Line C - Mains - Unscheduled) OR do not have like units (ex., Line K - ITS Equipment).

7 Two hidden tabs called LOOKUP TABLE 1 and LOOKUP TABLE 2 are provided as the source for many of the pull-down menus on the individual Line Item tabs. District names are also provided at the bottom of each individual Line Item (Blue) tab in Rows 607 through 831 and are hidden.

8 **Do NOT delete or add any rows OR columns on any worksheet tab.** Doing so will cause the calculations to fail Each RP Line Item tab can accommodate up to 600 projects or district-level data.

B Set Up and Use

9 To begin using the worksheet, on the RP SUMMARY tab,**enter the current date in cell D1, then select the Operating Unit in Cell B4 and enter the current Business Plan Year in Cell C4**. This information will then be displayed on all of the individual Line Item worksheets (Blue tabs), and set-up the drop-down lists for the appropriate Profit Centers (Districts) on each of the data entry tabs (Blue tabs).

10 For each RP Line Item tab, in the PROJECT INFORMATION section, the Profit Center (District) can be selected from the drop down list in Column A.

11 Also in the PROJECT INFORMATION section, Column B allows for the identification of the project funds as Budget, Budget Reserve, or Overprogram. Budge means it is to be included in the budget. Budget Reserve means it is also to be included in the budget, but that it is a lower priority project that can be deferred until later in the year and delivered quickly should those funds instead be needed for emerging needs as the year progresses. Overprogram means that the project is not included in the budget, but if additional funds should become available, it can be delivered quickly.

12 Lastly in the PROJECT INFORMATION section, the PRIORITY Column allows for the top down prioritization of the project (Priority A, Priority B, or Priority C). This prioritization is aligned with the company's Asset Investment Strategies outlined in the RP GUIDANCE tab. As stated above, the guidance listed in the RP GUIDANCE tab, directly correlates to the 'Justification" Column dropdown selections on the Blue tabs for the RP Line Items (exception of Lines B and C). In order for the Project to have an assigned Priority (A, B or C), a selection from the "Justification" dropdown list must be made for each Project line. For Line C - Unscheduled Mains, all of the project work should be categorized as 'Priority A' (no other Priority assignment can be selected).

C Lines A, and D through J

13 Select Budget, Budget Reserve or Overprogram from Column B for each Project line item. This selection is mandatory, as a non-selection will not allow the project/line item to be captured in the total project cost summary.

14 In the UNITS, UNIT COST and PROJECT COST sections, fill in the UNITS and UNIT COST for each Project-level and/or District-level line item. The PROJECT COST will be automatically calculated based on these entries. These sections are also available for data entry in the four (4) outer years (may be collapsed, and can be displayed by unclicking the 'Grouped' (+) button at the top of each worksheet.

15 Select the appropriate project JUSTIFICATION from the 'Justification' Column, as this will assign a Priority (A, B or C) automatically. This selection is mandatory, as a non-selection will not allow the project/line item to be captured in the total project cost summary. Any additional information or justification can be added to the 'Comments' section which is available on each data entry tab.

16 **Lines A and D only**: Select the pipe diameter (the diameter that encompasses the majority of the main project) from the 'Predominant Pipe Diameter' Column dropdown list and also indicate the number of ESTIMATED services in the 'Estimated No. of Services' Column.

17 **Lines E and F only**: Select the equipment type (Hydrant, Valve or Manhole) from the dropdown list in the 'Hydrant, Valve OR Manhole' column. Do not combine different equipment types on one project/district line item. Also, for example, if budgeting for a hydrant valve, use the 'Hydrant' dropdown selection, a this type of valve is normally considered part of a Hydrant. The 'Valve' selection is meant to encompass isolation valves (gate valves, etc.) within the main project. Multiple rows can be used to budget each equipment type for a single District.

18 **Lines G and H only**: Select the equipment type (Service or Lateral) from the dropdown list in the 'Service or Lateral' Column.

19 **Lines I and J only**: Select the meter type (Residential or Commercial) from the dropdown list in the 'Meter Type' Column, and select a meter diameter from the dropdown list in the 'Diameter' Column. Multiple rows can be used to budget each meter type and/or diameter for a single District.

D Line B Specifics

20 Same procedures as items 13, 14 and 15 (above). Line items will be budgeted at the District or Profit Center level. Select each Profit Center (District) from the dropdown list, as historical data (Total Main, Break Rate and NRW) for the prior year for each District will be displayed. Please select ALL Districts even if there are no plans for main replacement in the current Budget Year. The total footage of pipe for the State will then be utilized to calculate the overall planned Main Replacement Rate that is built into the worksheet in Cell K5. The individual District-level pipe replacement rates will also be calculated for each line item and are displayed in Column K. Also, if there is a potential for Main Rehabilitation, as opposed to Main Replacement, please indicate this in the 'Comments' field in Column K. NOTE: The Line B Prioritization Model has been removed from this RP workbook, and could be used separately.

E Line C Specifics

21 Same procedures as item 13 (above). Line items will be budgeted at the District or Profit Center level. Select each Profit Center (District) from the dropdown list. The Columns C, D and E will be used to populate District-level historical Line C spend data for the past three (3) years.***This data will be provided by the States OR, as needed, provided separately by the corporate Business Services - Engineering Capital Planning group*** *(in the future, it will be pre-loaded into the RP Workbook for each Profit Center).* Please select ALL Districts, even if there are no plans for Line C in the current Budget Year. Select 'Priority A' from the 'Priority' Column. ALL Line C Unscheduled Main replacement will have a 'Priority A' indicator.

END

RP GUIDANCE

Line Item	RP Description	A "A" First Priority Projects (per Asset Investment Strategy)	B "B" Second Priority Projects (per Asset Investment Strategy)	C "C" Third Priority Projects (per Asset Investment Strategy)
A	Mains - New	Provide service to new customers within existing franchise area.	Provide service to new customers beyond existing franchise area.	Address long term regulatory hydraulic issues (e.g. pressure below min required).
		Required to comply with regulations.	Address near term regulatory hydraulic issues (e.g. pressure below min required).	Proactive hydraulic improvement resulting in future improvement to service (e.g. loop dead end mains).
			Hydraulic improvement resulting in immediate improvement to service (e.g. loop dead end mains).	To enhance fire flows above AW minimum goals and up to full ISO recommended flows.
			Address to meet AW goals for fire flow and specific requests of local fire districts.	
B	Mains - Replaced / Restored	No longer providing expected level of service	Coordination with others (e.g., road is being repaved)	Proactive replacement based on performance of similar cohorts
C	Mains - Unscheduled	All - based on history.	n/a	n/a
D	Mains - Relocated	Project is known and defined and expected to proceed.	Project is tentative.	Project is speculative.
E	Hydrants, Valves, and Manholes - New	Required to comply with regulations.	Address significant operational issues.	Proactive improvement resulting in future improvement to operations.
		Requested by local government.		
F	Hydrants, Valves, and Manholes - Replaced	Physically fails and not repairable, or in imminent danger of failure.	Poor condition and spare parts no longer available.	Proactive replacement based on age or condition.
		Hydraulically inadequate.		
G	Services and Laterals - New	Provide service to new customers.	n/a	n/a
H	Services and Laterals - Replaced	Physically fails and materials are known to be prone to failure.	Physically fails and materials are not known to be prone to failure.	Proactive replacement of materials known to be prone to failure.
		Required to comply with regulations.		
I	Meters - New	Provide service to new customers.	n/a	n/a
J	Meters - Replaced	Required to comply with regulations.	No regulatory requirement and has been in service beyond expected life.	No regulatory requirement and has been in service for less than its expected lifespan.
		Meter stops or registers inaccurately.	New technology that results in operational improvement and/or savings.	
K	ITS Equipment and Systems	To support new (additional) employees.	Has reached the end of its expected life.	Proactive replacement based on condition or new technology.
		Equipment still needed and currently not supported by the vendor.	Provides a hard payback <3 years.	
		Required to comply with regulations.	Equipment still needed and soon to no longer be supported by the vendor.	
		Physically fails and not repairable, or in imminent danger of failure.	New equipment that improves productivity.	
L	SCADA Equipment and Systems	Equipment still needed and currently not supported by the vendor.	Has reached the end of its expected life.	Proactive replacement based on age, condition, or new technology.
		Required to comply with regulations.	Provides a hard payback <3 years.	
		Physically fails and not repairable, or in imminent danger of failure.	Equipment still needed and soon to no longer be supported by the vendor.	
			New equipment that improves productivity.	
M	Security Equipment and Systems	Minimum level of health and safety risk reduction not in place.	Has reached the end of its expected life.	Proactive replacement based on age, condition, or new technology.
		Equipment still needed and currently not supported by the vendor.	Provides a hard payback <3 years.	
		Required to comply with regulations.	Equipment still needed and soon to no longer be supported by the vendor.	
		Physically fails and not repairable, or in imminent danger of failure		
N	Offices and Operations Centers	For new (additional) employees, equipment, or vehicles.	Has reached the end of its expected life.	Proactive replacement based on age, condition, or new technology.
		Required to comply with regulations.	Provides a hard payback <3 years.	
		Addresses imminent health and/or safety issues.		
		Physically fails and not repairable, or in imminent danger of failure.		
O	Vehicles	For new (additional) employees.	Has reached the end of its expected life.	Proactive replacement based on age, condition, or new technology.
		Required to comply with regulations.	Provides a hard payback <3 years.	Provides environmental benefits.
		Addresses imminent health and/or safety issues.		
		Physically fails and not repairable, or in imminent danger of failure.		
P	Tools and Equipment	For new (additional) employees.	Has reached the end of its expected life.	Proactive replacement based on age, condition, or new technology.
		Required to comply with regulations.	Provides a hard payback <3 years.	
		Addresses imminent health and/or safety issues.	New tool / equipment that improves productivity.	
		Physically fails and not repairable, or in imminent danger of failure.		
Q	Process Plant Facilities and Equipment	Equipment still needed and currently not supported by the vendor.	Provides increased reliability or operating flexibility of critical assets.	Proactive replacement based on age, condition, or new technology.
		Required to comply with regulations.	Has reached the end of its expected life.	To meet non-mandatory water quality goals.
		Addresses imminent health and/or safety issues.	Provides a hard payback <3 years.	
		Physically fails and not repairable, or in imminent danger of failure.		
R	Capitalized Tank Rehabilitation / Painting	Physically fails or in imminent danger of failure.	Has reached the end of its expected life.	Proactive replacement based on age, condition, or new technology.
		Required to comply with regulations.		
		Addresses imminent health and/or safety issues.		
S	Engineering Studies	As necessary to provide regulatory support for future capital improvements.	Existing study is 10 years or older.	Existing study is 5-10 years old.
		Demands of existing system are at 90% or greater of capacity.		
		System is experiencing significant growth.		
		Required to comply with regulations.		
		Addresses imminent health and/or safety issues.		

RP SUMMARY		Date Prepared:	June 26, 2014		
Line Item	OPERATING UNIT	BUSINESS PLAN	2015		
	26-Tennessee	2015	Total Qty	Avg Unit Cost	Total Cost
TOTAL	Priority A				$6,256,903
	Priority B				$933,097
	Priority C				$2,180,000
	Total				**$9,369,999**
A	Priority A		0	$0	$0
	Priority B		0	$0	$0
	Priority C		950	$100	$95,000
	Total		**950**	**$100**	**$95,000**
B	Priority A		0	$0	$0
	Priority B		1,800	$110	$198,000
	Priority C		11,357	$115	$1,302,000
	Total		**13,157**	**$114**	**$1,500,000**
C	Priority A				$800,000
	Priority B - N/A				
	Priority C - N/A				
	Total				**$800,000**
D	Priority A		0	$0	$0
	Priority B		0	$0	$0
	Priority C		2,800	$125	$350,000
	Total		**2,800**	**$125**	**$350,000**
E	Priority A		0	$0	$0
	Priority B		0	$0	$0
	Priority C		21	$2,286	$48,000
	Total		**21**	**$2,286**	**$48,000**
F	Priority A		36	$7,083	$255,000
	Priority B		13	$9,231	$120,000
	Priority C		0	$0	$0
	Total		**49**	**$7,653**	**$375,000**
G	Priority A		360	$1,333	$480,000
	Priority B		0	$0	$0
	Priority C		0	$0	$0
	Total		**360**	**$1,333**	**$480,000**
H	Priority A		119	$2,101	$250,000
	Priority B		0	$0	$0
	Priority C		0	$0	$0
	Total		**119**	**$2,101**	**$250,000**
I	Priority A		678	$767	$520,000
	Priority B		0	$0	$0
	Priority C		0	$0	$0
	Total		**678**	**$767**	**$520,000**
J	Priority A		5,208	$139	$725,000
	Priority B		0	$0	$0
	Priority C		0	$0	$0
	Total		**5,208**	**$139**	**$725,000**
K	Priority A				$0
	Priority B				$220,797
	Priority C				$0

	Total			**$220,797**
L	Priority A			$170,000
	Priority B			$0
	Priority C			$15,000
	Total			**$185,000**
M	Priority A			$190,000
	Priority B			$0
	Priority C			$0
	Total			**$190,000**
N	Priority A			$0
	Priority B			$25,000
	Priority C			$0
	Total			**$25,000**
O	Priority A			$30,000
	Priority B			$0
	Priority C			$370,000
	Total			**$400,000**
P	Priority A			$33,000
	Priority B			$7,000
	Priority C			$0
	Total			**$40,000**
Q	Priority A			$2,268,903
	Priority B			$362,300
	Priority C			$0
	Total			**$2,631,203**
R	Priority A			$500,000
	Priority B			$0
	Priority C			$0
	Total			**$500,000**
S	Priority A			$35,000
	Priority B			$0
	Priority C			$0
	Total			**$35,000**

DISTRICT SUMMARY						
Date Prepared:	June 26, 2014					
OPERATING UNIT		2015	2016	2017	2018	2019
26-Tennessee		TOTAL 2015	TOTAL 2016	TOTAL 2017	TOTAL 2018	TOTAL 2019
2600-TN-Cap Growth Budget		$0	$0	$0	$0	$0
2601-TN-Corporate		$0	$0	$0	$0	$0
2602-TN-Chattanooga		$8,736,599	$0	$0	$0	$0
2603-TN-Suck Creek		$30,000	$0	$0	$0	$0
2604-TN-Lone Oak		$0	$0	$0	$0	$0
2605-TN-Sequatchie Valley		$603,400	$0	$0	$0	$0
	0	$0	$0	$0	$0	$0
	0	$0	$0	$0	$0	$0
	0					
	0					
	0					
	0					
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	0	$0	$0	$0	$0	$0
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	0	$0	$0	$0	$0	$0
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	0	$0	$0	$0	$0	$0
	0	$0	$0	$0	$0	$0
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	0	$0	$0	$0	$0	$0
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	0	$0	$0	$0	$0	$0
	0	$0	$0	$0	$0	$0
	0	$0	$0	$0	$0	$0
	0	$0	$0	$0	$0	$0
	0	$0	$0	$0	$0	$0
	0	$0	$0	$0	$0	$0
	0	$0	$0	$0	$0	$0
	0	$0	$0	$0	$0	$0

MAINS - NEW			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	TOTAL QTY	2015 AVG UNIT COST	TOTAL COST
Operating Unit	26-Tennessee	A	**Budget**	$95,000	Priority A	0	$0	$0
Current Bus. Plan Year	2015		**Budget Reserve**	$0	Priority B	0	$0	$0
Date Prepared	June 26, 2014		**Total Budget**	**$95,000**	Priority C	950	$100	$95,000
Budget Level	Project		**Overprogram**	$0	**Total**	**950**	**$100**	**$95,000**

PROJECT INFORMATION							UNITS	UNIT COST	PROJ. COST
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**	**Predominant Pipe Dia. (inches)**	**Estimated No. of Services**	**Justification**	**Priority**	**Estimated Quantity (feet)**	**Estimated Unit Cost ($/foot)**	**Estimated Cost (dollars)**
2602-TN-Chattanooga	Budget	Unidentified support of New Development	8"	3	Proactive hydraulic improvements	Priority C		$0.00	$0
2605-TN-Sequatchie Valley	Budget	New water main to support Retirement Village	8"	3	Proactive hydraulic improvements	Priority C	950	$100.00	$95,000
							-	$0.00	$0
							-	$0.00	$0
							-	$0.00	$0
							-	$0.00	$0
							-	$0.00	$0
							-	$0.00	$0
							-	$0.00	$0
							-	$0.00	$0
							-	$0.00	$0
							-	$0.00	$0
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							-	$0.00	$0
							-	$0.00	$0
							-	$0.00	$0
							-	$0.00	$0
							-	$0.00	$0
							-	$0.00	$0

MAINS - NEW			CURRENT BUSINESS PLAN YEAR - 2015		
Operating Unit	26-Tennessee	**A**	**Budget**	$95,000	
Current Bus. Plan Year	2015		**Budget Reserve**	$0	
Date Prepared	June 26, 2014		**Total Budget**	**$95,000**	
Budget Level	Project		**Overprogram**	$0	

PROJECT INFORMATION						COMMENTS
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**	**Predominant Pipe Dia. (inches)**	**Estimated No. of Services**	**Justification**	**As Needed (Optional)**
2602-TN-Chattanooga	Budget	Unidentified support of New Development	8"	3	Proactive hydraulic improvements	
2605-TN-Sequatchie Valley	Budget	New water main to support Retirement Village	8"	3	Proactive hydraulic improvements	

MAINS - NEW				CURRENT BUSINESS PLAN YEAR - 2015					
Operating Unit	26-Tennessee	**A**		**Budget**	$95,000				
Current Bus. Plan Year	2015			**Budget Reserve**	$0				
Date Prepared	June 26, 2014			**Total Budget**	**$95,000**				
Budget Level	Project			**Overprogram**	$0				
		PROJECT INFORMATION					**SUBTOTAL BY DISTRICT**	**2015**	
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**	**Predominant Pipe Dia. (inches)**	**Estimated No. of Services**	**Justification**		**District**	**Estimated Quantity (feet)**	**Estimated Cost (dollars)**
2602-TN-Chattanooga	Budget	Unidentified support of New Development	8"	3	Proactive hydraulic improvements		2600-TN-Cap Growth Budget	-	$0
2605-TN-Sequatchie Valley	Budget	New water main to support Retirement Village	8"	3	Proactive hydraulic improvements		2601-TN-Corporate	-	$0
							2602-TN-Chattanooga	-	$0
							2603-TN-Suck Creek	-	$0
							2604-TN-Lone Oak	-	$0
							2605-TN-Sequatchie Valley	950	$95,000
							0		
							0		
							0		
							0		
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MAINS - REPLACED / RESTORED			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	TOTAL QTY	2015 AVG UNIT COST
Operating Unit	26-Tennessee	**B**	**Budget**	$1,320,000	Priority A	0	$0
Business Plan Year	2015		**Budget Reserve**	$180,000	Priority B	1,800	$110
Date Prepared	June 26, 2014		**Total Budget**	**$1,500,000**	Priority C	11,357	$115
Budget Level	District		**Overprogram**	$0	**Total**	**13,157**	**$114**

PROJECT INFORMATION								UNITS	UNIT COST
Profit Center	**Budget Budget Reserve Overprogram**	**2013 Total Pipe in District (feet)**	**2013 Break Rate (breaks / mile)**	**2013 NRW (10,000 gal/day/mile)**	**Estimated No. of Services**	**Justification**	**Priority**	**Estimated Quantity (feet)**	**Estimated Unit Cost ($/foot)**
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	8	Proactive replacement based on performance of similar cohorts	Priority C	1152	$100.00
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	8	Proactive replacement based on performance of similar cohorts	Priority C	535	$110.00
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	40	Proactive replacement based on performance of similar cohorts	Priority C	1500	$110.03
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	33	Coordination with others (e.g., road is being repaved)	Priority B	1800	$110.00
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	25	Proactive replacement based on performance of similar cohorts	Priority C	1200	$120.00
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	15	Proactive replacement based on performance of similar cohorts	Priority C	800	$120.00
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	16	Proactive replacement based on performance of similar cohorts	Priority C	1700	$115.00
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	18	Proactive replacement based on performance of similar cohorts	Priority C	1800	$115.00
2602-TN-Chattanooga	Budget Reserve	6,711,408	0.36	0.69	10	Proactive replacement based on performance of similar cohorts	Priority C	700	$120.00
2602-TN-Chattanooga	Budget Reserve	6,711,408	0.36	0.69	12	Proactive replacement based on performance of similar cohorts	Priority C	800	$120.00
2605-TN-Sequatchie Valley	Budget				8	Proactive replacement based on performance of similar cohorts	Priority C	500	$120.00
2605-TN-Sequatchie Valley	Budget				7	Proactive replacement based on performance of similar cohorts	Priority C	670	$120.00
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	33	Proactive replacement based on performance of similar cohorts	Priority C	-	$0.00
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	40	Proactive replacement based on performance of similar cohorts	Priority C	-	$0.00
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	10	Proactive replacement based on performance of similar cohorts	Priority C	-	$0.00
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	36	Proactive replacement based on performance of similar cohorts	Priority C	-	$0.00
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	28	Proactive replacement based on performance of similar cohorts	Priority C	-	$0.00
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	13	Proactive replacement based on performance of similar cohorts	Priority C	-	$0.00
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	20	Proactive replacement based on performance of similar cohorts	Priority C	-	$0.00
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	12	Proactive replacement based on performance of similar cohorts	Priority C	-	$0.00
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	30	Proactive replacement based on performance of similar cohorts	Priority C	-	$0.00
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	50	Proactive replacement based on performance of similar cohorts	Priority C	-	$0.00
2602-TN-Chattanooga	Overprogram	6,711,408	0.36	0.69	22	Proactive replacement based on performance of similar cohorts	Priority C	-	$0.00
2605-TN-Sequatchie Valley	Budget				20	Proactive replacement based on performance of similar cohorts	Priority C	-	$0.00

MAINS - REPLACED / RESTORED						CU TOTAL COST	2015 REPL RATE	
Operating Unit	26-Tennessee	B		Budget		$0		
Business Plan Year	2015			Budget Reserve		$198,000		
Date Prepared	June 26, 2014			Total Budget		$1,302,000		
Budget Level	District			Overprogram		$1,500,000	0.0001	
PROJECT INFORMATION						PROJ. COST	REPL RATE	POTENTIAL FOR REHABILITATION / COMMENTS
Profit Center	Budget Budget Reserve Overprogram	2013 Total Pipe in District (feet)	2013 Break Rate (breaks / mile)	2013 NRW (10,000 gal/day/mile)	Estimated No. of Services	Estimated Cost (dollars)	Replacement Rate (%)	As Required
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	8	$115,200	0.00017	
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	8	$58,850	0.00008	
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	40	$165,050	0.00022	
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	33	$198,000	0.00027	
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	25	$144,000	0.00018	
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	15	$96,000	0.00012	
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	16	$195,500	0.00025	
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	18	$207,000	0.00027	
2602-TN-Chattanooga	Budget Reserve	6,711,408	0.36	0.69	10	$84,000	0.00010	
2602-TN-Chattanooga	Budget Reserve	6,711,408	0.36	0.69	12	$96,000	0.00012	
2605-TN-Sequatchie Valley	Budget				8	$60,000		
2605-TN-Sequatchie Valley	Budget				7	$80,400		
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	33	$0	0.00000	
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	40	$0	0.00000	
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	10	$0	0.00000	
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	36	$0	0.00000	
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	28	$0	0.00000	
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	13	$0	0.00000	
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	20	$0	0.00000	
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	12	$0	0.00000	
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	30	$0	0.00000	
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	50	$0	0.00000	
2602-TN-Chattanooga	Overprogram	6,711,408	0.36	0.69	22	$0	0.00000	
2605-TN-Sequatchie Valley	Budget				20	$0		

MAINS - REPLACED / RESTORED

CU

Operating Unit	26-Tennessee	**Budget**	
Business Plan Year	2015	**Budget Reserve**	
Date Prepared	June 26, 2014	**Total Budget**	
Budget Level	District	**Overprogram**	

B

PROJECT INFORMATION						SUBTOTAL BY DISTRICT	2015	
Profit Center	**Budget Budget Reserve Overprogram**	**2013 Total Pipe in District (feet)**	**2013 Break Rate (breaks / mile)**	**2013 NRW (10,000 gal/day/mile)**	**Estimated No. of Services**	**District**	**Estimated Quantity (feet)**	**Estimated Cost (dollars)**
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	8	2600-TN-Cap Growth Budget	-	$0
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	8	2601-TN-Corporate	-	$0
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	40	2602-TN-Chattanooga	11,987	$1,359,600
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	33	2603-TN-Suck Creek	-	$0
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	25	2604-TN-Lone Oak	-	$0
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	15	2605-TN-Sequatchie Valley	1,170	$140,400
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	16	0		
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	18	0		
2602-TN-Chattanooga	Budget Reserve	6,711,408	0.36	0.69	10	0		
2602-TN-Chattanooga	Budget Reserve	6,711,408	0.36	0.69	12	0		
2605-TN-Sequatchie Valley	Budget				8	0		
2605-TN-Sequatchie Valley	Budget				7	0		
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	33	0		
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	40	0		
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	10	0		
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	36	0		
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	28	0		
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	13	0		
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	20	0		
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	12	0		
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	30	0		
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	50	0		
2602-TN-Chattanooga	Overprogram	6,711,408	0.36	0.69	22	0		
2605-TN-Sequatchie Valley	Budget				20	0		

MAINS - UNSCHEDULED			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	2015 TOTAL COST	
Operating Unit	26-Tennessee	**C**	**Budget**	$800,000	Priority A	$800,000	
Business Plan Year	2015		**Budget Reserve**	$0			
Date Prepared	June 26, 2014		**Total Budget**	**$800,000**			
Budget Level	District				**Total**	**$800,000**	
PROJECT INFORMATION						**2015**	**COMMENTS**
Profit Center	**Budget Budget Reserve**	**Line C Actual 2011 (dollars)**	**Line C Actual 2012 (dollars)**	**Line C Actual 2013 (dollars)**	**Priority**	**Estimated Cost (dollars)**	**As Needed (Optional)**
2602-TN-Chattanooga	Budget	306,947	547,959	1,404,032	Priority A	$750,000	There has been a move over the past two years to replace main than just repair
2603-TN-Suck Creek	Budget				Priority A	$0	
2604-TN-Lone Oak	Budget				Priority A	$0	
2605-TN-Sequatchie Valley	Budget				Priority A	$50,000	
						$0	
						$0	
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MAINS - UNSCHEDULED			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY		
Operating Unit	26-Tennessee	**C**	**Budget**	$800,000	Priority A		
Business Plan Year	2015		**Budget Reserve**	$0			
Date Prepared	June 26, 2014		**Total Budget**	**$800,000**			
Budget Level	District				**Total**		
PROJECT INFORMATION						**SUBTOTAL BY DISTRICT**	**2015**
Profit Center	**Budget Budget Reserve**	**Line C Actual 2011 (dollars)**	**Line C Actual 2012 (dollars)**	**Line C Actual 2013 (dollars)**	**Priority**	**District**	**Estimated Cost (dollars)**
2602-TN-Chattanooga	Budget	306,947	547,959	1,404,032	Priority A	2600-TN-Cap Growth Budget	$0
2603-TN-Suck Creek	Budget				Priority A	2601-TN-Corporate	$0
2604-TN-Lone Oak	Budget				Priority A	2602-TN-Chattanooga	$750,000
2605-TN-Sequatchie Valley	Budget				Priority A	2603-TN-Suck Creek	$0
						2604-TN-Lone Oak	$0
						2605-TN-Sequatchie Valley	$50,000
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MAINS - RELOCATED			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	2015 TOTAL QTY	 AVG UNIT COST	 TOTAL COST
Operating Unit	26-Tennessee	D	**Budget**	$250,000	Priority A	0	$0	$0
Business Plan Year	2015		**Budget Reserve**	$100,000	Priority B	0	$0	$0
Date Prepared	June 26, 2014		**Total Budget**	**$350,000**	Priority C	2,800	$125	$350,000
Budget Level	Project		**Overprogram**	$0	**Total**	**2,800**	**$125**	**$350,000**

PROJECT INFORMATION							UNITS	UNIT COST	PROJ. COST
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**	**Predominant Pipe Dia. (inches)**	**Estimated No. of Services**	**Justification**	**Priority**	**Estimated Quantity (feet)**	**Estimated Unit Cost ($/foot)**	**Estimated Cost (dollars)**
2602-TN-Chattanooga	Budget	Misc - Chattanooga Road Way Improvements	8"	25	Project is speculative	Priority C	2,000	$125.00	$250,000
2602-TN-Chattanooga	Budget Reserve	Misc. - Tennessee DOT Road Way Improvements	8"	25	Project is speculative	Priority C	800	$125.00	$100,000
							-	$0.00	$0
							-	$0.00	$0
							-	$0.00	$0
							-	$0.00	$0
							-	$0.00	$0
							-	$0.00	$0
							-	$0.00	$0
							-	$0.00	$0
							-	$0.00	$0
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							-	$0.00	$0
							-	$0.00	$0
							-	$0.00	$0
							-	$0.00	$0
							-	$0.00	$0

MAINS - RELOCATED			CURRENT BUSINESS PLAN YEAR - 2015		
Operating Unit	26-Tennessee	**D**	**Budget**	$250,000	
Business Plan Year	2015		**Budget Reserve**	$100,000	
Date Prepared	June 26, 2014		**Total Budget**	**$350,000**	
Budget Level	Project		**Overprogram**	$0	

PROJECT INFORMATION						COMMENTS
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**	**Predominant Pipe Dia. (inches)**	**Estimated No. of Services**	**Justification**	**As Needed (Optional)**
2602-TN-Chattanooga	Budget	Misc - Chattanooga Road Way Improvements	8"	25	Project is speculative	
2602-TN-Chattanooga	Budget Reserve	Misc. - Tennessee DOT Road Way Improvements	8"	25	Project is speculative	

MAINS - RELOCATED				CURRENT BUSINESS PLAN YEAR - 2015				
Operating Unit	26-Tennessee	**D**		**Budget**	$250,000			
Business Plan Year	2015			**Budget Reserve**	$100,000			
Date Prepared	June 26, 2014			**Total Budget**	**$350,000**			
Budget Level	Project			**Overprogram**	$0			
PROJECT INFORMATION						**SUBTOTAL BY DISTRICT**	**2015**	
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**	**Predominant Pipe Dia. (inches)**	**Estimated No. of Services**	**Justification**	**District**	**Estimated Quantity (feet)**	**Estimated Cost (dollars)**
2602-TN-Chattanooga	Budget	Misc - Chattanooga Road Way Improvements	8"	25	Project is speculative	2600-TN-Cap Growth Budget	-	$0
2602-TN-Chattanooga	Budget Reserve	Misc. - Tennessee DOT Road Way Improvements	8"	25	Project is speculative	2601-TN-Corporate	-	$0
						2602-TN-Chattanooga	2,800	$350,000
						2603-TN-Suck Creek	-	$0
						2604-TN-Lone Oak	-	$0
						2605-TN-Sequatchie Valley	-	$0
						0		
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HYDRANTS, VALVES and MANHOLES - NEW			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	2015 TOTAL QTY	AVG UNIT COST	TOTAL COST
Operating Unit	26-Tennessee	E	**Budget**	$48,000	Priority A	0	$0	$0
Business Plan Year	2015		**Budget**	$0	Priority B	0	$0	$0
Date Prepared	June 26, 2014		**Total Budget**	**$48,000**	Priority C	21	$2,286	$48,000
Budget Level	District		**Overprogram**	$0	**Total**	**21**	**$2,286**	**$48,000**

PROJECT INFORMATION					UNITS	UNIT COST	PROJ. COST
Profit Center	**Budget Budget Reserve Overprogram**	**Hydrant, Valve OR Manhole**	**Justification**	**Priority**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**
2602-TN-Chattanooga	Budget	Hydrant(s)	Proactive improvement resulting in future improvement to operations	Priority C	12	$3,000.00	$36,000
2602-TN-Chattanooga	Budget	Valve(s)	Proactive improvement resulting in future improvement to operations	Priority C	7	$1,000.00	$7,000
2605-TN-Sequatchie Valley	Budget	Hydrant(s)	Proactive improvement resulting in future improvement to operations	Priority C	2	$2,500.00	$5,000
2605-TN-Sequatchie Valley	Budget	Valve(s)	Proactive improvement resulting in future improvement to operations	Priority C	-	$850.00	$0
2602-TN-Chattanooga	Budget	Hydrant(s)	Proactive improvement resulting in future improvement to operations	Priority C	-	$0.00	$0
2602-TN-Chattanooga	Budget	Valve(s)	Proactive improvement resulting in future improvement to operations	Priority C	-	$0.00	$0
2605-TN-Sequatchie Valley	Budget	Hydrant(s)	Proactive improvement resulting in future improvement to operations	Priority C	-	$0.00	$0
2605-TN-Sequatchie Valley	Budget	Valve(s)	Proactive improvement resulting in future improvement to operations	Priority C	-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0
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					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0

HYDRANTS, VALVES and MANHOLES - NEV			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	
Operating Unit	26-Tennessee	E	**Budget**	$48,000	Priority A	
Business Plan Year	2015		**Budget**	$0	Priority B	
Date Prepared	June 26, 2014		**Total Budget**	**$48,000**	Priority C	
Budget Level	District		**Overprogram**	$0	**Total**	

PROJECT INFORMATION					COMMENTS
Profit Center	**Budget Budget Reserve Overprogram**	**Hydrant, Valve OR Manhole**	**Justification**	**Priority**	**As Needed (Optional)**
2602-TN-Chattanooga	Budget	Hydrant(s)	Proactive improvement resulting in future improvement to operations	Priority C	
2602-TN-Chattanooga	Budget	Valve(s)	Proactive improvement resulting in future improvement to operations	Priority C	
2605-TN-Sequatchie Valley	Budget	Hydrant(s)	Proactive improvement resulting in future improvement to operations	Priority C	
2605-TN-Sequatchie Valley	Budget	Valve(s)	Proactive improvement resulting in future improvement to operations	Priority C	
2602-TN-Chattanooga	Budget	Hydrant(s)	Proactive improvement resulting in future improvement to operations	Priority C	
2602-TN-Chattanooga	Budget	Valve(s)	Proactive improvement resulting in future improvement to operations	Priority C	
2605-TN-Sequatchie Valley	Budget	Hydrant(s)	Proactive improvement resulting in future improvement to operations	Priority C	
2605-TN-Sequatchie Valley	Budget	Valve(s)	Proactive improvement resulting in future improvement to operations	Priority C	

HYDRANTS, VALVES and MANHOLES - NEW			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY			
Operating Unit	26-Tennessee	E	Budget	$48,000	Priority A			
Business Plan Year	2015		Budget	$0	Priority B			
Date Prepared	June 26, 2014		Total Budget	$48,000	Priority C			
Budget Level	District		Overprogram	$0	Total			
PROJECT INFORMATION						SUBTOTAL BY DISTRICT	2015	
Profit Center	Budget Budget Reserve Overprogram	Hydrant, Valve OR Manhole	Justification		Priority	District	Estimated Quantity (each)	Estimated Cost (dollars)
2602-TN-Chattanooga	Budget	Hydrant(s)	Proactive improvement resulting in future improvement to operations		Priority C	2600-TN-Cap Growth Budget	-	$0
2602-TN-Chattanooga	Budget	Valve(s)	Proactive improvement resulting in future improvement to operations		Priority C	2601-TN-Corporate	-	$0
2605-TN-Sequatchie Valley	Budget	Hydrant(s)	Proactive improvement resulting in future improvement to operations		Priority C	2602-TN-Chattanooga	19	$43,000
2605-TN-Sequatchie Valley	Budget	Valve(s)	Proactive improvement resulting in future improvement to operations		Priority C	2603-TN-Suck Creek	-	$0
2602-TN-Chattanooga	Budget	Hydrant(s)	Proactive improvement resulting in future improvement to operations		Priority C	2604-TN-Lone Oak	-	$0
2602-TN-Chattanooga	Budget	Valve(s)	Proactive improvement resulting in future improvement to operations		Priority C	2605-TN-Sequatchie Valley	2	$5,000
2605-TN-Sequatchie Valley	Budget	Hydrant(s)	Proactive improvement resulting in future improvement to operations		Priority C	0		
2605-TN-Sequatchie Valley	Budget	Valve(s)	Proactive improvement resulting in future improvement to operations		Priority C	0		
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HYDRANTS, VALVES and MANHOLES - REPLACI			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	2015 TOTAL QTY	AVG UNIT COST	TOTAL COST
Operating Unit	26-Tennessee	**F**	**Budget**	$375,000	Priority A	36	$7,083	$255,000
Business Plan Year	2015		**Budget**	$0	Priority B	13	$9,231	$120,000
Date Prepared	June 26, 2014		**Total Budget**	**$375,000**	Priority C	0	$0	$0
Budget Level	District		**Overprogram**	$0	**Total**	**49**	**$7,653**	**$375,000**
PROJECT INFORMATION						**UNITS**	**UNIT COST**	**PROJ. COST**
Profit Center	**Budget Budget Reserve Overprogram**	**Hydrant, Valve OR Manhole**		**Justification**	**Priority**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**
2602-TN-Chattanooga	Budget	Valve(s)		Physically fails, not repairable, or in imminent danger of failure	Priority A	8	$20,000.00	$160,000
2602-TN-Chattanooga	Budget	Valve(s)		Poor condition and spare parts no longer available	Priority B	5	$20,000.00	$100,000
2602-TN-Chattanooga	Budget	Hydrant(s)		Physically fails, not repairable, or in imminent danger of failure	Priority A	25	$3,000.00	$75,000
2602-TN-Chattanooga	Budget	Hydrant(s)		Poor condition and spare parts no longer available	Priority B	8	$2,500.00	$20,000
2605-TN-Sequatchie Valley	Budget	Valve(s)		Physically fails, not repairable, or in imminent danger of failure	Priority A	1	$15,000.00	$15,000
2605-TN-Sequatchie Valley	Budget	Valve(s)		Poor condition and spare parts no longer available	Priority B		$15,000.00	$0
2605-TN-Sequatchie Valley	Budget	Hydrant(s)		Physically fails, not repairable, or in imminent danger of failure	Priority A	2	$2,500.00	$5,000
2605-TN-Sequatchie Valley	Budget	Hydrant(s)		Poor condition and spare parts no longer available	Priority B	-	$0.00	$0
2602-TN-Chattanooga	Budget	Valve(s)		Physically fails, not repairable, or in imminent danger of failure	Priority A	-	$0.00	$0
2602-TN-Chattanooga	Budget	Valve(s)		Poor condition and spare parts no longer available	Priority B	-	$0.00	$0
2602-TN-Chattanooga	Budget	Hydrant(s)		Physically fails, not repairable, or in imminent danger of failure	Priority A	-	$0.00	$0
2602-TN-Chattanooga	Budget	Hydrant(s)		Poor condition and spare parts no longer available	Priority B	-	$0.00	$0
2605-TN-Sequatchie Valley	Budget	Valve(s)		Physically fails, not repairable, or in imminent danger of failure	Priority A	-	$0.00	$0
2605-TN-Sequatchie Valley	Budget	Valve(s)		Poor condition and spare parts no longer available	Priority B	-	$0.00	$0
2605-TN-Sequatchie Valley	Budget	Hydrant(s)		Physically fails, not repairable, or in imminent danger of failure	Priority A	-	$0.00	$0
2605-TN-Sequatchie Valley	Budget	Hydrant(s)		Poor condition and spare parts no longer available	Priority B	-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0

HYDRANTS, VALVES and MANHOLES - REPLACI			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	
Operating Unit	26-Tennessee	F	**Budget**	$375,000	Priority A	
Business Plan Year	2015		**Budget**	$0	Priority B	
Date Prepared	June 26, 2014		**Total Budget**	**$375,000**	Priority C	
Budget Level	District		**Overprogram**	$0	**Total**	

PROJECT INFORMATION					COMMENTS
Profit Center	**Budget Budget Reserve Overprogram**	**Hydrant, Valve OR Manhole**	**Justification**	**Priority**	**As Needed (Optional)**
2602-TN-Chattanooga	Budget	Valve(s)	Physically fails, not repairable, or in imminent danger of failure	Priority A	
2602-TN-Chattanooga	Budget	Valve(s)	Poor condition and spare parts no longer available	Priority B	
2602-TN-Chattanooga	Budget	Hydrant(s)	Physically fails, not repairable, or in imminent danger of failure	Priority A	
2602-TN-Chattanooga	Budget	Hydrant(s)	Poor condition and spare parts no longer available	Priority B	
2605-TN-Sequatchie Valley	Budget	Valve(s)	Physically fails, not repairable, or in imminent danger of failure	Priority A	
2605-TN-Sequatchie Valley	Budget	Valve(s)	Poor condition and spare parts no longer available	Priority B	
2605-TN-Sequatchie Valley	Budget	Hydrant(s)	Physically fails, not repairable, or in imminent danger of failure	Priority A	
2605-TN-Sequatchie Valley	Budget	Hydrant(s)	Poor condition and spare parts no longer available	Priority B	
2602-TN-Chattanooga	Budget	Valve(s)	Physically fails, not repairable, or in imminent danger of failure	Priority A	
2602-TN-Chattanooga	Budget	Valve(s)	Poor condition and spare parts no longer available	Priority B	
2602-TN-Chattanooga	Budget	Hydrant(s)	Physically fails, not repairable, or in imminent danger of failure	Priority A	
2602-TN-Chattanooga	Budget	Hydrant(s)	Poor condition and spare parts no longer available	Priority B	
2605-TN-Sequatchie Valley	Budget	Valve(s)	Physically fails, not repairable, or in imminent danger of failure	Priority A	
2605-TN-Sequatchie Valley	Budget	Valve(s)	Poor condition and spare parts no longer available	Priority B	
2605-TN-Sequatchie Valley	Budget	Hydrant(s)	Physically fails, not repairable, or in imminent danger of failure	Priority A	
2605-TN-Sequatchie Valley	Budget	Hydrant(s)	Poor condition and spare parts no longer available	Priority B	

HYDRANTS, VALVES and MANHOLES - REPLACI			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY			
Operating Unit	26-Tennessee	F	**Budget**	$375,000	Priority A			
Business Plan Year	2015		**Budget**	$0	Priority B			
Date Prepared	June 26, 2014		**Total Budget**	**$375,000**	Priority C			
Budget Level	District		**Overprogram**	$0	**Total**			
PROJECT INFORMATION						**SUBTOTAL BY DISTRICT**	**2015**	
Profit Center	**Budget Budget Reserve Overprogram**	**Hydrant, Valve OR Manhole**	**Justification**		**Priority**	**District**	**Estimated Quantity (each)**	**Estimated Cost (dollars)**
2602-TN-Chattanooga	Budget	Valve(s)	Physically fails, not repairable, or in imminent danger of failure		Priority A	2600-TN-Cap Growth Budget	-	$0
2602-TN-Chattanooga	Budget	Valve(s)	Poor condition and spare parts no longer available		Priority B	2601-TN-Corporate	-	$0
2602-TN-Chattanooga	Budget	Hydrant(s)	Physically fails, not repairable, or in imminent danger of failure		Priority A	2602-TN-Chattanooga	46	$355,000
2602-TN-Chattanooga	Budget	Hydrant(s)	Poor condition and spare parts no longer available		Priority B	2603-TN-Suck Creek	-	$0
2605-TN-Sequatchie Valley	Budget	Valve(s)	Physically fails, not repairable, or in imminent danger of failure		Priority A	2604-TN-Lone Oak	-	$0
2605-TN-Sequatchie Valley	Budget	Valve(s)	Poor condition and spare parts no longer available		Priority B	2605-TN-Sequatchie Valley	3	$20,000
2605-TN-Sequatchie Valley	Budget	Hydrant(s)	Physically fails, not repairable, or in imminent danger of failure		Priority A	0		
2605-TN-Sequatchie Valley	Budget	Hydrant(s)	Poor condition and spare parts no longer available		Priority B	0		
2602-TN-Chattanooga	Budget	Valve(s)	Physically fails, not repairable, or in imminent danger of failure		Priority A	0		
2602-TN-Chattanooga	Budget	Valve(s)	Poor condition and spare parts no longer available		Priority B	0		
2602-TN-Chattanooga	Budget	Hydrant(s)	Physically fails, not repairable, or in imminent danger of failure		Priority A	0		
2602-TN-Chattanooga	Budget	Hydrant(s)	Poor condition and spare parts no longer available		Priority B	0		
2605-TN-Sequatchie Valley	Budget	Valve(s)	Physically fails, not repairable, or in imminent danger of failure		Priority A	0		
2605-TN-Sequatchie Valley	Budget	Valve(s)	Poor condition and spare parts no longer available		Priority B	0		
2605-TN-Sequatchie Valley	Budget	Hydrant(s)	Physically fails, not repairable, or in imminent danger of failure		Priority A	0		
2605-TN-Sequatchie Valley	Budget	Hydrant(s)	Poor condition and spare parts no longer available		Priority B	0		
						0		
						0		
						0		
						0		
						0		
						0		
						0		
						0		

SERVICES and LATERALS - NEW			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	2015 TOTAL QTY	AVG UNIT COST	TOTAL COST
Operating Unit	26-Tennessee	**G**	**Budget**	$480,000	Priority A	360	$1,333	$480,000
Business Plan Year	2015		**Budget Reserve**	$0	Priority B	0	$0	$0
Date Prepared	June 26, 2014		**Total Budget**	**$480,000**	Priority C	0	$0	$0
Budget Level	District		**Overprogram**	$0	**Total**	**360**	**$1,333**	**$480,000**

PROJECT INFORMATION					UNITS	UNIT COST	PROJ. COST
Profit Center	**Budget Budget Reserve Overprogram**	**Service OR Lateral**	**Justification**	**Priority**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**
2602-TN-Chattanooga	Budget	Service(s)	Residential - new growth	Priority A	355	$1,338.03	$475,000
2605-TN-Sequatchie Valley	Budget	Service(s)	Residential - new growth	Priority A	5	$1,000.00	$5,000
					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0

SERVICES and LATERALS - NEW			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY		
Operating Unit	26-Tennessee	**G**	**Budget**	$480,000	Priority A		
Business Plan Year	2015		**Budget Reserve**	$0	Priority B		
Date Prepared	June 26, 2014		**Total Budget**	**$480,000**	Priority C		
Budget Level	District		**Overprogram**	$0	**Total**		

PROJECT INFORMATION					COMMENTS	SUBTOTAL BY DISTRICT
Profit Center	**Budget Budget Reserve Overprogram**	**Service OR Lateral**	**Justification**	**Priority**	**As Needed (Optional)**	**District**
2602-TN-Chattanooga	Budget	Service(s)	Residential - new growth	Priority A		2600-TN-Cap Growth Budget
2605-TN-Sequatchie Valley	Budget	Service(s)	Residential - new growth	Priority A		2601-TN-Corporate
						2602-TN-Chattanooga
						2603-TN-Suck Creek
						2604-TN-Lone Oak
						2605-TN-Sequatchie Valley
						0
						0
						0
						0
						0
						0
						0
						0
						0
						0
						0
						0
						0
						0
						0
						0
						0
						0
						0

SERVICES and LATERALS - NEW			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY		
Operating Unit	26-Tennessee	**G**	**Budget**	$480,000	Priority A		
Business Plan Year	2015		**Budget Reserve**	$0	Priority B		
Date Prepared	June 26, 2014		**Total Budget**	**$480,000**	Priority C		
Budget Level	District		**Overprogram**	$0	**Total**		
PROJECT INFORMATION						**2015**	
Profit Center	**Budget Budget Reserve Overprogram**	**Service OR Lateral**	**Justification**		**Priority**	**Estimated Quantity (each)**	**Estimated Cost (dollars)**
2602-TN-Chattanooga	Budget	Service(s)	Residential - new growth		Priority A	-	$0
2605-TN-Sequatchie Valley	Budget	Service(s)	Residential - new growth		Priority A	-	$0
						355	$475,000
						-	$0
						-	$0
						5	$5,000

SERVICES and LATERALS - REPLACED			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	2015 TOTAL QTY	AVG UNIT COST	TOTAL COST
Operating Unit	26-Tennessee	H	**Budget**	$250,000	Priority A	119	$2,101	$250,000
Business Plan Year	2015		**Budget Reserve**	$0	Priority B	0	$0	$0
Date Prepared	June 26, 2014		**Total Budget**	**$250,000**	Priority C	0	$0	$0
Budget Level	District		**Overprogram**	$0	**Total**	**119**	**$2,101**	**$250,000**

PROJECT INFORMATION					UNITS	UNIT COST	PROJ. COST	COMMENTS	SUBTOTAL BY DISTRICT	2015	
Profit Center	**Budget Budget Reserve Overprogram**	**Service OR Lateral**	**Justification**	**Priority**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**As Needed (Optional)**	**District**	**Estimated Quantity (each)**	**Estimated Cost (dollars)**
2602-TN-Chattanooga	Budget	Service(s)	Damaged or physically fails	Priority A	60	$1,000.00	$60,000		2600-TN-Cap Growth Budget	-	$0
2602-TN-Chattanooga	Budget	Service(s)	Damaged or physically fails	Priority A	50	$3,500.00	$175,000		2601-TN-Corporate	-	$0
2605-TN-Sequatchie Valley	Budget	Service(s)	Damaged or physically fails	Priority A	5	$1,000.00	$5,000		2602-TN-Chattanooga	110	$235,000
2605-TN-Sequatchie Valley	Budget	Service(s)	Damaged or physically fails	Priority A	4	$2,500.00	$10,000		2603-TN-Suck Creek	-	$0
					-	$0.00	$0		2604-TN-Lone Oak	-	$0
					-	$0.00	$0		2605-TN-Sequatchie Valley	9	$15,000
					-	$0.00	$0		0		
					-	$0.00	$0		0		
					-	$0.00	$0		0		
					-	$0.00	$0		0		
					-	$0.00	$0		0		
					-	$0.00	$0		0		
					-	$0.00	$0		0		
					-	$0.00	$0		0		
					-	$0.00	$0		0		
					-	$0.00	$0		0		
					-	$0.00	$0		0		
					-	$0.00	$0		0		
					-	$0.00	$0		0		
					-	$0.00	$0		0		
					-	$0.00	$0		0		
					-	$0.00	$0		0		
					-	$0.00	$0		0		
					-	$0.00	$0		0		

METERS - NEW		CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	2015 TOTAL QTY	AVG UNIT COST	TOTAL COST
Operating Unit	26-Tennessee	**Budget**	$520,000	Priority A	678	$767	$520,000
Business Plan Year	2015	**Budget Reserve**	$0	Priority B	0	$0	$0
Date Prepared	June 26, 2014	**Total Budget**	**$520,000**	Priority C	0	$0	$0
Budget Level	District	**Overprogram**	$0	**Total**	**678**	**$767**	**$520,000**

PROJECT INFORMATION						UNITS	UNIT COST	PROJ. COST
Profit Center	**Budget Budget Reserve Overprogram**	**Meter Type**	**Diameter (inches)**	**Justification**	**Priority**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**
2602-TN-Chattanooga	Budget	Residential	5/8" x 3/4"	Provide service to new customers	Priority A	650	$769.23	$500,000
2605-TN-Sequatchie Valley	Budget	Residential	5/8" x 3/4"	Provide service to new customers	Priority A	28	$714.30	$20,000
						-	$0.00	$0
						-	$0.00	$0
			2"			-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0

METERS - NEW			CURRENT BUSINESS PLAN YEAR - 2015			
Operating Unit	26-Tennessee		**Budget**	$520,000		
Business Plan Year	2015		**Budget Reserve**	$0		
Date Prepared	June 26, 2014		**Total Budget**	**$520,000**		
Budget Level	District		**Overprogram**	$0		
PROJECT INFORMATION					**COMMENTS**	**SUBTOTAL BY DISTRICT**
Profit Center	**Budget Budget Reserve Overprogram**	**Meter Type**	**Diameter (inches)**	**Justification**	**As Needed (Optional)**	**District**
2602-TN-Chattanooga	Budget	Residential	5/8" x 3/4"	Provide service to new customers		2600-TN-Cap Growth Budget
2605-TN-Sequatchie Valley	Budget	Residential	5/8" x 3/4"	Provide service to new customers		2601-TN-Corporate
						2602-TN-Chattanooga
						2603-TN-Suck Creek
			2"			2604-TN-Lone Oak
						2605-TN-Sequatchie Valley
						0
						0
						0
						0
						0
						0
						0
						0
						0
						0
						0
						0
						0
						0
						0
						0
						0
						0

METERS - NEW			CURRENT BUSINESS PLAN YEAR - 2015			
Operating Unit	26-Tennessee		**Budget**	$520,000		
Business Plan Year	2015		**Budget Reserve**	$0		
Date Prepared	June 26, 2014		**Total Budget**	**$520,000**		
Budget Level	District		**Overprogram**	$0		

PROJECT INFORMATION					2015	
Profit Center	**Budget Budget Reserve Overprogram**	**Meter Type**	**Diameter (inches)**	**Justification**	**Estimated Quantity (each)**	**Estimated Cost (dollars)**
2602-TN-Chattanooga	Budget	Residential	5/8" x 3/4"	Provide service to new customers	-	$0
2605-TN-Sequatchie Valley	Budget	Residential	5/8" x 3/4"	Provide service to new customers	-	$0
					650	$500,000
					-	$0
			2"		-	$0
					28	$20,000

METERS - REPLACED			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	TOTAL QTY	2015 AVG UNIT COST
Operating Unit	26-Tennessee	**J**	**Budget**	$725,000	Priority A	5,208	$139
Business Plan Year	2015		**Budget Reserve**	$0	Priority B	0	$0
Date Prepared	June 26, 2014		**Total Budget**	**$725,000**	Priority C	0	$0
Budget Level	District		**Overprogram**	$0	**Total**	**5,208**	**$139**

PROJECT INFORMATION						UNITS	UNIT COST
Profit Center	**Budget Budget Reserve Overprogram**	**Meter Type**	**Diameter (inches)**	**Justification**	**Priority**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**
2602-TN-Chattanooga	Budget	Residential	5/8" x 3/4"	Required to comply with regulations	Priority A	4,915	$140.00
2602-TN-Chattanooga	Budget	Residential	5/8" x 3/4"	Meter malfunction (stops or registers inaccurately)	Priority A	89	$100.00
2602-TN-Chattanooga	Budget	Residential	2"	Required to comply with regulations	Priority A	10	$300.00
2605-TN-Sequatchie Valley	Budget	Residential	5/8" x 3/4"	Required to comply with regulations	Priority A	140	$140.00
2605-TN-Sequatchie Valley	Budget	Residential	5/8" x 3/4"	Meter malfunction (stops or registers inaccurately)	Priority A	54	$100.00
						-	$0.00
						-	$0.00
						-	$0.00
						-	$0.00
						-	$0.00
						-	$0.00
						-	$0.00
						-	$0.00
						-	$0.00
						-	$0.00
						-	$0.00
						-	$0.00
						-	$0.00
						-	$0.00
						-	$0.00
						-	$0.00
						-	$0.00
						-	$0.00

METERS - REPLACED			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	TOTAL COST
Operating Unit	26-Tennessee	**J**	**Budget**	$725,000	Priority A	$725,000
Business Plan Year	2015		**Budget Reserve**	$0	Priority B	$0
Date Prepared	June 26, 2014		**Total Budget**	**$725,000**	Priority C	$0
Budget Level	District		**Overprogram**	$0	**Total**	**$725,000**
PROJECT INFORMATION						**PROJ. COST**
Profit Center	**Budget Budget Reserve Overprogram**	**Meter Type**	**Diameter (inches)**	**Justification**	**Priority**	**Estimated Cost (dollars)**
2602-TN-Chattanooga	Budget	Residential	5/8" x 3/4"	Required to comply with regulations	Priority A	$688,100
2602-TN-Chattanooga	Budget	Residential	5/8" x 3/4"	Meter malfunction (stops or registers inaccurately)	Priority A	$8,900
2602-TN-Chattanooga	Budget	Residential	2"	Required to comply with regulations	Priority A	$3,000
2605-TN-Sequatchie Valley	Budget	Residential	5/8" x 3/4"	Required to comply with regulations	Priority A	$19,600
2605-TN-Sequatchie Valley	Budget	Residential	5/8" x 3/4"	Meter malfunction (stops or registers inaccurately)	Priority A	$5,400
						$0
						$0
						$0
						$0
						$0
						$0
						$0
						$0
						$0
						$0
						$0
						$0
						$0
						$0
						$0
						$0
						$0
						$0

METERS - REPLACED			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	
Operating Unit	26-Tennessee	**J**	**Budget**	$725,000	Priority A	
Business Plan Year	2015		**Budget Reserve**	$0	Priority B	
Date Prepared	June 26, 2014		**Total Budget**	**$725,000**	Priority C	
Budget Level	District		**Overprogram**	$0	**Total**	

PROJECT INFORMATION						COMMENTS
Profit Center	**Budget Budget Reserve Overprogram**	**Meter Type**	**Diameter (inches)**	**Justification**	**Priority**	**As Needed (Optional)**
2602-TN-Chattanooga	Budget	Residential	5/8" x 3/4"	Required to comply with regulations	Priority A	
2602-TN-Chattanooga	Budget	Residential	5/8" x 3/4"	Meter malfunction (stops or registers inaccurately)	Priority A	
2602-TN-Chattanooga	Budget	Residential	2"	Required to comply with regulations	Priority A	
2605-TN-Sequatchie Valley	Budget	Residential	5/8" x 3/4"	Required to comply with regulations	Priority A	
2605-TN-Sequatchie Valley	Budget	Residential	5/8" x 3/4"	Meter malfunction (stops or registers inaccurately)	Priority A	

METERS - REPLACED			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	
Operating Unit	26-Tennessee	**J**	**Budget**	$725,000	Priority A	
Business Plan Year	2015		**Budget Reserve**	$0	Priority B	
Date Prepared	June 26, 2014		**Total Budget**	**$725,000**	Priority C	
Budget Level	District		**Overprogram**	$0	**Total**	
PROJECT INFORMATION						**SUBTOTAL BY DISTRICT**
Profit Center	**Budget Budget Reserve Overprogram**	**Meter Type**	**Diameter (inches)**	**Justification**	**Priority**	**District**
2602-TN-Chattanooga	Budget	Residential	5/8" x 3/4"	Required to comply with regulations	Priority A	2600-TN-Cap Growth Budget
2602-TN-Chattanooga	Budget	Residential	5/8" x 3/4"	Meter malfunction (stops or registers inaccurately)	Priority A	2601-TN-Corporate
2602-TN-Chattanooga	Budget	Residential	2"	Required to comply with regulations	Priority A	2602-TN-Chattanooga
2605-TN-Sequatchie Valley	Budget	Residential	5/8" x 3/4"	Required to comply with regulations	Priority A	2603-TN-Suck Creek
2605-TN-Sequatchie Valley	Budget	Residential	5/8" x 3/4"	Meter malfunction (stops or registers inaccurately)	Priority A	2604-TN-Lone Oak
						2605-TN-Sequatchie Valley
						0
						0
						0
						0
						0
						0
						0
						0
						0
						0
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						0

METERS - REPLACED			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY		
Operating Unit	26-Tennessee	**J**	**Budget**	$725,000	Priority A		
Business Plan Year	2015		**Budget Reserve**	$0	Priority B		
Date Prepared	June 26, 2014		**Total Budget**	**$725,000**	Priority C		
Budget Level	District		**Overprogram**	$0	**Total**		
PROJECT INFORMATION						**2015**	
Profit Center	**Budget Budget Reserve Overprogram**	**Meter Type**	**Diameter (inches)**	**Justification**	**Priority**	**Estimated Quantity (each)**	**Estimated Cost (dollars)**
2602-TN-Chattanooga	Budget	Residential	5/8" x 3/4"	Required to comply with regulations	Priority A	-	$0
2602-TN-Chattanooga	Budget	Residential	5/8" x 3/4"	Meter malfunction (stops or registers inaccurately)	Priority A	-	$0
2602-TN-Chattanooga	Budget	Residential	2"	Required to comply with regulations	Priority A	5,014	$700,000
2605-TN-Sequatchie Valley	Budget	Residential	5/8" x 3/4"	Required to comply with regulations	Priority A	-	$0
2605-TN-Sequatchie Valley	Budget	Residential	5/8" x 3/4"	Meter malfunction (stops or registers inaccurately)	Priority A	-	$0
						194	$25,000

ITS EQUIPMENT and SYSTEMS			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	2015 TOTAL QTY	AVG UNIT COST	TOTAL COST
Operating Unit	26-Tennessee	**K**	**Budget**	$220,797	Priority A	0	$0	$0
Business Plan Year	2015		**Budget Reserve**	$0	Priority B	108	$2,044	$220,797
Date Prepared	June 26, 2014		**Total Budget**	**$220,797**	Priority C	0	$0	$0
Budget Level	Project		**Overprogram**	$0	**Total**	**108**	**$2,044**	**$220,797**

PROJECT INFORMATION						UNITS	UNIT COST	PROJ. COST
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**		**Justification**	**Priority**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**
2602-TN-Chattanooga	Budget	Switches		Has reached the end of its expected life	Priority B	8	$9,900.00	$79,200.00
2602-TN-Chattanooga	Budget	Phones		Has reached the end of its expected life	Priority B	65	$528.00	$34,320.00
2602-TN-Chattanooga	Budget	Computers		Has reached the end of its expected life	Priority B	19	$2,577.83	$48,978.77
2602-TN-Chattanooga	Budget	Toughbooks/Tablets		Has reached the end of its expected life	Priority B	14	$3,747.70	$52,467.80
2602-TN-Chattanooga	Budget	Printers		Has reached the end of its expected life	Priority B	2	$2,915.00	$5,830.00
2602-TN-Chattanooga	Budget	Routers		Has reached the end of its expected life	Priority B	-	$0.00	$0.00
2602-TN-Chattanooga	Budget	Cisco WAAS		Has reached the end of its expected life	Priority B	-	$0.00	$0.00
2602-TN-Chattanooga	Budget	Firewalls		Has reached the end of its expected life	Priority B	-	$0.00	$0.00
2602-TN-Chattanooga	Budget	Infrastructure Upgrade		Proactive replacement based on age, condition or new technology	Priority C	-	$0.00	$0.00
2602-TN-Chattanooga	Budget	Projectors		Has reached the end of its expected life	Priority B	-	$0.00	$0.00
2602-TN-Chattanooga	Budget	Kronos		Has reached the end of its expected life	Priority B	-	$0.00	$0.00
2602-TN-Chattanooga	Budget	Video Conferencing		new technology	Priority C	-	$0.00	$0.00
2602-TN-Chattanooga	Budget	Wireless		Has reached the end of its expected life	Priority B	-	$0.00	$0.00
2602-TN-Chattanooga	Budget	Servers		Has reached the end of its expected life	Priority B	-	$0.00	$0.00
2602-TN-Chattanooga	Budget	UPS		Has reached the end of its expected life	Priority B	-	$0.00	$0.00
2602-TN-Chattanooga	Budget	Out-of-Band Devices		Has reached the end of its expected life	Priority B	-	$0.00	$0.00
						-	$0.00	$0.00
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0

ITS EQUIPMENT and SYSTEMS			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	
Operating Unit	26-Tennessee	**K**	**Budget**	$220,797	Priority A	
Business Plan Year	2015		**Budget Reserve**	$0	Priority B	
Date Prepared	June 26, 2014		**Total Budget**	**$220,797**	Priority C	
Budget Level	Project		**Overprogram**	$0	**Total**	

PROJECT INFORMATION						COMMENTS
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**		**Justification**	**Priority**	**As Needed (Optional)**
2602-TN-Chattanooga	Budget	Switches		Has reached the end of its expected life	Priority B	
2602-TN-Chattanooga	Budget	Phones		Has reached the end of its expected life	Priority B	
2602-TN-Chattanooga	Budget	Computers		Has reached the end of its expected life	Priority B	
2602-TN-Chattanooga	Budget	Toughbooks/Tablets		Has reached the end of its expected life	Priority B	
2602-TN-Chattanooga	Budget	Printers		Has reached the end of its expected life	Priority B	
2602-TN-Chattanooga	Budget	Routers		Has reached the end of its expected life	Priority B	
2602-TN-Chattanooga	Budget	Cisco WAAS		Has reached the end of its expected life	Priority B	
2602-TN-Chattanooga	Budget	Firewalls		Has reached the end of its expected life	Priority B	
2602-TN-Chattanooga	Budget	Infrastructure Upgrade		Proactive replacement based on age, condition or new technology	Priority C	
2602-TN-Chattanooga	Budget	Projectors		Has reached the end of its expected life	Priority B	
2602-TN-Chattanooga	Budget	Kronos		Has reached the end of its expected life	Priority B	
2602-TN-Chattanooga	Budget	Video Conferencing		new technology	Priority C	
2602-TN-Chattanooga	Budget	Wireless		Has reached the end of its expected life	Priority B	
2602-TN-Chattanooga	Budget	Servers		Has reached the end of its expected life	Priority B	
2602-TN-Chattanooga	Budget	UPS		Has reached the end of its expected life	Priority B	
2602-TN-Chattanooga	Budget	Out-of-Band Devices		Has reached the end of its expected life	Priority B	

ITS EQUIPMENT and SYSTEMS			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY			
Operating Unit	26-Tennessee	**K**	**Budget**	$220,797	Priority A			
Business Plan Year	2015		**Budget Reserve**	$0	Priority B			
Date Prepared	June 26, 2014		**Total Budget**	**$220,797**	Priority C			
Budget Level	Project		**Overprogram**	$0	**Total**			
PROJECT INFORMATION						**SUBTOTAL BY DISTRICT**	**2015**	
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**		**Justification**	**Priority**	**District**	**Estimated Quantity (each)**	**Estimated Cost (dollars)**
2602-TN-Chattanooga	Budget	Switches		Has reached the end of its expected life	Priority B	2600-TN-Cap Growth Budget	-	$0
2602-TN-Chattanooga	Budget	Phones		Has reached the end of its expected life	Priority B	2601-TN-Corporate	-	$0
2602-TN-Chattanooga	Budget	Computers		Has reached the end of its expected life	Priority B	2602-TN-Chattanooga	108	$220,797
2602-TN-Chattanooga	Budget	Toughbooks/Tablets		Has reached the end of its expected life	Priority B	2603-TN-Suck Creek	-	$0
2602-TN-Chattanooga	Budget	Printers		Has reached the end of its expected life	Priority B	2604-TN-Lone Oak	-	$0
2602-TN-Chattanooga	Budget	Routers		Has reached the end of its expected life	Priority B	2605-TN-Sequatchie Valley	-	$0
2602-TN-Chattanooga	Budget	Cisco WAAS		Has reached the end of its expected life	Priority B	0		
2602-TN-Chattanooga	Budget	Firewalls		Has reached the end of its expected life	Priority B	0		
2602-TN-Chattanooga	Budget	Infrastructure Upgrade		Proactive replacement based on age, condition or new technology	Priority C	0		
2602-TN-Chattanooga	Budget	Projectors		Has reached the end of its expected life	Priority B	0		
2602-TN-Chattanooga	Budget	Kronos		Has reached the end of its expected life	Priority B	0		
2602-TN-Chattanooga	Budget	Video Conferencing		new technology	Priority C	0		
2602-TN-Chattanooga	Budget	Wireless		Has reached the end of its expected life	Priority B	0		
2602-TN-Chattanooga	Budget	Servers		Has reached the end of its expected life	Priority B	0		
2602-TN-Chattanooga	Budget	UPS		Has reached the end of its expected life	Priority B	0		
2602-TN-Chattanooga	Budget	Out-of-Band Devices		Has reached the end of its expected life	Priority B	0		
						0		
						0		
						0		
						0		
						0		
						0		
						0		
						0		

SCADA EQUIPMENT and SYSTEMS			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	TOTAL QTY	2015 AVG UNIT COST
Operating Unit	26-Tennessee	**L**	**Budget**	$185,000	Priority A	9	$18,889
Business Plan Year	2015		**Budget Reserve**	$0	Priority B	0	$0
Date Prepared	June 26, 2014		**Total Budget**	**$185,000**	Priority C	15	$1,000
Budget Level	Project		**Overprogram**	$0	**Total**	**24**	**$7,708**
PROJECT INFORMATION						**UNITS**	**UNIT COST**
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**	**Justification**		**Priority**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**
2602-TN-Chattanooga	Budget	PLC Upgrade from Bristol to AB-Chemical Building(Hardware)	Equipment needed and currently not supported by the vendor		Priority A	1	$109,000.00
2602-TN-Chattanooga	Budget	PLC Upgrade from Bristol to AB-Chemical Building(Labor-Expenses)	Equipment needed and currently not supported by the vendor		Priority A	1	$40,000.00
2602-TN-Chattanooga	Budget	PLC Upgrade at remote sites (Phase 1)	Equipment needed and currently not supported by the vendor		Priority A	-	$1,000.00
2602-TN-Chattanooga	Budget	Repair of Failures	Physically fails/not repairable, or in imminent danger of failure		Priority A	6	$1,000.00
2602-TN-Chattanooga	Budget	Spare SCADA parts	Proactive replacement based on age, condition or new technology		Priority C	10	$1,000.00
2605-TN-Sequatchie Valley	Budget	Spare SCADA parts	Proactive replacement based on age, condition or new technology		Priority C	5	$1,000.00
2605-TN-Sequatchie Valley	Budget	PLC Deployment at Remote Sites	Physically fails/not repairable, or in imminent danger of failure		Priority A	1	$15,000.00
						-	$0.00
						-	$0.00
						-	$0.00
						-	$0.00
						-	$0.00
						-	$0.00
						-	$0.00
						-	$0.00
						-	$0.00
						-	$0.00
						-	$0.00
						-	$0.00
						-	$0.00
						-	$0.00
						-	$0.00
						-	$0.00

SCADA EQUIPMENT and SYSTEMS			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	TOTAL COST
Operating Unit	26-Tennessee	**L**	**Budget**	$185,000	Priority A	$170,000
Business Plan Year	2015		**Budget Reserve**	$0	Priority B	$0
Date Prepared	June 26, 2014		**Total Budget**	**$185,000**	Priority C	$15,000
Budget Level	Project		**Overprogram**	$0	**Total**	**$185,000**
PROJECT INFORMATION						**PROJ. COST**
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**	**Justification**		**Priority**	**Estimated Cost (dollars)**
2602-TN-Chattanooga	Budget	PLC Upgrade from Bristol to AB-Chemical Building(Hardware)	Equipment needed and currently not supported by the vendor		Priority A	$109,000
2602-TN-Chattanooga	Budget	PLC Upgrade from Bristol to AB-Chemical Building(Labor-Expenses)	Equipment needed and currently not supported by the vendor		Priority A	$40,000
2602-TN-Chattanooga	Budget	PLC Upgrade at remote sites (Phase 1)	Equipment needed and currently not supported by the vendor		Priority A	$0
2602-TN-Chattanooga	Budget	Repair of Failures	Physically fails/not repairable, or in imminent danger of failure		Priority A	$6,000
2602-TN-Chattanooga	Budget	Spare SCADA parts	Proactive replacement based on age, condition or new technology		Priority C	$10,000
2605-TN-Sequatchie Valley	Budget	Spare SCADA parts	Proactive replacement based on age, condition or new technology		Priority C	$5,000
2605-TN-Sequatchie Valley	Budget	PLC Deployment at Remote Sites	Physically fails/not repairable, or in imminent danger of failure		Priority A	$15,000
						$0
						$0
						$0
						$0
						$0
						$0
						$0
						$0
						$0
						$0
						$0
						$0
						$0
						$0
						$0
						$0

SCADA EQUIPMENT and SYSTEMS			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	
Operating Unit	26-Tennessee	**L**	**Budget**	$185,000	Priority A	
Business Plan Year	2015		**Budget Reserve**	$0	Priority B	
Date Prepared	June 26, 2014		**Total Budget**	**$185,000**	Priority C	
Budget Level	Project		**Overprogram**	$0	**Total**	
PROJECT INFORMATION						**COMMENTS**
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**		**Justification**	**Priority**	**As Needed (Optional)**
2602-TN-Chattanooga	Budget	PLC Upgrade from Bristol to AB-Chemical Building(Hardware)		Equipment needed and currently not supported by the vendor	Priority A	
2602-TN-Chattanooga	Budget	PLC Upgrade from Bristol to AB-Chemical Building(Labor-Expenses)		Equipment needed and currently not supported by the vendor	Priority A	
2602-TN-Chattanooga	Budget	PLC Upgrade at remote sites (Phase 1)		Equipment needed and currently not supported by the vendor	Priority A	
2602-TN-Chattanooga	Budget	Repair of Failures		Physically fails/not repairable, or in imminent danger of failure	Priority A	
2602-TN-Chattanooga	Budget	Spare SCADA parts		Proactive replacement based on age, condition or new technology	Priority C	
2605-TN-Sequatchie Valley	Budget	Spare SCADA parts		Proactive replacement based on age, condition or new technology	Priority C	
2605-TN-Sequatchie Valley	Budget	PLC Deployment at Remote Sites		Physically fails/not repairable, or in imminent danger of failure	Priority A	

SCADA EQUIPMENT and SYSTEMS			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	
Operating Unit	26-Tennessee	L	**Budget**	$185,000	Priority A	
Business Plan Year	2015		**Budget Reserve**	$0	Priority B	
Date Prepared	June 26, 2014		**Total Budget**	**$185,000**	Priority C	
Budget Level	Project		**Overprogram**	$0	**Total**	
PROJECT INFORMATION						**SUBTOTAL BY DISTRICT**
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**		**Justification**	**Priority**	**District**
2602-TN-Chattanooga	Budget	PLC Upgrade from Bristol to AB-Chemical Building(Hardware)		Equipment needed and currently not supported by the vendor	Priority A	2600-TN-Cap Growth Budget
2602-TN-Chattanooga	Budget	PLC Upgrade from Bristol to AB-Chemical Building(Labor-Expenses)		Equipment needed and currently not supported by the vendor	Priority A	2601-TN-Corporate
2602-TN-Chattanooga	Budget	PLC Upgrade at remote sites (Phase 1)		Equipment needed and currently not supported by the vendor	Priority A	2602-TN-Chattanooga
2602-TN-Chattanooga	Budget	Repair of Failures		Physically fails/not repairable, or in imminent danger of failure	Priority A	2603-TN-Suck Creek
2602-TN-Chattanooga	Budget	Spare SCADA parts		Proactive replacement based on age, condition or new technology	Priority C	2604-TN-Lone Oak
2605-TN-Sequatchie Valley	Budget	Spare SCADA parts		Proactive replacement based on age, condition or new technology	Priority C	2605-TN-Sequatchie Valley
2605-TN-Sequatchie Valley	Budget	PLC Deployment at Remote Sites		Physically fails/not repairable, or in imminent danger of failure	Priority A	0
						0
						0
						0
						0
						0
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SCADA EQUIPMENT and SYSTEMS			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY		
Operating Unit	26-Tennessee	**L**	**Budget**	$185,000	Priority A		
Business Plan Year	2015		**Budget Reserve**	$0	Priority B		
Date Prepared	June 26, 2014		**Total Budget**	**$185,000**	Priority C		
Budget Level	Project		**Overprogram**	$0	**Total**		
PROJECT INFORMATION						**2015**	
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**	**Justification**		**Priority**	**Estimated Quantity (each)**	**Estimated Cost (dollars)**
2602-TN-Chattanooga	Budget	PLC Upgrade from Bristol to AB-Chemical Building(Hardware)	Equipment needed and currently not supported by the vendor		Priority A	-	$0
2602-TN-Chattanooga	Budget	PLC Upgrade from Bristol to AB-Chemical Building(Labor-Expenses)	Equipment needed and currently not supported by the vendor		Priority A	-	$0
2602-TN-Chattanooga	Budget	PLC Upgrade at remote sites (Phase 1)	Equipment needed and currently not supported by the vendor		Priority A	18	$165,000
2602-TN-Chattanooga	Budget	Repair of Failures	Physically fails/not repairable, or in imminent danger of failure		Priority A	-	$0
2602-TN-Chattanooga	Budget	Spare SCADA parts	Proactive replacement based on age, condition or new technology		Priority C	-	$0
2605-TN-Sequatchie Valley	Budget	Spare SCADA parts	Proactive replacement based on age, condition or new technology		Priority C	6	$20,000
2605-TN-Sequatchie Valley	Budget	PLC Deployment at Remote Sites	Physically fails/not repairable, or in imminent danger of failure		Priority A		

SECURITY EQUIPMENT and SYSTEMS			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	2015 TOTAL QTY	AVG UNIT COST	TOTAL COST
Operating Unit	26-Tennessee	**M**	**Budget**	$110,000	Priority A	5	$38,000	$190,000
Business Plan Year	2015		**Budget Reserve**	$80,000	Priority B	0	$0	$0
Date Prepared	June 26, 2014		**Total Budget**	**$190,000**	Priority C	0	$0	$0
Budget Level	Project		**Overprogram**	$0	**Total**	**5**	**$38,000**	**$190,000**
PROJECT INFORMATION						**UNITS**	**UNIT COST**	**PROJ. COST**
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**		**Justification**	**Priority**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**
2602-TN-Chattanooga	Budget Reserve	1490 Security System Install - Video, Access, And Intrusion		Minimum level of health and safety risk reduction not in place	Priority A	1	$80,000	$80,000
2602-TN-Chattanooga	Budget	1500 Security System Install - Video, Access, And Intrusion		Minimum level of health and safety risk reduction not in place	Priority A	1	$40,000	$40,000
2602-TN-Chattanooga	Budget	Whitewell Gate replacement		Physically fails and not repairable, or in imminent danger of failure	Priority A	1	$20,000	$20,000
2603-TN-Suck Creek	Budget	Security Replacements		Physically fails and not repairable, or in imminent danger of failure	Priority A	1	$30,000	$30,000
2602-TN-Chattanooga	Budget	Cyber locks access control at plant		Minimum level of health and safety risk reduction not in place	Priority A	1	$20,000	$20,000
2603-TN-Suck Creek	Budget	Suck Creek video - change to remote solution and add two cameras		Equipment needed and currently not supported by the vendor	Priority A	-	$0.00	$0
2602-TN-Chattanooga	Budget	Citico gate and fence replacement		Equipment needed and currently not supported by the vendor	Priority A	-	$0.00	$0
2603-TN-Suck Creek	Budget	Cyberlock deployment		Has reached the end of its expected life	Priority B	-	$0.00	$0
2602-TN-Chattanooga	Budget	replace VSOM servers that have reached end of life		Has reached the end of its expected life	Priority B	-	$0.00	$0
2601-TN-Corporate	Budget	2017		place	Priority A	-	$0.00	$0
2601-TN-Corporate	Budget	2018		Minimum level of health and safety risk reduction not in place	Priority A	-	$0.00	$0
2601-TN-Corporate	Budget	2019		Minimum level of health and safety risk reduction not in place	Priority A	-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0

SECURITY EQUIPMENT and SYSTEMS			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	
Operating Unit	26-Tennessee	**M**	**Budget**	$110,000	Priority A	
Business Plan Year	2015		**Budget Reserve**	$80,000	Priority B	
Date Prepared	June 26, 2014		**Total Budget**	**$190,000**	Priority C	
Budget Level	Project		**Overprogram**	$0	**Total**	
PROJECT INFORMATION						**COMMENTS**
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**		**Justification**	**Priority**	**As Needed (Optional)**
2602-TN-Chattanooga	Budget Reserve	1490 Security System Install - Video, Access, And Intrusion		Minimum level of health and safety risk reduction not in place	Priority A	
2602-TN-Chattanooga	Budget	1500 Security System Install - Video, Access, And Intrusion		Minimum level of health and safety risk reduction not in place	Priority A	
2602-TN-Chattanooga	Budget	Whitewell Gate replacement		Physically fails and not repairable, or in imminent danger of failure	Priority A	
2603-TN-Suck Creek	Budget	Security Replacements		Physically fails and not repairable, or in imminent danger of failure	Priority A	
2602-TN-Chattanooga	Budget	Cyber locks access control at plant		Minimum level of health and safety risk reduction not in place	Priority A	
2603-TN-Suck Creek	Budget	Suck Creek video - change to remote solution and add two cameras		Equipment needed and currently not supported by the vendor	Priority A	
2602-TN-Chattanooga	Budget	Citico gate and fence replacement		Equipment needed and currently not supported by the vendor	Priority A	
2603-TN-Suck Creek	Budget	Cyberlock deployment		Has reached the end of its expected life	Priority B	
2602-TN-Chattanooga	Budget	replace VSOM servers that have reached end of life		Has reached the end of its expected life	Priority B	
2601-TN-Corporate	Budget	2017		place	Priority A	
2601-TN-Corporate	Budget	2018		Minimum level of health and safety risk reduction not in place	Priority A	
2601-TN-Corporate	Budget	2019		Minimum level of health and safety risk reduction not in place	Priority A	

SECURITY EQUIPMENT and SYSTEMS			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY			
Operating Unit	26-Tennessee	**M**	**Budget**	$110,000	Priority A			
Business Plan Year	2015		**Budget Reserve**	$80,000	Priority B			
Date Prepared	June 26, 2014		**Total Budget**	**$190,000**	Priority C			
Budget Level	Project		**Overprogram**	$0	**Total**			
PROJECT INFORMATION						**SUBTOTAL BY DISTRICT**	**2015**	
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**		**Justification**	**Priority**	**District**	**Estimated Quantity (each)**	**Estimated Cost (dollars)**
2602-TN-Chattanooga	Budget Reserve	1490 Security System Install - Video, Access, And Intrusion		Minimum level of health and safety risk reduction not in place	Priority A	2600-TN-Cap Growth Budget	-	$0
2602-TN-Chattanooga	Budget	1500 Security System Install - Video, Access, And Intrusion		Minimum level of health and safety risk reduction not in place	Priority A	2601-TN-Corporate	-	$0
2602-TN-Chattanooga	Budget	Whitewell Gate replacement		Physically fails and not repairable, or in imminent danger of failure	Priority A	2602-TN-Chattanooga	4	$160,000
2603-TN-Suck Creek	Budget	Security Replacements		Physically fails and not repairable, or in imminent danger of failure	Priority A	2603-TN-Suck Creek	1	$30,000
2602-TN-Chattanooga	Budget	Cyber locks access control at plant		Minimum level of health and safety risk reduction not in place	Priority A	2604-TN-Lone Oak	-	$0
2603-TN-Suck Creek	Budget	Suck Creek video - change to remote solution and add two cameras		Equipment needed and currently not supported by the vendor	Priority A	2605-TN-Sequatchie Valley	-	$0
2602-TN-Chattanooga	Budget	Citico gate and fence replacement		Equipment needed and currently not supported by the vendor	Priority A	0		
2603-TN-Suck Creek	Budget	Cyberlock deployment		Has reached the end of its expected life	Priority B	0		
2602-TN-Chattanooga	Budget	replace VSOM servers that have reached end of life		Has reached the end of its expected life	Priority B	0		
2601-TN-Corporate	Budget	2017		place	Priority A	0		
2601-TN-Corporate	Budget	2018		Minimum level of health and safety risk reduction not in place	Priority A	0		
2601-TN-Corporate	Budget	2019		Minimum level of health and safety risk reduction not in place	Priority A	0		
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OFFICES and OPERATIONS CENTERS			CURRENT BUSINESS PLAN YEAR - 2015			2015		
					PRIORITY	TOTAL QTY	AVG UNIT COST	TOTAL COST
Operating Unit	26-Tennessee	N	**Budget**	$25,000	Priority A	0	$0	$0
Business Plan Year	2015		**Budget Reserve**	$0	Priority B	1	$25,000	$25,000
Date Prepared	June 26, 2014		**Total Budget**	**$25,000**	Priority C	0	$0	$0
Budget Level	Project		**Overprogram**	$0	**Total**	**1**	**$25,000**	**$25,000**

PROJECT INFORMATION					UNITS	UNIT COST	PROJ. COST
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**	**Justification**	**Priority**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**
2602-TN-Chattanooga	Budget	Distribution Roof Repair	Has reached the end of its expected life	Priority B	1	$25,000.00	$25,000
2602-TN-Chattanooga	Budget	Meter Building Locker Room	Has reached the end of its expected life	Priority B		$0.00	$0
					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0
					-	$0.00	$0

OFFICES and OPERATIONS CENTERS			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	
Operating Unit	26-Tennessee	**N**	**Budget**	$25,000	Priority A	
Business Plan Year	2015		**Budget Reserve**	$0	Priority B	
Date Prepared	June 26, 2014		**Total Budget**	**$25,000**	Priority C	
Budget Level	Project		**Overprogram**	$0	**Total**	

PROJECT INFORMATION					COMMENTS
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**	**Justification**	**Priority**	**As Needed (Optional)**
2602-TN-Chattanooga	Budget	Distribution Roof Repair	Has reached the end of its expected life	Priority B	
2602-TN-Chattanooga	Budget	Meter Building Locker Room	Has reached the end of its expected life	Priority B	

OFFICES and OPERATIONS CENTERS			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY			
Operating Unit	26-Tennessee	**N**	**Budget**	$25,000	Priority A			
Business Plan Year	2015		**Budget Reserve**	$0	Priority B			
Date Prepared	June 26, 2014		**Total Budget**	**$25,000**	Priority C			
Budget Level	Project		**Overprogram**	$0	**Total**			
PROJECT INFORMATION						**SUBTOTAL BY DISTRICT**	**2015**	
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**	**Justification**		**Priority**	**District**	**Estimated Quantity (each)**	**Estimated Cost (dollars)**
2602-TN-Chattanooga	Budget	Distribution Roof Repair	Has reached the end of its expected life		Priority B	2600-TN-Cap Growth Budget	-	$0
2602-TN-Chattanooga	Budget	Meter Building Locker Room	Has reached the end of its expected life		Priority B	2601-TN-Corporate	-	$0
						2602-TN-Chattanooga	1	$25,000
						2603-TN-Suck Creek	-	$0
						2604-TN-Lone Oak	-	$0
						2605-TN-Sequatchie Valley	-	$0
						0		
						0		
						0		
						0		
						0		
						0		
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						0		

VEHICLES			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	TOTAL QTY	2015 AVG UNIT COST
Operating Unit	26-Tennessee	**O**	**Budget**	$400,000	Priority A	1	$30,000
Business Plan Year	2015		**Budget Reserve**	$0	Priority B	0	$0
Date Prepared	June 26, 2014		**Total Budget**	**$400,000**	Priority C	6	$61,667
Budget Level	Project		**Overprogram**	$0	**Total**	**7**	**$57,143**

PROJECT INFORMATION						UNITS	UNIT COST
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**	**Vehicle Type (Class)**	**Justification**	**Priority**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**
2602-TN-Chattanooga	Budget	Light truck replacements	Pickup	Proactive replacement based on age, condition or new technology	Priority C	2	$36,500.00
2602-TN-Chattanooga	Budget	Medium truck replacements	Medium Truck	Proactive replacement based on age, condition or new technology	Priority C	1	$122,000.00
2602-TN-Chattanooga	Budget	Dump truck replacements	Medium Truck	Proactive replacement based on age, condition or new technology	Priority C		$95,000.00
2602-TN-Chattanooga	Budget	Hydrant flushing truck replacement	Medium Truck	Proactive replacement based on age, condition or new technology	Priority C	1	$75,000.00
2602-TN-Chattanooga	Budget	Light truck replacements	Pickup	Physically fails and not repairable, or in imminent danger of failure	Priority A	1	$30,000.00
2602-TN-Chattanooga	Budget	Heavy duty truck replacement	Heavy Truck	Proactive replacement based on age, condition or new technology	Priority C	-	$140,000.00
2602-TN-Chattanooga	Budget	Convert Vehicles to LP	Medium Truck	Provides environmental benefits	Priority C	2	$50,000.00
						-	$0.00
						-	$0.00
						-	$0.00
						-	$0.00
						-	$0.00
						-	$0.00
						-	$0.00
						-	$0.00
						-	$0.00
						-	$0.00
						-	$0.00
						-	$0.00
						-	$0.00
						-	$0.00
						-	$0.00
						-	$0.00

VEHICLES			CURRENT BUSINESS PLAN YEAR - 2015		TOTAL COST	
Operating Unit	26-Tennessee	**O**	**Budget**	$400,000	$30,000	
Business Plan Year	2015		**Budget Reserve**	$0	$0	
Date Prepared	June 26, 2014		**Total Budget**	**$400,000**	$370,000	
Budget Level	Project		**Overprogram**	$0	**$400,000**	

PROJECT INFORMATION					PROJ. COST	COMMENTS
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**	**Vehicle Type (Class)**	**Justification**	**Estimated Cost (dollars)**	**As Needed (Optional)**
2602-TN-Chattanooga	Budget	Light truck replacements	Pickup	Proactive replacement based on age, condition or new technology	$73,000	
2602-TN-Chattanooga	Budget	Medium truck replacements	Medium Truck	Proactive replacement based on age, condition or new technology	$122,000	
2602-TN-Chattanooga	Budget	Dump truck replacements	Medium Truck	Proactive replacement based on age, condition or new technology	$0	
2602-TN-Chattanooga	Budget	Hydrant flushing truck replacement	Medium Truck	Proactive replacement based on age, condition or new technology	$75,000	
2602-TN-Chattanooga	Budget	Light truck replacements	Pickup	Physically fails and not repairable, or in imminent danger of failure	$30,000	
2602-TN-Chattanooga	Budget	Heavy duty truck replacement	Heavy Truck	Proactive replacement based on age, condition or new technology	$0	
2602-TN-Chattanooga	Budget	Convert Vehicles to LP	Medium Truck	Provides environmental benefits	$100,000	
					$0	
					$0	
					$0	
					$0	
					$0	
					$0	
					$0	
					$0	
					$0	
					$0	
					$0	
					$0	
					$0	
					$0	
					$0	
					$0	
					$0	

VEHICLES			CURRENT BUSINESS PLAN YEAR - 2015				
Operating Unit	26-Tennessee	**O**	**Budget**	$400,000			
Business Plan Year	2015		**Budget Reserve**	$0			
Date Prepared	June 26, 2014		**Total Budget**	**$400,000**			
Budget Level	Project		**Overprogram**	$0			

PROJECT INFORMATION					SUBTOTAL BY DISTRICT	2015	
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**	**Vehicle Type (Class)**	**Justification**	**District**	**Estimated Quantity (each)**	**Estimated Cost (dollars)**
2602-TN-Chattanooga	Budget	Light truck replacements	Pickup	Proactive replacement based on age, condition or new technology	2600-TN-Cap Growth Budget	-	$0
2602-TN-Chattanooga	Budget	Medium truck replacements	Medium Truck	Proactive replacement based on age, condition or new technology	2601-TN-Corporate	-	$0
2602-TN-Chattanooga	Budget	Dump truck replacements	Medium Truck	Proactive replacement based on age, condition or new technology	2602-TN-Chattanooga	7	$400,000
2602-TN-Chattanooga	Budget	Hydrant flushing truck replacement	Medium Truck	Proactive replacement based on age, condition or new technology	2603-TN-Suck Creek	-	$0
2602-TN-Chattanooga	Budget	Light truck replacements	Pickup	Physically fails and not repairable, or in imminent danger of failure	2604-TN-Lone Oak	-	$0
2602-TN-Chattanooga	Budget	Heavy duty truck replacement	Heavy Truck	Proactive replacement based on age, condition or new technology	2605-TN-Sequatchie Valley	-	$0
2602-TN-Chattanooga	Budget	Convert Vehicles to LP	Medium Truck	Provides environmental benefits	0		
					0		
					0		
					0		
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TOOLS and EQUIPMENT			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	2015 TOTAL QTY	2015 AVG UNIT COST	2015 TOTAL COST
Operating Unit	26-Tennessee	**P**	**Budget**	$40,000	Priority A	6	$5,500	$33,000
Business Plan Year	2015		**Budget Reserve**	$0	Priority B	6	$1,167	$7,000
Date Prepared	June 26, 2014		**Total Budget**	**$40,000**	Priority C	0	$0	$0
Budget Level	Project		**Overprogram**	$0	**Total**	**12**	**$3,333**	**$40,000**
PROJECT INFORMATION						**UNITS**	**UNIT COST**	**PROJ. COST**
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**		**Justification**	**Priority**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**
2602-TN-Chattanooga	Budget	Guillotine Saw and extra belt roller		Addresses imminent health and/or safety issues	Priority A	1	$10,000.00	$10,000
2602-TN-Chattanooga	Budget	DI chain saws		Addresses imminent health and/or safety issues	Priority A	1	$5,500.00	$5,500
2602-TN-Chattanooga	Budget	Trash Pump Replacement		Has reached the end of its expected life	Priority B	4	$1,500.00	$6,000
2602-TN-Chattanooga	Budget	Replace trailers		Physically fails and not repairable, or in imminent danger of failure	Priority A	1	$10,000.00	$10,000
2602-TN-Chattanooga	Budget	Failure items not yet identified		Physically fails and not repairable, or in imminent danger of failure	Priority A	1	$500.00	$500
2602-TN-Chattanooga	Budget	Replace trailers		Physically fails and not repairable, or in imminent danger of failure	Priority A	-	$0.00	$0
2602-TN-Chattanooga	Budget	Maiwaukee Saws All Battery		Proactive replacement based on age, condition or new technology	Priority C	-	$0.00	$0
2602-TN-Chattanooga	Budget	Failure items not yet identified		Physically fails and not repairable, or in imminent danger of failure	Priority A	-	$0.00	$0
2602-TN-Chattanooga	Budget					-	$0.00	$0
2605-TN-Sequatchie Valley	Budget	DI chain saws		Addresses imminent health and/or safety issues	Priority A	1	$5,500.00	$5,500
2605-TN-Sequatchie Valley	Budget	Trash Pump		Addresses imminent health and/or safety issues	Priority A	1	$1,500.00	$1,500
2605-TN-Sequatchie Valley	Budget	Milwaukee Saws and Batteries		Has reached the end of its expected life	Priority B	2	$500.00	$1,000
2605-TN-Sequatchie Valley	Budget	Trailer		Proactive replacement based on age, condition or new technology	Priority C	-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0

TOOLS and EQUIPMENT			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	
Operating Unit	26-Tennessee	**P**	**Budget**	$40,000	Priority A	
Business Plan Year	2015		**Budget Reserve**	$0	Priority B	
Date Prepared	June 26, 2014		**Total Budget**	**$40,000**	Priority C	
Budget Level	Project		**Overprogram**	$0	**Total**	

PROJECT INFORMATION					COMMENTS
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**	**Justification**	**Priority**	**As Needed (Optional)**
2602-TN-Chattanooga	Budget	Guillotine Saw and extra belt roller	Addresses imminent health and/or safety issues	Priority A	
2602-TN-Chattanooga	Budget	DI chain saws	Addresses imminent health and/or safety issues	Priority A	
2602-TN-Chattanooga	Budget	Trash Pump Replacement	Has reached the end of its expected life	Priority B	
2602-TN-Chattanooga	Budget	Replace trailers	Physically fails and not repairable, or in imminent danger of failure	Priority A	
2602-TN-Chattanooga	Budget	Failure items not yet identified	Physically fails and not repairable, or in imminent danger of failure	Priority A	
2602-TN-Chattanooga	Budget	Replace trailers	Physically fails and not repairable, or in imminent danger of failure	Priority A	
2602-TN-Chattanooga	Budget	Maiwaukee Saws All Battery	Proactive replacement based on age, condition or new technology	Priority C	
2602-TN-Chattanooga	Budget	Failure items not yet identified	Physically fails and not repairable, or in imminent danger of failure	Priority A	
2602-TN-Chattanooga	Budget				
2605-TN-Sequatchie Valley	Budget	DI chain saws	Addresses imminent health and/or safety issues	Priority A	
2605-TN-Sequatchie Valley	Budget	Trash Pump	Addresses imminent health and/or safety issues	Priority A	
2605-TN-Sequatchie Valley	Budget	Milwaukee Saws and Batteries	Has reached the end of its expected life	Priority B	
2605-TN-Sequatchie Valley	Budget	Trailer	Proactive replacement based on age, condition or new technology	Priority C	

TOOLS and EQUIPMENT			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY			
Operating Unit	26-Tennessee	**P**	**Budget**	$40,000	Priority A			
Business Plan Year	2015		**Budget Reserve**	$0	Priority B			
Date Prepared	June 26, 2014		**Total Budget**	**$40,000**	Priority C			
Budget Level	Project		**Overprogram**	$0	**Total**			
PROJECT INFORMATION						**SUBTOTAL BY DISTRICT**	**2015**	
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**		**Justification**	**Priority**	**District**	**Estimated Quantity (each)**	**Estimated Cost (dollars)**
2602-TN-Chattanooga	Budget	Guillotine Saw and extra belt roller		Addresses imminent health and/or safety issues	Priority A	2600-TN-Cap Growth Budget	-	$0
2602-TN-Chattanooga	Budget	DI chain saws		Addresses imminent health and/or safety issues	Priority A	2601-TN-Corporate	-	$0
2602-TN-Chattanooga	Budget	Trash Pump Replacement		Has reached the end of its expected life	Priority B	2602-TN-Chattanooga	8	$32,000
2602-TN-Chattanooga	Budget	Replace trailers		Physically fails and not repairable, or in imminent danger of failure	Priority A	2603-TN-Suck Creek	-	$0
2602-TN-Chattanooga	Budget	Failure items not yet identified		Physically fails and not repairable, or in imminent danger of failure	Priority A	2604-TN-Lone Oak	-	$0
2602-TN-Chattanooga	Budget	Replace trailers		Physically fails and not repairable, or in imminent danger of failure	Priority A	2605-TN-Sequatchie Valley	4	$8,000
2602-TN-Chattanooga	Budget	Maiwaukee Saws All Battery		Proactive replacement based on age, condition or new technology	Priority C	0		
2602-TN-Chattanooga	Budget	Failure items not yet identified		Physically fails and not repairable, or in imminent danger of failure	Priority A	0		
2602-TN-Chattanooga	Budget					0		
2605-TN-Sequatchie Valley	Budget	DI chain saws		Addresses imminent health and/or safety issues	Priority A	0		
2605-TN-Sequatchie Valley	Budget	Trash Pump		Addresses imminent health and/or safety issues	Priority A	0		
2605-TN-Sequatchie Valley	Budget	Milwaukee Saws and Batteries		Has reached the end of its expected life	Priority B	0		
2605-TN-Sequatchie Valley	Budget	Trailer		Proactive replacement based on age, condition or new technology	Priority C	0		
						0		
						0		
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						0		
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						0		

PROCESS PLANT FACILITIES and EQUIPMENT		Q	CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	2015 TOTAL QTY	AVG UNIT COST	TOTAL COST
Operating Unit	26-Tennessee		**Budget**	$2,631,203	Priority A	16	$141,806	$2,268,903
Business Plan Year	2015		**Budget Reserve**	$0	Priority B	4	$90,575	$362,300
Date Prepared	June 26, 2014		**Total Budget**	**$2,631,203**	Priority C	0	$0	$0
Budget Level	Project		**Overprogram**	$0	**Total**	**20**	**$131,560**	**$2,631,203**
			PROJECT INFORMATION			**UNITS**	**UNIT COST**	**PROJ. COST**
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**		**Justification**	**Priority**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**
2602-TN-Chattanooga	Budget	Replace Cone Valves on HS Discharge		Physically fails, not repairable, or in imminent danger of failure	Priority A	6	$50,000.00	$300,000
2602-TN-Chattanooga	Budget	Change Out High Service 17 Motor		Provides increased reliability or operating flexibility of critical assets	Priority B	1	$66,150.00	$66,150
2602-TN-Chattanooga	Budget	Change Out High Service 18 Motor		Provides increased reliability or operating flexibility of critical assets	Priority B	1	$66,150.00	$66,150
2602-TN-Chattanooga	Budget	Replace Underdrains -6 Units		Physically fails, not repairable, or in imminent danger of failure	Priority A	6	$220,000.00	$1,320,000
2602-TN-Chattanooga	Budget	Elder Mountain Tank Aeration an Cumberland Pump Station		Required to comply with regulations	Priority A	1	$240,000.00	$240,000
2602-TN-Chattanooga	Budget	No. 2 Plant Chemical Vault		Physically fails, not repairable, or in imminent danger of failure	Priority A	1	$240,000.00	$240,000
2602-TN-Chattanooga	Budget	No. 1 Plant Post Chemical Vault		Provides increased reliability or operating flexibility of critical assets	Priority B	1	$140,000.00	$140,000
2602-TN-Chattanooga	Budget	New Caustic Tank		Physically fails, not repairable, or in imminent danger of failure	Priority A	1	$68,903.00	$68,903
2605-TN-Sequatchie Valley	Budget	Stabilize Raw Water and Finish Water Piping on Bank		Physically fails, not repairable, or in imminent danger of failure	Priority A	1	$100,000.00	$100,000
2605-TN-Sequatchie Valley	Budget	Replace/ Rebuild Intake Pump		Provides increased reliability or operating flexibility of critical assets	Priority B	1	$90,000.00	$90,000
2602-TN-Chattanooga	Budget	Change Out High Service 19 Motor		Provides increased reliability or operating flexibility of critical assets	Priority B	-	$0.00	$0
2602-TN-Chattanooga	Budget	Hill City Pump Review and Redundancy		Provides increased reliability or operating flexibility of critical assets	Priority B	-	$0.00	$0
2602-TN-Chattanooga	Budget	Replace Underdrains - 6 Units		Physically fails, not repairable, or in imminent danger of failure	Priority A	-	$0.00	$0
2602-TN-Chattanooga	Budget	Stabilization of Citico Pump Station Pit		Proactive replacement based on age, condition, or new technology	Priority C	-	$0.00	$0
2602-TN-Chattanooga	Budget	Bypass line inside pump room to assist with power failure		Has reached the end of its expected life	Priority B	-	$0.00	$0
2605-TN-Sequatchie Valley	Budget	Pump Station Repair		Proactive replacement based on age, condition, or new technology	Priority C	-	$0.00	$0
2605-TN-Sequatchie Valley	Budget	Plant Effluent Meter Installation		Provides increased reliability or operating flexibility of critical assets	Priority B	-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0

PROCESS PLANT FACILITIES and EQUIPMENT			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	
Operating Unit	26-Tennessee	Q	**Budget**	$2,631,203	Priority A	
Business Plan Year	2015		**Budget Reserve**	$0	Priority B	
Date Prepared	June 26, 2014		**Total Budget**	**$2,631,203**	Priority C	
Budget Level	Project		**Overprogram**	$0	**Total**	
PROJECT INFORMATION						**COMMENTS**
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**		**Justification**	**Priority**	**As Needed (Optional)**
2602-TN-Chattanooga	Budget	Replace Cone Valves on HS Discharge		Physically fails, not repairable, or in imminent danger of failure	Priority A	
2602-TN-Chattanooga	Budget	Change Out High Service 17 Motor		Provides increased reliability or operating flexibility of critical assets	Priority B	
2602-TN-Chattanooga	Budget	Change Out High Service 18 Motor		Provides increased reliability or operating flexibility of critical assets	Priority B	
2602-TN-Chattanooga	Budget	Replace Underdrains -6 Units		Physically fails, not repairable, or in imminent danger of failure	Priority A	
2602-TN-Chattanooga	Budget	Elder Mountain Tank Aeration an Cumberland Pump Station		Required to comply with regulations	Priority A	
2602-TN-Chattanooga	Budget	No. 2 Plant Chemical Vault		Physically fails, not repairable, or in imminent danger of failure	Priority A	
2602-TN-Chattanooga	Budget	No. 1 Plant Post Chemical Vault		Provides increased reliability or operating flexibility of critical assets	Priority B	
2602-TN-Chattanooga	Budget	New Caustic Tank		Physically fails, not repairable, or in imminent danger of failure	Priority A	
2605-TN-Sequatchie Valley	Budget	Stabilize Raw Water and Finish Water Piping on Bank		Physically fails, not repairable, or in imminent danger of failure	Priority A	
2605-TN-Sequatchie Valley	Budget	Replace/ Rebuild Intake Pump		Provides increased reliability or operating flexibility of critical assets	Priority B	
2602-TN-Chattanooga	Budget	Change Out High Service 19 Motor		Provides increased reliability or operating flexibility of critical assets	Priority B	
2602-TN-Chattanooga	Budget	Hill City Pump Review and Redundancy		Provides increased reliability or operating flexibility of critical assets	Priority B	
2602-TN-Chattanooga	Budget	Replace Underdrains - 6 Units		Physically fails, not repairable, or in imminent danger of failure	Priority A	
2602-TN-Chattanooga	Budget	Stabilization of Citico Pump Station Pit		Proactive replacement based on age, condition, or new technology	Priority C	
2602-TN-Chattanooga	Budget	Bypass line inside pump room to assist with power failure		Has reached the end of its expected life	Priority B	
2605-TN-Sequatchie Valley	Budget	Pump Station Repair		Proactive replacement based on age, condition, or new technology	Priority C	
2605-TN-Sequatchie Valley	Budget	Plant Effluent Meter Installation		Provides increased reliability or operating flexibility of critical assets	Priority B	

PROCESS PLANT FACILITIES and EQUIPMENT			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY			
Operating Unit	26-Tennessee	Q	**Budget**	$2,631,203	Priority A			
Business Plan Year	2015		**Budget Reserve**	$0	Priority B			
Date Prepared	June 26, 2014		**Total Budget**	**$2,631,203**	Priority C			
Budget Level	Project		**Overprogram**	$0	**Total**			
		PROJECT INFORMATION				**SUBTOTAL BY DISTRICT**	**2015**	
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**		**Justification**	**Priority**	**District**	**Estimated Quantity (each)**	**Estimated Cost (dollars)**
2602-TN-Chattanooga	Budget	Replace Cone Valves on HS Discharge		Physically fails, not repairable, or in imminent danger of failure	Priority A	2600-TN-Cap Growth Budget	-	$0
2602-TN-Chattanooga	Budget	Change Out High Service 17 Motor		Provides increased reliability or operating flexibility of critical assets	Priority B	2601-TN-Corporate	-	$0
2602-TN-Chattanooga	Budget	Change Out High Service 18 Motor		Provides increased reliability or operating flexibility of critical assets	Priority B	2602-TN-Chattanooga	18	$2,441,203
2602-TN-Chattanooga	Budget	Replace Underdrains -6 Units		Physically fails, not repairable, or in imminent danger of failure	Priority A	2603-TN-Suck Creek	-	$0
2602-TN-Chattanooga	Budget	Elder Mountain Tank Aeration an Cumberland Pump Station		Required to comply with regulations	Priority A	2604-TN-Lone Oak	-	$0
2602-TN-Chattanooga	Budget	No. 2 Plant Chemical Vault		Physically fails, not repairable, or in imminent danger of failure	Priority A	2605-TN-Sequatchie Valley	2	$190,000
2602-TN-Chattanooga	Budget	No. 1 Plant Post Chemical Vault		Provides increased reliability or operating flexibility of critical assets	Priority B	0		
2602-TN-Chattanooga	Budget	New Caustic Tank		Physically fails, not repairable, or in imminent danger of failure	Priority A	0		
2605-TN-Sequatchie Valley	Budget	Stabilize Raw Water and Finish Water Piping on Bank		Physically fails, not repairable, or in imminent danger of failure	Priority A	0		
2605-TN-Sequatchie Valley	Budget	Replace/ Rebuild Intake Pump		Provides increased reliability or operating flexibility of critical assets	Priority B	0		
2602-TN-Chattanooga	Budget	Change Out High Service 19 Motor		Provides increased reliability or operating flexibility of critical assets	Priority B	0		
2602-TN-Chattanooga	Budget	Hill City Pump Review and Redundancy		Provides increased reliability or operating flexibility of critical assets	Priority B	0		
2602-TN-Chattanooga	Budget	Replace Underdrains - 6 Units		Physically fails, not repairable, or in imminent danger of failure	Priority A	0		
2602-TN-Chattanooga	Budget	Stabilization of Citico Pump Station Pit		Proactive replacement based on age, condition, or new technology	Priority C	0		
2602-TN-Chattanooga	Budget	Bypass line inside pump room to assist with power failure		Has reached the end of its expected life	Priority B	0		
2605-TN-Sequatchie Valley	Budget	Pump Station Repair		Proactive replacement based on age, condition, or new technology	Priority C	0		
2605-TN-Sequatchie Valley	Budget	Plant Effluent Meter Installation		Provides increased reliability or operating flexibility of critical assets	Priority B	0		
						0		
						0		
						0		
						0		
						0		
						0		
						0		

CAPITAL TANK REHABILITATION OR PAINTING			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	TOTAL QTY
Operating Unit	26-Tennessee	**R**	**Budget**	$500,000	Priority A	1
Business Plan Year	2015		**Budget Reserve**	$0	Priority B	0
Date Prepared	June 26, 2014		**Total Budget**	**$500,000**	Priority C	0
Budget Level	Project		**Overprogram**	$500,000	**Total**	**1**

PROJECT INFORMATION						UNITS
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**	**Project Type**	**Justification**	**Priority**	**Estimated Quantity (each)**
2602-TN-Chattanooga	Budget	St. Elmo 1	Rehab. and Painting	Physically fails or in imminent danger of failure	Priority A	1
2602-TN-Chattanooga	Overprogram	St Elmo 2	Rehab. and Painting	Has reached the end of its expected life	Priority B	1
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						-
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						-
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						-
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						-
						-
						-
						-
						-

CAPITAL TANK REHABILITATION OR PAINTING

					CURRENT BUSINESS PLAN YEAR - 2015	PRIORITY	2015 AVG UNIT COST
Operating Unit	26-Tennessee	R	**Budget**		$500,000	Priority A	$500,000
Business Plan Year	2015		**Budget Reserve**		$0	Priority B	$0
Date Prepared	June 26, 2014		**Total Budget**		**$500,000**	Priority C	$0
Budget Level	Project		**Overprogram**		$500,000	**Total**	**$500,000**

PROJECT INFORMATION						UNIT COST
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**	**Project Type**	**Justification**	**Priority**	**Estimated Unit Cost ($/unit)**
2602-TN-Chattanooga	Budget	St. Elmo 1	Rehab. and Painting	Physically fails or in imminent danger of failure	Priority A	$500,000.00
2602-TN-Chattanooga	Overprogram	St Elmo 2	Rehab. and Painting	Has reached the end of its expected life	Priority B	$500,000.00
						$0.00
						$0.00
						$0.00
						$0.00
						$0.00
						$0.00
						$0.00
						$0.00
						$0.00
						$0.00
						$0.00
						$0.00
						$0.00
						$0.00
						$0.00
						$0.00
						$0.00
						$0.00
						$0.00
						$0.00
						$0.00
						$0.00

CAPITAL TANK REHABILITATION OR PAINTING			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	TOTAL COST
Operating Unit	26-Tennessee	**R**	**Budget**	$500,000	Priority A	$500,000
Business Plan Year	2015		**Budget Reserve**	$0	Priority B	$0
Date Prepared	June 26, 2014		**Total Budget**	**$500,000**	Priority C	$0
Budget Level	Project		**Overprogram**	$500,000	**Total**	**$500,000**

PROJECT INFORMATION						PROJ. COST
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**	**Project Type**	**Justification**	**Priority**	**Estimated Cost (dollars)**
2602-TN-Chattanooga	Budget	St. Elmo 1	Rehab. and Painting	Physically fails or in imminent danger of failure	Priority A	$500,000
2602-TN-Chattanooga	Overprogram	St Elmo 2	Rehab. and Painting	Has reached the end of its expected life	Priority B	$500,000
						$0
						$0
						$0
						$0
						$0
						$0
						$0
						$0
						$0
						$0
						$0
						$0
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						$0
						$0

CAPITAL TANK REHABILITATION OR PAINTING			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	
Operating Unit	26-Tennessee	**R**	**Budget**	$500,000	Priority A	
Business Plan Year	2015		**Budget Reserve**	$0	Priority B	
Date Prepared	June 26, 2014		**Total Budget**	**$500,000**	Priority C	
Budget Level	Project		**Overprogram**	$500,000	**Total**	

PROJECT INFORMATION						COMMENTS
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**	**Project Type**	**Justification**	**Priority**	**As Needed (Opt**
2602-TN-Chattanooga	Budget	St. Elmo 1	Rehab. and Painting	Physically fails or in imminent danger of failure	Priority A	
2602-TN-Chattanooga	Overprogram	St Elmo 2	Rehab. and Painting	Has reached the end of its expected life	Priority B	

CAPITAL TANK REHABILITATION OR PAINTING			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	
Operating Unit	26-Tennessee	**R**	**Budget**	$500,000	Priority A	
Business Plan Year	2015		**Budget Reserve**	$0	Priority B	
Date Prepared	June 26, 2014		**Total Budget**	**$500,000**	Priority C	
Budget Level	Project		**Overprogram**	$500,000	**Total**	

PROJECT INFORMATION						SUBTOTAL BY DISTRICT
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**	**Project Type**	**Justification**	**Priority**	**District**
2602-TN-Chattanooga	Budget	St. Elmo 1	Rehab. and Painting	Physically fails or in imminent danger of failure	Priority A	2600-TN-Cap Growth Budget
2602-TN-Chattanooga	Overprogram	St Elmo 2	Rehab. and Painting	Has reached the end of its expected life	Priority B	2601-TN-Corporate
						2602-TN-Chattanooga
						2603-TN-Suck Creek
						2604-TN-Lone Oak
						2605-TN-Sequatchie Valley
						0
						0
						0
						0
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CAPITAL TANK REHABILITATION OR PAINTING			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	
Operating Unit	26-Tennessee	**R**	**Budget**	$500,000	Priority A	
Business Plan Year	2015		**Budget Reserve**	$0	Priority B	
Date Prepared	June 26, 2014		**Total Budget**	**$500,000**	Priority C	
Budget Level	Project		**Overprogram**	$500,000	**Total**	
PROJECT INFORMATION						**20**

Profit Center	Budget Budget Reserve Overprogram	Project Title	Project Type	Justification	Priority	Estimated Quantity (each)
2602-TN-Chattanooga	Budget	St. Elmo 1	Rehab. and Painting	Physically fails or in imminent danger of failure	Priority A	-
2602-TN-Chattanooga	Overprogram	St Elmo 2	Rehab. and Painting	Has reached the end of its expected life	Priority B	-
						1
						-
						-
						-

CAPITAL TANK REHABILITATION OR PAINTING			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	
Operating Unit	26-Tennessee	**R**	**Budget**	$500,000	Priority A	
Business Plan Year	2015		**Budget Reserve**	$0	Priority B	
Date Prepared	June 26, 2014		**Total Budget**	**$500,000**	Priority C	
Budget Level	Project		**Overprogram**	$500,000	**Total**	
PROJECT INFORMATION						**15**

Profit Center	Budget Budget Reserve Overprogram	Project Title	Project Type	Justification	Priority	Estimated Cost (dollars)
2602-TN-Chattanooga	Budget	St. Elmo 1	Rehab. and Painting	Physically fails or in imminent danger of failure	Priority A	$0
2602-TN-Chattanooga	Overprogram	St Elmo 2	Rehab. and Painting	Has reached the end of its expected life	Priority B	$0
						$500,000
						$0
						$0
						$0

ENGINEERING STUDIES			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY
Operating Unit	26-Tennessee	**S**	**Budget**	$35,000	Priority A
Business Plan Year	2015		**Budget Reserve**	$0	Priority B
Date Prepared	June 26, 2014		**Total Budget**	**$35,000**	Priority C
Budget Level	Project		**Overprogram**	$0	**Total**

PROJECT INFORMATION

Profit Center	Budget Budget Reserve Overprogram	Project Title	Study Type	Justification	Priority
2602-TN-Chattanooga	Budget	Project design, planning prior to CIM approval	Other	To provide regulatory support for future capital improvements	Priority A
2605-TN-Sequatchie Valley	Budget	Source of Supply Study	Supply / Demand Study	Demands of existing system are at 90% or greater of capacity	Priority A

ENGINEERING STUDIES			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	TOTAL QTY
Operating Unit	26-Tennessee	**S**	**Budget**	$35,000	Priority A	2
Business Plan Year	2015		**Budget Reserve**	$0	Priority B	0
Date Prepared	June 26, 2014		**Total Budget**	**$35,000**	Priority C	0
Budget Level	Project		**Overprogram**	$0	**Total**	**2**

PROJECT INFORMATION						UNITS
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**	**Study Type**	**Justification**	**Priority**	**Estimated Quantity (each)**
2602-TN-Chattanooga	Budget	Project design, planning prior to CIM approval	Other	To provide regulatory support for future capital improvements	Priority A	1
2605-TN-Sequatchie Valley	Budget	Source of Supply Study	Supply / Demand Study	Demands of existing system are at 90% or greater of capacity	Priority A	1
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ENGINEERING STUDIES			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	2015 AVG UNIT COST
Operating Unit	26-Tennessee	**S**	**Budget**	$35,000	Priority A	$17,500
Business Plan Year	2015		**Budget Reserve**	$0	Priority B	$0
Date Prepared	June 26, 2014		**Total Budget**	**$35,000**	Priority C	$0
Budget Level	Project		**Overprogram**	$0	**Total**	**$17,500**

PROJECT INFORMATION						UNIT COST
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**	**Study Type**	**Justification**	**Priority**	**Estimated Unit Cost ($/unit)**
2602-TN-Chattanooga	Budget	Project design, planning prior to CIM approval	Other	To provide regulatory support for future capital improvements	Priority A	$25,000.00
2605-TN-Sequatchie Valley	Budget	Source of Supply Study	Supply / Demand Study	Demands of existing system are at 90% or greater of capacity	Priority A	$10,000.00
						$0.00
						$0.00
						$0.00
						$0.00
						$0.00
						$0.00
						$0.00
						$0.00
						$0.00
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						$0.00
						$0.00
						$0.00
						$0.00

ENGINEERING STUDIES			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	TOTAL COST
Operating Unit	26-Tennessee	**S**	**Budget**	$35,000	Priority A	$35,000
Business Plan Year	2015		**Budget Reserve**	$0	Priority B	$0
Date Prepared	June 26, 2014		**Total Budget**	**$35,000**	Priority C	$0
Budget Level	Project		**Overprogram**	$0	**Total**	**$35,000**

PROJECT INFORMATION						PROJ. COST
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**	**Study Type**	**Justification**	**Priority**	**Estimated Cost (dollars)**
2602-TN-Chattanooga	Budget	Project design, planning prior to CIM approval	Other	To provide regulatory support for future capital improvements	Priority A	$25,000
2605-TN-Sequatchie Valley	Budget	Source of Supply Study	Supply / Demand Study	Demands of existing system are at 90% or greater of capacity	Priority A	$10,000
						$0
						$0
						$0
						$0
						$0
						$0
						$0
						$0
						$0
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						$0
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						$0
						$0
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						$0
						$0
						$0
						$0
						$0

ENGINEERING STUDIES			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY
Operating Unit	26-Tennessee	**S**	**Budget**	$35,000	Priority A
Business Plan Year	2015		**Budget Reserve**	$0	Priority B
Date Prepared	June 26, 2014		**Total Budget**	**$35,000**	Priority C
Budget Level	Project		**Overprogram**	$0	**Total**

PROJECT INFORMATION

Profit Center	Budget Budget Reserve Overprogram	Project Title	Study Type	Justification	Priority
2602-TN-Chattanooga	Budget	Project design, planning prior to CIM approval	Other	To provide regulatory support for future capital improvements	Priority A
2605-TN-Sequatchie Valley	Budget	Source of Supply Study	Supply / Demand Study	Demands of existing system are at 90% or greater of capacity	Priority A

ENGINEERING STUDIES			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY
Operating Unit	26-Tennessee	**S**	**Budget**	$35,000	Priority A
Business Plan Year	2015		**Budget Reserve**	$0	Priority B
Date Prepared	June 26, 2014		**Total Budget**	**$35,000**	Priority C
Budget Level	Project		**Overprogram**	$0	**Total**

PROJECT INFORMATION

Profit Center	Budget Budget Reserve Overprogram	Project Title	Study Type	Justification	Priority
2602-TN-Chattanooga	Budget	Project design, planning prior to CIM approval	Other	To provide regulatory support for future capital improvements	Priority A
2605-TN-Sequatchie Valley	Budget	Source of Supply Study	Supply / Demand Study	Demands of existing system are at 90% or greater of capacity	Priority A

ENGINEERING STUDIES			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	
Operating Unit	26-Tennessee	**S**	**Budget**	$35,000	Priority A	
Business Plan Year	2015		**Budget Reserve**	$0	Priority B	
Date Prepared	June 26, 2014		**Total Budget**	**$35,000**	Priority C	
Budget Level	Project		**Overprogram**	$0	**Total**	

PROJECT INFORMATION						SUBTOTAL BY DISTRIC
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**	**Study Type**	**Justification**	**Priority**	**District**
2602-TN-Chattanooga	Budget	Project design, planning prior to CIM approval	Other	To provide regulatory support for future capital improvements	Priority A	2600-TN-Cap Growth Budget
2605-TN-Sequatchie Valley	Budget	Source of Supply Study	Supply / Demand Study	Demands of existing system are at 90% or greater of capacity	Priority A	2601-TN-Corporate
						2602-TN-Chattanooga
						2603-TN-Suck Creek
						2604-TN-Lone Oak
						2605-TN-Sequatchie Valley
						0
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						0

ENGINEERING STUDIES			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	
Operating Unit	26-Tennessee	**S**	**Budget**	$35,000	Priority A	
Business Plan Year	2015		**Budget Reserve**	$0	Priority B	
Date Prepared	June 26, 2014		**Total Budget**	**$35,000**	Priority C	
Budget Level	Project		**Overprogram**	$0	**Total**	
PROJECT INFORMATION						**20**

Profit Center	Budget Budget Reserve Overprogram	Project Title	Study Type	Justification	Priority	Estimated Quantity (each)
2602-TN-Chattanooga	Budget	Project design, planning prior to CIM approval	Other	To provide regulatory support for future capital improvements	Priority A	-
2605-TN-Sequatchie Valley	Budget	Source of Supply Study	Supply / Demand Study	Demands of existing system are at 90% or greater of capacity	Priority A	-
						1
						-
						-
						1

ENGINEERING STUDIES			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	
Operating Unit	26-Tennessee	**S**	**Budget**	$35,000	Priority A	
Business Plan Year	2015		**Budget Reserve**	$0	Priority B	
Date Prepared	June 26, 2014		**Total Budget**	**$35,000**	Priority C	
Budget Level	Project		**Overprogram**	$0	**Total**	

PROJECT INFORMATION

Profit Center	Budget Budget Reserve Overprogram	Project Title	Study Type	Justification	Priority	
2602-TN-Chattanooga	Budget	Project design, planning prior to CIM approval	Other	To provide regulatory support for future capital improvements	Priority A	
2605-TN-Sequatchie Valley	Budget	Source of Supply Study	Supply / Demand Study	Demands of existing system are at 90% or greater of capacity	Priority A	

ENGINEERING STUDIES			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	
Operating Unit	26-Tennessee	**S**	**Budget**	$35,000	Priority A	
Business Plan Year	2015		**Budget Reserve**	$0	Priority B	
Date Prepared	June 26, 2014		**Total Budget**	**$35,000**	Priority C	
Budget Level	Project		**Overprogram**	$0	**Total**	
PROJECT INFORMATION						**15**

Profit Center	Budget Budget Reserve Overprogram	Project Title	Study Type	Justification	Priority	Estimated Cost (dollars)
2602-TN-Chattanooga	Budget	Project design, planning prior to CIM approval	Other	To provide regulatory support for future capital improvements	Priority A	$0
2605-TN-Sequatchie Valley	Budget	Source of Supply Study	Supply / Demand Study	Demands of existing system are at 90% or greater of capacity	Priority A	$0
						$25,000
						$0
						$0
						$10,000