filed electronically in docket office on 01/28/16

BUTLER | SNOW

January 28, 2016

VIA ELECTRONIC FILING

Hon. Herbert H. Hilliard, Chairman
c/o Sharla Dillon
Tennessee Regulatory Authority
502 Deaderick Street, 4th Floor
Nashville, TN 37243

RE: Petition of Tennessee-American Water Company Regarding The Production Costs and Other Pass-Throughs Rider, TRA Docket No. 15-00111

Dear Chairman Hilliard:

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

Nine (9) Excel spreadsheets are also filed electronically.

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

Very truly yours,

BUTLER SNOW LLP

Melvin J. Malone

clw
Attachments
cc: Valoria Armstrong, President, Tennessee-American Water Company
Wayne Irvin, Assistant Attorney General, Consumer Advocate and Protection Division
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TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 15-00111
SECOND DISCOVERY SET OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question: 02-001

Refer to the Company's reply to CPAD Data Request Item 1-1 regarding the source data for the 2014 depreciation expense data that was included in the Company's filing as a "hard number". The Company's reply to CPAD 1-1 appears to be non-responsive in particular because the data does not trace to the filing in Docket 15-00029 as indicated in the Company's reply.[1] Because the depreciation expense amounts included in the Company's filing are "hard numbers" they must have been copied from other documentation. Please provide the source and support for the documentation that the "hard numbers" for depreciation expense were copied from.

Response:

In the file named "TAW_TRA_2014_CapRider_Recon" from Docket 15-00029, the tab "WKP-2014 In-Serviced" tab are the amounts from the original filing in Docket 13-00130. These amounts were calculated and approved based on projected 2014 activity (WKP-2014 SCEP).

In the file named "TAW_TRA_2014_CapRider_Recon" from Docket 15-00029, the actual amounts for the 2014 reconciliation are on the tab named "WKP-Net Invest Results". This tab contains the actual versus filed (budget) comparisons, by month, which is summarized on the final exhibit tab "Exhibit Reconciliation".

The "Exhibit Reconciliation" tab has a total actual depreciation expense of $51,050 in cell W23 in file "TAW_TRA_2014_CapRider_Recon". This equals the total 2014 depreciation expense in cell AY114 on "WKP-2014 In-Service" tab in file "TAW_APP_SCH1_111115".

In particular to the footnote, cell BW59, on the tab "WKP"-Net Invest Results" in the file named "TAW_TRA_2014_CapRider_Recon", contains the actual accumulated depreciation calculation for Business Unit C of $-5,637. The inverse amount of $5,637 would be the depreciation expense. This is based off the actual utility plant in-service activity in 2014.

Based on discovery in Docket 15-00029, the 2015 Capital Rider reconciliation file will be re-structured similarly to the filing in Docket No. 15-00111 in order to provide more transparency to the actual versus filed comparisons. Additional workpapers will be added for retirements, cost of removal, and tax depreciation calculations.

[1] For example, depreciation expense for Business Unit C equals $4,769 on the "WKP-2014 In-Service" tab of the spreadsheet titled "TAW_TRA_2014_CapRider_Recon" from Docket 15-00029. However, depreciation expense for Business Unit C equals $5,637 on the "WKP 2014 In-Serviced SCEP" tab of the spreadsheet titled "TAW_APP_SCH1_111115 in the current Docket 15-00111. The $4,769 and the $5,637 amounts are included as hard numbers in both spreadsheets.

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 15-00111
SECOND DISCOVERY SET OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question: 02-002

Refer to the Company's reply to CPAD Data Request Item 1-2 regarding the source data for the 2014 cost of removal data that was included in the Company's filing as a "hard number". The Company's reply to CPAD 1-2 appears to be non-responsive in particular because the data does not trace to the filing in Docket 15-00029 as indicated in the Company's reply.[1] Because the cost of removal amounts included in the Company's filing are "hard numbers" they must have been copied from other documentation. Please provide the source and support for the documentation that the "hard numbers" for cost of removal were copied from.

Response:

In the file named "TAW_TRA_2014_CapRider_Recon" from Docket 15-00029, the tab "WKP-2014 In-Serviced" tab are the amounts from the original filing in Docket 13-00130. These amounts were calculated and approved based on projected 2014 activity (WKP-2014 SCEP).

In the file named "TAW_TRA_2014_CapRider_Recon" from Docket 15-00029, the actual amounts for the 2014 reconciliation are on the tab named "WKP-Net Invest Results". This tab contains the actual versus filed (budget) comparisons, by month, which is summarized on the final exhibit tab "Exhibit Reconciliation".

The "Exhibit Reconciliation" tab has an actual average cost of removal of $40,137 in cell W14 in file "TAW_TRA_2014_CapRider_Recon" for the 2014 riders. This equals the total 2014 average cost of removal in cell BA114 on "WKP-2014 In-Service" tab in file "TAW_APP_SCH1_111115".

In particular to the footnote, cell BW151, on the tab "WKP"-Net Invest Results" in the file named "TAW_TRA_2014_CapRider_Recon", contains the actual depreciation expense calculation for Business Unit H of $0. This is based off the actual cost of removal (COR) activity in 2014. Any YTD amounts for COR would have to be averaged for inclusion in rate base and compared to filed COR amounts.

Based on discovery in Docket 15-00029, the 2015 Capital Rider reconciliation file will be re-structured similarly to the filing in Docket No. 15-00111 in order to provide more transparency

[1] For example, cost of removal for Business Unit H equals $12,633 on the "WKP-2014 In-Service" tab of the spreadsheet titled "TAW_TRA_2014_CapRider_Recon" from Docket 15-00029. However, cost of removal for Business Unit H equals $0 on the "WKP 2014 In-Serviced SCEP" tab of the spreadsheet titled "TAW_APP_SCH1_111115 in the current Docket 15-00111. The $12,633 and the $0 amounts are included as hard numbers in both spreadsheets.

to the actual versus filed comparisons. Additional workpapers will be added for retirements, cost of removal, and tax depreciation calculations.

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 15-00111
SECOND DISCOVERY SET OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question: 02-003

Refer to the Company's reply to CPAD Data Request Item 1-3 regarding the source data for the 2014 tax depreciation expense data that was included in the Company's filing as a "hard number". The Company's reply to CPAD 1-3 appears to be non-responsive in particular because the data does not trace to the filing in Docket 15-00029 as indicated in the Company's reply.[1] Because the tax depreciation expense amounts included in the Company's filing are "hard numbers" they must have been copied from other documentation. Please provide the source and support for the documentation that the "hard numbers" for tax depreciation expense were copied from.

Response:

In the file named "TAW_TRA_2014_CapRider_Recon" from Docket 15-00029, the tab "WKP-2014 In-Serviced" tab are the amounts from the original filing in Docket 13-00130. These amounts were calculated and approved based on projected 2014 activity (WKP-2014 SCEP).

In the file named "TAW_TRA_2014_CapRider_Recon" from Docket 15-00029, the actual amounts for the 2014 reconciliation are on the tab named "WKP-Net Invest Results". This tab contains the actual versus filed (budget) comparisons, by month, which is summarized on the final exhibit tab "Exhibit Reconciliation".

The "Exhibit Reconciliation" tab has an actual average deferred tax balance of $2,045 in cell W16 in file "TAW_TRA_2014_CapRider_Recon". This equals the total 2014 average deferred tax balance in cell BN114 on "WKP-2014 In-Service" tab in file "TAW_APP_SCH1_111115". Tax depreciation expense is part the calculation of this balance.

In particular to the footnote, cell BW58, on the tab "WKP"-Net Invest Results" in the file named "TAW_TRA_2014_CapRider_Recon", contains the actual accumulated deferred tax calculation for Business Unit C of $-1,327. ADT of $1,327 (inverse for expense) divided by .3923 (tax rate) = 3,382.61 which is tax over book. $3,382 + book depreciation of $5,637 (inverse of cell BW59) = $9,019. This is based off the actual utility plant in-service activity in 2014, by month.

Based on discovery in Docket 15-00029, the 2015 Capital Rider reconciliation file will be re-structured similarly to the filing in Docket No. 15-00111 in order to provide more transparency

[1] For example, tax depreciation for Business Unit C equals $7,631 on the "WKP-2014 In-Service" tab of the spreadsheet titled "TAW_TRA_2014_CapRider_Recon" from Docket 15-00029. However, tax depreciation for Business Unit C equals $9,019 on the "WKP 2014 In-Serviced SCEP" tab of the spreadsheet titled "TAW_APP_SCH1_111115 in the current Docket 15-00111. The $7,631 and the $9,019 amounts are included as hard numbers in both spreadsheets.

to the actual versus filed comparisons. Additional workpapers will be added for retirements, cost of removal, and tax depreciation calculations.

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 15-00111
SECOND DISCOVERY SET OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question: 02-004

Refer to the Company's reply to CPAD Data Request Item 1-4 regarding the source data for the 2014 accumulated depreciation expense data that was included in the Company's filing as a "hard number". The Company's reply to CPAD 1-4 appears to be non-responsive in particular because the data does not trace to the filing in Docket 15-00029 as indicated in the Company's reply.[1] Because the accumulated depreciation expense amounts included in the Company's filing are "hard numbers" they must have been copied from other documentation. Please provide the source and support for the documentation that the "hard numbers" for accumulated depreciation expense were copied from.

Response:

In the file named "TAW_TRA_2014_CapRider_Recon" from Docket 15-00029, the tab "WKP-2014 In-Serviced" tab are the amounts from the original filing in Docket 13-00130. These amounts were calculated and approved based on projected 2014 activity (WKP-2014 SCEP).

In the file named "TAW_TRA_2014_CapRider_Recon" from Docket 15-00029, the actual amounts for the 2014 reconciliation are on the tab named "WKP-Net Invest Results". This tab contains the actual versus filed (budget) comparisons, by month, which is summarized on the final exhibit tab "Exhibit Reconciliation".

The "Exhibit Reconciliation" tab has an actual average accumulated depreciation balance of $16,429 in cell W17 in file "TAW_TRA_2014_CapRider_Recon". This equals the total 2014 average accumulated depreciation balance in cell BL114 on "WKP-2014 In-Service" tab in file "TAW_APP_SCH1_111115".

In particular to the footnote, cell BW59, on the tab "WKP"-Net Invest Results" in the file named "TAW_TRA_2014_CapRider_Recon", contains the actual accumulated depreciation balance for Business Unit C of $-5,637 which inversely equals total year depreciation expense. The $-2,128 is the weighted average accumulated depreciation balance over the twelve months from cells O59 through BS59. This is based off the actual utility plant in-service activity in 2014, by month.

Based on discovery in Docket 15-00029, the 2015 Capital Rider reconciliation file will be re-structured similarly to the filing in Docket No. 15-00111 in order to provide more transparency

[1] For example, accumulated depreciation for Business Unit C equals $2,385 on the "WKP-2014 In-Service" tab of the spreadsheet titled "TAW_TRA_2014_CapRider_Recon" from Docket 15-00029. However, accumulated depreciation for Business Unit C equals $2,128 on the "WKP 2014 In-Serviced SCEP" tab of the spreadsheet titled "TAW_APP_SCH1_111115 in the current Docket 15-00111. The $2,385 and the $2,128 amounts are included as hard numbers in both spreadsheets.

to the actual versus filed comparisons. Additional workpapers will be added for retirements, cost of removal, and tax depreciation calculations.

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 15-00111
SECOND DISCOVERY SET OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question: 02-005

Refer to the Company's reply to CPAD Data Request Item 1-5 regarding the source data for the 2014 average depreciation deferred tax data that was included in the Company's filing as a "hard number". The Company's reply to CPAD 1-5 appears to be non-responsive in particular because the data does not trace to the filing in Docket 15-00029 as indicated in the Company's reply.[1] Because the average depreciation deferred tax amounts included in the Company's filing are "hard numbers" they must have been copied from other documentation. Please provide the source and support for the documentation that the "hard numbers" for average depreciation deferred tax were copied from.

Response:

In the file named "TAW_TRA_2014_CapRider_Recon" from Docket 15-00029, the tab "WKP-2014 In-Serviced" tab are the amounts from the original filing in Docket 13-00130. These amounts were calculated and approved based on projected 2014 activity (WKP-2014 SCEP).

In the file named "TAW_TRA_2014_CapRider_Recon" from Docket 15-00029, the actual amounts for the 2014 reconciliation are on the tab named "WKP-Net Invest Results". This tab contains the actual versus filed (budget) comparisons, by month, which is summarized on the final exhibit tab "Exhibit Reconciliation".

The "Exhibit Reconciliation" tab has an actual average deferred tax balance of $2,045 in cell W16 in file "TAW_TRA_2014_CapRider_Recon". This equals the total 2014 average deferred tax balance in cell BN114 on "WKP-2014 In-Service" tab in file "TAW_APP_SCH1_111115".

In particular to the footnote, cell BW58, on the tab "WKP"-Net Invest Results" in the file named "TAW_TRA_2014_CapRider_Recon", contains the actual accumulated depreciation deferred tax balance for Business Unit C of $-1,327. The $-501 is the weighted average accumulated depreciation deferred tax balance over the twelve months from cells O58 through BS58. This is based off the actual utility plant in-service activity in 2014, by month.

Based on discovery in Docket 15-00029, the 2015 Capital Rider reconciliation file will be re-structured similarly to the filing in Docket No. 15-00111 in order to provide more transparency

[1] For example, average depreciation deferred tax (DTA, DTL) for Business Unit C equals $1,122 on the "WKP-2014 In-Service" tab of the spreadsheet titled "TAW_TRA_2014_CapRider_Recon" from Docket 15-00029. However, average depreciation deferred tax (DTA, DTL) for Business Unit C equals $501 on the "WKP 2014 In-Serviced SCEP" tab of the spreadsheet titled "TAW_APP_SCH1_111115 in the current Docket 15-00111. The $1,122 and the $501 amounts are included as hard numbers in both spreadsheets.

to the actual versus filed comparisons. Additional workpapers will be added for retirements, cost of removal, and tax depreciation calculations.

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 15-00111
SECOND DISCOVERY SET OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question: 02-006

Refer to the Company's calculation of tax depreciation expense for 2014, 2015 and 2016. Should not the MACRS tax depreciation rates be applied to the cumulative plant additions for each vintage year instead of the average plant balance for the year? For example, in the spreadsheet included in response to CPAD 1-8, the Company has included $2,018 as tax depreciation for 2015 for project line A that is based (in part) on **average** plant in service of $100,893 instead of the **cumulative** plant in service of $164,387. Please confirm or deny this error. If confirmed, please provide a corrected calculation. If denied, please provide a full explanation.

Response:

Yes, the MACRS tax depreciation rates should be applied to the cumulative plant additions for each vintage year instead of the average plant balance for the year.

In order to complete the recalculation requested, Tennessee American took the file that was created and provided in response to Item 1-08 of the CAPD's First Discovery Request and utilized the cumulative balances in 2014 and 2015. The overall impact to the revenue requirement would be a reduction of $3,580. This was the only change made in the file. Please refer to the file CAPD 02-006_Attachment.xlsx for the re-calculation using the cumulative balances in 2014 and 2015.

Please note that although Tennessee American has provided a copy in both electronic and paper format of the entire file, only the following tabs are impacted by this recalculation:

WKP 2016 In-Serviced SCEP
WKP 2016 In-Service SCEP proof
EXH Summary
EXH Avg Impact
EXH SEC 1
EXH SEC 2
WKP SEC 2
EXH QIIP 1
EXH QIIP 2
WKP QIIP 2
EXH EDI 1
EXH EDI 2
WKP EDI 2

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date July 14, 2013
Description TN BP 2014-2018 SCEP

Business Unit	Business Unit No.	Project Title			2014	Period 1	2	3	4	5	6	7	8	9	10
		RECURRING PROJECTS													
Tennessee	**DV**	**Projects Funded by Others**				**$ 50,000**	**$ 80,000**	**$ 100,000**	**$ 140,000**	**$ 160,000**	**$ 180,000**	**$ 180,000**	**$ 160,000**	**$ 160,000**	**$ 140,000**
						112,757	**91,378**	**76,667**	**106,667**	**133,333**	**160,000**	**173,333**	**173,333**	**166,667**	**153,333**
Tennessee	A	Mains - New				-			8,000	15,000	20,000	20,000	15,000	10,000	3,166
Tennessee	B	Mains - Replaced / Restored				25,000	45,000	75,000	125,000	150,000	200,000	150,000	100,000	100,000	80,000
Tennessee	C	Mains - Unscheduled				62,000	80,000	95,000	36,000	50,000	80,000	85,000	80,000	60,000	60,000
Tennessee	D	Mains - Relocated				-	-	10,000	20,000	40,000	70,000	60,000	40,000	10,000	
Tennessee	E	Hydrants, Valves, and Manholes - New				-	-	4,000	6,000	5,000	4,797	4,000	5,000	6,000	5,000
Tennessee	F	Hydrants, Valves, and Manholes - Replaced				5,000	15,000	30,000	40,000	45,000	65,000	53,034	40,000	30,000	25,000
Tennessee	G	Services and Laterals - New				19,660	22,880	32,880	36,270	46,270	59,490	32,880	29,490	26,270	36,270
Tennessee	H	Services and Laterals - Replaced				18,200	18,200	18,200	18,200	18,300	18,300	18,300	18,200	18,200	27,300
Tennessee	I	Meters - New				40,000	40,000	48,000	52,000	58,000	58,015	47,600	47,800	46,000	45,000
Tennessee	J	Meters - Replaced				45,000	45,000	60,385	60,385	60,385	60,385	60,385	60,385	60,384	60,384
Tennessee	K	ITS Equipment and Systems				-	5,000	10,000	15,000	10,000	5,000	15,000	20,000	28,662	25,000
Tennessee	L	SCADA Equipment and Systems				5,000	10,000	15,000	25,000	20,000	15,000	15,414	20,000	25,000	20,000
Tennessee	M	Security Equipment and Systems				10,833	10,833	10,833	10,833	10,833	10,833	10,833	10,833	10,833	10,833
Tennessee	N	Offices and Operations Centers				-	-	-	-	-	1,200	2,500	5,000	5,000	5,000
Tennessee	O	Vehicles				-	-	-	-	-	30,000	90,000	40,000	25,000	106,293
Tennessee	P	Tools and Equipment				-	-	-	-	3,360	7,000	10,000	5,000	2,500	1,663
Tennessee	Q	Process Plant Facilities and Equipment				37,500	37,500	75,000	75,000	75,000	75,000	85,000	85,000	85,000	75,000
Tennessee	R	Capitalized Tank Rehabilitation/Painting				10,000	50,000	120,000	70,000	20,000	5,000	5,000	15,000	20,000	40,000
Tennessee	S	Engineering Studies				10,000	15,554	15,000	10,000	10,000	5,000				
		Total Recurring Projects				-	-	-	-	-		-	-	-	-
		ACQUISITIONS													
Tennessee															
		Total Acquisitions				-	-	-	-	-	-	-	-	-	-
		CENTRALLY SPONSORED PROJECTS													
Tennessee	T26-0202	Business Transformation 2010 - 2014				39,782	38,775	38,699							
Tennessee	T26-0203	Business Transformation 2010 - 2014													
		Total Centrally Sponsored Projects				**$ 39,782**	**$ 38,775**	**$ 38,699**	-	-	-	-	-	-	-
				In Service											
		INVESTMENT PROJECTS	**Total**	**Date**											
Tennessee	I26-020016	Metershop Building Additions	1,300,000	12/31/16											
Tennessee	I26-020017	Electrical Motor Efficiency Enhancement ($2.9)	2,900,000	12/31/17											
Tennessee	I26-020019	Interconnects Adjacent Water UD ($0.6)	600,000	12/31/16											
Tennessee	I12-020024	Install New Hill City Pumps ($0.7)	700,000	12/31/17											
Tennessee	I26-020025	Install 5,700' of 16"- East Braine ($1.0)	1,000,000	12/31/16											
Tennessee	I26-020026	5800'-16" Main in Navajo Dr. ($1.0)	1,000,000	12/31/17											
Tennessee	I26-020027	Construct 1.0MG Tank & 2500-16" ER ($1.0)	-												
Tennessee	I26-020030	5933 lf of 20" Ringgold Rd. at I-75 ($2.1)	1,000,000	12/31/13											
Tennessee	I26-020031	Citico Plant Improvements Phase 1B ($8.6)	4,500,000	6/30/15						15,000	35,000	50,000	150,000	450,000	650,000
Tennessee	I26-020032	Wastewater Treatm't & Handling Impr ($4.5)	900,000	4/30/15		20,000	25,000	35,000	30,000	15,000	50,000	150,000	250,000	500,000	450,000
Tennessee	I26-020033	Convert ER Reservoir to Pump Storag ($0.25)	-												
Tennessee	I26-020034	3000'-24" Tennessee River Crossing ($0.5)	500,000	12/31/17											
Tennessee	I26-020035	Repl Lktout Mtn Pump #4 ($0.9)	900,000	12/31/16											
Tennessee	I26-020036	New Office Building	-												
Tennessee	I26-020022	Post Acquisition BD Capex	1,080,000			20,286	20,286	20,286	20,286	20,286	20,286	20,286	21,186	21,261	18,726
Tennessee		IP Project Unbudgeted Capital													
Tennessee		Whitwell Acquisition Capital Investment	1,200,000	12/31/14		20,000	40,000	40,000	60,000	80,000	120,000	150,000	180,000	200,000	150,000
		Total Investment Projects				**$ 60,286**	**$ 85,286**	**$ 95,286**	**$ 110,286**	**$ 130,286**	**$ 225,286**	**$ 370,286**	**$ 601,186**	**$ 1,171,261**	**$ 1,268,726**
		Total Investment and Centrally Sponsored Projects				**$ 100,068**	**$ 124,061**	**$ 133,985**	**$ 110,286**	**$ 130,286**	**$ 225,286**	**$ 370,286**	**$ 601,186**	**$ 1,171,261**	**$ 1,268,726**
		Contributions				(80,000)	(90,000)	(110,000)	(90,000)	(80,000)	(90,000)	(100,000)	(90,000)	(80,000)	(70,000)
		Advances				(20,000)	(20,000)	(30,000)	(40,000)	(50,000)	(50,000)	(40,000)	(35,000)	(35,000)	(30,000)
		Total Refunds				20,000	30,000	40,000	60,000	40,000	35,000	40,000	50,000	60,000	50,000
		Gross minus BT				**$ 110,286**	**$ 165,286**	**$ 195,286**	**$ 250,286**	**$ 290,286**	**$ 405,286**	**$ 550,286**	**$ 761,186**	**$ 1,331,261**	**$ 1,408,726**
						(80,000)	(80,000)	(100,000)	(70,000)	(90,000)	(105,000)	(100,000)	(75,000)	(55,000)	(50,000)
		Net minus BT				**$ 30,286**	**$ 85,286**	**$ 95,286**	**$ 180,286**	**$ 200,286**	**$ 300,286**	**$ 450,286**	**$ 686,186**	**$ 1,276,261**	**$ 1,358,726**
		Gross plus BT				**$ 150,068**	**$ 204,061**	**$ 233,985**	**$ 250,286**	**$ 290,286**	**$ 405,286**	**$ 550,286**	**$ 761,186**	**$ 1,331,261**	**$ 1,408,726**
						(80,000)	(80,000)	(100,000)	(70,000)	(90,000)	(105,000)	(100,000)	(75,000)	(55,000)	(50,000)
		Net plus BT				**$ 70,068**	**$ 124,061**	**$ 133,985**	**$ 180,286**	**$ 200,286**	**$ 300,286**	**$ 450,286**	**$ 686,186**	**$ 1,276,261**	**$ 1,358,726**

TAW_R_CAPDDR2_NUM06_attachment
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STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date July 14, 2013
Description TN BP 2014-2018 SCEP

Business Unit	Business Unit No.	Project Title	11	12	Total	U.S. $ 2014	Surcharge Category
		RECURRING PROJECTS					
Tennessee	**DV**	**Projects Funded by Others**	**$ 90,000**	**$ 60,000**	**$ 1,500,000**		
			130,000	**96,667**			
Tennessee	A	Mains - New		-		91,166	EDI
Tennessee	B	Mains - Replaced / Restored	63,192	35,000		1,148,192	QIIP
Tennessee	C	Mains - Unscheduled	62,000	50,000		800,000	QIIP
Tennessee	D	Mains - Relocated	-	-		250,000	QIIP
Tennessee	E	Hydrants, Valves, and Manholes - New	3,000	-		42,797	EDI
Tennessee	F	Hydrants, Valves, and Manholes - Replaced	10,000	7,000		365,034	QIIP
Tennessee	G	Services and Laterals - New	62,710	55,930		461,000	EDI
Tennessee	H	Services and Laterals - Replaced	27,300	27,300		246,000	QIIP
Tennessee	I	Meters - New	40,000	40,000		562,415	EDI
Tennessee	J	Meters - Replaced	45,000	45,000		663,078	QIIP
Tennessee	K	ITS Equipment and Systems	10,000	5,000		148,662	
Tennessee	L	SCADA Equipment and Systems	10,000	5,000		185,414	SEC
Tennessee	M	Security Equipment and Systems	10,833	10,833		130,000	SEC
Tennessee	N	Offices and Operations Centers	2,500	1,800		23,000	
Tennessee	O	Vehicles	50,000	41,000		382,293	EDI
Tennessee	P	Tools and Equipment				29,523	
Tennessee	Q	Process Plant Facilities and Equipment	55,490	37,500		797,990	SEC
Tennessee	R	Capitalized Tank Rehabilitation/Painting	65,000	30,000		450,000	QIIP
Tennessee	S	Engineering Studies				65,554	
		Total Recurring Projects	-	-		**$ 6,842,118**	
		ACQUISITIONS					
Tennessee						-	
		Total Acquisitions	**-**	**-**		**-**	
		CENTRALLY SPONSORED PROJECTS					
Tennessee	T26-0202	Business Transformation 2010 - 2014	-	-		117,256	
Tennessee	T26-0203	Business Transformation 2010 - 2014					
		Total Centrally Sponsored Projects	**-**	**-**		**$ 117,256**	
		INVESTMENT PROJECTS					
Tennessee	I26-020016	Metershop Building Additions				-	
Tennessee	I26-020017	Electrical Motor Efficiency Enhancement ($2.9)				-	
Tennessee	I26-020019	Interconnects Adjacent Water UD ($0.6)				-	
Tennessee	I12-020024	Install New Hill City Pumps ($0.7)		-		-	SEC
Tennessee	I26-020025	Install 5,700' of 16"- East Braine ($1.0)				-	
Tennessee	I26-020026	5800'-16" Main in Navajo Dr. ($1.0)				-	
Tennessee	I26-020027	Construct 1.0MG Tank & 2500-16" ER ($1.0)				-	
Tennessee	I26-020030	5933 lf of 20" Ringgold Rd. at I-75 ($2.1)				-	
Tennessee	I26-020031	Citico Plant Improvements Phase 1B ($8.6)	750,000	900,000		3,000,000	QIIP
Tennessee	I26-020032	Wastewater Treatm't & Handling Impr ($4.5)	350,000	125,000		2,000,000	SEC
Tennessee	I26-020033	Convert ER Reservoir to Pump Storag ($0.25)				-	
Tennessee	I26-020034	3000'-24" Tennessee River Crossing ($0.5)				-	EDI
Tennessee	I26-020035	Repl Lktout Mtn Pump #4 ($0.9)				-	QIIP
Tennessee	I26-020036	New Office Building				-	
Tennessee	I26-020022	Post Acquisition BD Capex	18,726	18,725		240,626	
Tennessee		IP Project Unbudgeted Capital				-	
Tennessee		Whitwell Acquisition Capital Investment	120,000	40,000		1,200,000	QIIP
		Total Investment Projects	**$ 1,238,726**	**$ 1,083,725**		**$ 6,440,626**	
		Total Investment and Centrally Sponsored Projects	**$ 1,238,726**	**$ 1,083,725**		**$ 6,557,882**	
		Contributions	(60,000)	(60,000)		(1,000,000)	
		Advances	(30,000)	(20,000)		(400,000)	
		Total Refunds	40,000	35,000		500,000	
						-	
		Gross minus BT	**$ 1,328,726**	**$ 1,143,725**		**$ 14,782,744**	
			(50,000)	(45,000)		(900,000)	
		Net minus BT	**$ 1,278,726**	**$ 1,098,725**		**$ 13,882,744**	
		Gross plus BT	**$ 1,328,726**	**$ 1,143,725**		**$ 14,900,000**	
			(50,000)	(45,000)		(900,000)	
		Net plus BT	**$ 1,278,726**	**$ 1,098,725**		**$ 14,000,000**	

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Type	Period	WBS	Description	In-Service Date	Profit center	Project #	Utility account	UA Naruc	Amount	Eligibility
ADDITION	4	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	331001	TD Mains Not Classified	36602.35	QIIP
ADDITION	6	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	335000	Hydrants	0.27	QIIP
ADDITION	4	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	331001	TD Mains Not Classified	-253.05	QIIP
ADDITION	6	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	333000	Services	0.3	QIIP
ADDITION	6	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	333000	Services	1.41	QIIP
ADDITION	6	R26-02B1.14-P-0004	DAYTON BLVD 2-6" STUB OUTS FOR FUTU	5/9/2014	2602	B	331001	TD Mains Not Classified	530.54	QIIP
ADDITION	6	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	331001	TD Mains Not Classified	1156.46	QIIP
ADDITION	4	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	331001	TD Mains Not Classified	7.31	QIIP
ADDITION	6	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	331001	TD Mains Not Classified	120.68	QIIP
ADDITION	6	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	333000	Services	5.78	QIIP
ADDITION	6	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	333000	Services	30.31	QIIP
ADDITION	6	R26-02B1.14-P-0004	DAYTON BLVD 2-6" STUB OUTS FOR FUTU	5/9/2014	2602	B	331001	TD Mains Not Classified	1266.23	QIIP
ADDITION	6	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	331001	TD Mains Not Classified	6349.65	QIIP
ADDITION	4	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	331001	TD Mains Not Classified	2100.77	QIIP
ADDITION	6	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	333000	Services	30.88	QIIP
ADDITION	6	R26-02B1.14-P-0004	DAYTON BLVD 2-6" STUB OUTS FOR FUTU	5/9/2014	2602	B	331001	TD Mains Not Classified	4446.32	QIIP
ADDITION	6	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	333000	Services	281.99	QIIP
ADDITION	6	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	331001	TD Mains Not Classified	24252.86	QIIP
ADDITION	6	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	335000	Hydrants	5.21	QIIP
ADDITION	6	R26-02B1.14-P-0004	DAYTON BLVD 2-6" STUB OUTS FOR FUTU	5/9/2014	2602	B	331001	TD Mains Not Classified	-5263.97	QIIP
ADDITION	6	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	331001	TD Mains Not Classified	-6252.23	QIIP
ADDITION	6	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	331001	TD Mains Not Classified	-23820.32	QIIP
ADDITION	6	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	331001	TD Mains Not Classified	2606.58	QIIP
ADDITION	5	R26-02B1.14-P-0004	DAYTON BLVD 2-6" STUB OUTS FOR FUTU	5/9/2014	2602	B	331001	TD Mains Not Classified	17000.17	QIIP
ADDITION	5	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	331001	TD Mains Not Classified	45.81	QIIP
ADDITION	5	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	331001	TD Mains Not Classified	46.22	QIIP
ADDITION	5	R26-02B1.14-P-0004	DAYTON BLVD 2-6" STUB OUTS FOR FUTU	5/9/2014	2602	B	331001	TD Mains Not Classified	45.45	QIIP
ADDITION	5	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	331001	TD Mains Not Classified	120.94	QIIP
ADDITION	5	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	331001	TD Mains Not Classified	75.68	QIIP
ADDITION	5	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	331001	TD Mains Not Classified	33635.3	QIIP
ADDITION	4	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	331001	TD Mains Not Classified	22796.65	QIIP
ADDITION	5	R26-02B1.14-P-0004	DAYTON BLVD 2-6" STUB OUTS FOR FUTU	5/9/2014	2602	B	331001	TD Mains Not Classified	929.89	QIIP
ADDITION	5	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	331001	TD Mains Not Classified	2868.56	QIIP
ADDITION	5	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	331001	TD Mains Not Classified	1581.38	QIIP
ADDITION	5	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	331001	TD Mains Not Classified	-36602.35	QIIP
ADDITION	6	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	335000	Hydrants	28.61	QIIP
ADDITION	6	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	333000	Services	31.73	QIIP
ADDITION	6	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	333000	Services	37.62	QIIP
ADDITION	6	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	331001	TD Mains Not Classified	3235.35	QIIP
ADDITION	6	R26-02B1.14-P-0004	DAYTON BLVD 2-6" STUB OUTS FOR FUTU	5/9/2014	2602	B	331001	TD Mains Not Classified	55.02	QIIP
ADDITION	6	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	331001	TD Mains Not Classified	6179.28	QIIP
ADDITION	6	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	335000	Hydrants	27.84	QIIP
ADDITION	5	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	331001	TD Mains Not Classified	11.05	QIIP
ADDITION	5	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	331001	TD Mains Not Classified	10.94	QIIP
ADDITION	5	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	331001	TD Mains Not Classified	-12071.66	QIIP
ADDITION	6	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	331001	TD Mains Not Classified	60	QIIP
ADDITION	5	R26-02B1.14-P-0004	DAYTON BLVD 2-6" STUB OUTS FOR FUTU	5/9/2014	2602	B	331001	TD Mains Not Classified	5263.16	QIIP
ADDITION	5	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	331001	TD Mains Not Classified	24552.25	QIIP
ADDITION	5	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	331001	TD Mains Not Classified	6233.29	QIIP
ADDITION	5	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	331001	TD Mains Not Classified	43119.31	QIIP
ADDITION	4	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	331001	TD Mains Not Classified	91982.7	QIIP
ADDITION	9	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	331001	TD Mains Not Classified	6,057.36	QIIP
ADDITION	9	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	335000	Hydrants	49.17	QIIP
ADDITION	9	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	333000	Services	67.38	QIIP
ADDITION	9	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	333000	Services	2.86	QIIP
ADDITION	9	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	331001	TD Mains Not Classified	580.91	QIIP
ADDITION	8	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	331001	TD Mains Not Classified	(23,679.59)	QIIP
ADDITION	9	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	331001	TD Mains Not Classified	(23,607.74)	QIIP
ADDITION	9	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	335000	Hydrants	(191.62)	QIIP
ADDITION	9	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	333000	Services	(262.61)	QIIP
ADDITION	9	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	335000	Hydrants	4.72	QIIP
ADDITION	9	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	331001	TD Mains Not Classified	256.88	QIIP
ADDITION	9	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	335000	Hydrants	2.09	QIIP
ADDITION	8	R26-02B1.14-P-0004	DAYTON BLVD 2-6" STUB OUTS FOR FUTU	5/9/2014	2602	B	331001	TD Mains Not Classified	(4,705.26)	QIIP
ADDITION	8	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	335000	Hydrants	191.62	QIIP
ADDITION	8	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	333000	Services	262.61	QIIP
ADDITION	8	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	331001	TD Mains Not Classified	23,607.74	QIIP
ADDITION	9	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	331001	TD Mains Not Classified	8,145.09	QIIP

ADDITION	9	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	333000 Services	90.61 QIIP
ADDITION	9	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	335000 Hydrants	66.11 QIIP
ADDITION	8	R26-02B1.14-P-0004	DAYTON BLVD 2-6" STUB OUTS FOR FUTU	5/9/2014	2602	B	331001 TD Mains Not Classified	142.60 QIIP
ADDITION	9	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	333000 Services	6.46 QIIP
ADDITION	7	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	331001 TD Mains Not Classified	60,212.30 QIIP
ADDITION	7	R26-02B1.14-P-0004	DAYTON BLVD 2-6" STUB OUTS FOR FUTU	5/9/2014	2602	B	331001 TD Mains Not Classified	(16.65) QIIP
ADDITION	7	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	333000 Services	(0.42) QIIP
ADDITION	7	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	331001 TD Mains Not Classified	(36.52) QIIP
ADDITION	7	R26-02B1.14-P-0004	DAYTON BLVD 2-6" STUB OUTS FOR FUTU	5/9/2014	2602	B	331001 TD Mains Not Classified	6,255.26 QIIP
ADDITION	7	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	331001 TD Mains Not Classified	23,679.59 QIIP
ADDITION	7	R26-02B1.14-P-0004	DAYTON BLVD 2-6" STUB OUTS FOR FUTU	5/9/2014	2602	B	331001 TD Mains Not Classified	431.04 QIIP
ADDITION	7	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	331001 TD Mains Not Classified	2,496.11 QIIP
ADDITION	7	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	333000 Services	(0.05) QIIP
ADDITION	7	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	331001 TD Mains Not Classified	(4.04) QIIP
ADDITION	7	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	331001 TD Mains Not Classified	846.20 QIIP
ADDITION	7	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	335000 Hydrants	3.81 QIIP
ADDITION	7	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	333000 Services	4.23 QIIP
ADDITION	7	R26-02B1.14-P-0001	Work Order	1/0/1900	2602	B	331001 TD Mains Not Classified	1,327.28 QIIP
ADDITION	7	R26-02B1.14-P-0004	DAYTON BLVD 2-6" STUB OUTS FOR FUTU	5/9/2014	2602	B	331001 TD Mains Not Classified	4,701.89 QIIP
ADDITION	7	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	331001 TD Mains Not Classified	9,197.79 QIIP
ADDITION	7	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	331001 TD Mains Not Classified	24,304.84 QIIP
ADDITION	7	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	331001 TD Mains Not Classified	(7.43) QIIP
ADDITION	7	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	335000 Hydrants	41.44 QIIP
ADDITION	7	R26-02B1.13-P-0024	INSTALL 6" IN CLEARVIEW,MISSION,EAS	3/7/2014	2602	B	333000 Services	45.96 QIIP
ADDITION	7	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	333000 Services	(0.09) QIIP
ADDITION	12	R26-02B1.13-P-0021	INSTALL 645'-6" MAIN IN CRESCENT PA	8/14/2014	2602	B	333000 Services	-3.46 QIIP
ADDITION	12	R26-02B1.14-P-0007	Sunbeam Ave Main Replacement. Inst	10/29/2014	2602	B	333000 Services	221.73 QIIP
ADDITION	12	R26-02B1.14-P-0007	Sunbeam Ave Main Replacement. Inst	10/29/2014	2602	B	335000 Hydrants	605.74 QIIP
ADDITION	12	R26-05B1.14-P-0002	W. GEORGIA AVE MAIN REPLACEMENT	11/20/2014	2605	B	331001 TD Mains Not Classified	96.7 QIIP
ADDITION	12	R26-05B1.14-P-0002	W. GEORGIA AVE MAIN REPLACEMENT	11/20/2014	2605	B	335000 Hydrants	-18.49 QIIP
ADDITION	12	R26-02B1.13-P-0020	INSTALL 860'-8" MAIN & FH IN CASTLE	8/15/2014	2602	B	335000 Hydrants	-203.37 QIIP
ADDITION	12	R26-02B1.13-P-0022	INSTALL 575' -6" MAIN IN 1ST AVENUE	9/12/2014	2602	B	331001 TD Mains Not Classified	-370.4 QIIP
ADDITION	12	R26-02B1.14-P-0007	Sunbeam Ave Main Replacement. Inst	10/29/2014	2602	B	331001 TD Mains Not Classified	4843.86 QIIP
ADDITION	12	R26-02B1.14-P-0007	Sunbeam Ave Main Replacement. Inst	10/29/2014	2602	B	335000 Hydrants	96.78 QIIP
ADDITION	12	R26-02B1.13-P-0020	INSTALL 860'-8" MAIN & FH IN CASTLE	8/15/2014	2602	B	331001 TD Mains Not Classified	-151.92 QIIP
ADDITION	12	R26-02B1.14-P-0007	Sunbeam Ave Main Replacement. Inst	10/29/2014	2602	B	335000 Hydrants	399.1 QIIP
ADDITION	12	R26-05B1.14-P-0002	W. GEORGIA AVE MAIN REPLACEMENT	11/20/2014	2605	B	331001 TD Mains Not Classified	-277.35 QIIP
ADDITION	10	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	335000 Hydrants	-66.11 QIIP
ADDITION	12	R26-02B1.14-P-0007	Sunbeam Ave Main Replacement. Inst	10/29/2014	2602	B	335000 Hydrants	21.97 QIIP
ADDITION	12	R26-02B1.14-P-0007	Sunbeam Ave Main Replacement. Inst	10/29/2014	2602	B	333000 Services	-4.52 QIIP
ADDITION	12	R26-02B1.14-P-0007	Sunbeam Ave Main Replacement. Inst	10/29/2014	2602	B	333000 Services	336.53 QIIP
ADDITION	12	R26-02B1.14-P-0007	Sunbeam Ave Main Replacement. Inst	10/29/2014	2602	B	335000 Hydrants	-8.13 QIIP
ADDITION	12	R26-02B1.13-P-0022	INSTALL 575' -6" MAIN IN 1ST AVENUE	9/12/2014	2602	B	333000 Services	-35.97 QIIP
ADDITION	12	R26-05B1.14-P-0002	W. GEORGIA AVE MAIN REPLACEMENT	11/20/2014	2605	B	335000 Hydrants	6.44 QIIP
ADDITION	12	R26-02B1.13-P-0021	INSTALL 645'-6" MAIN IN CRESCENT PA	8/14/2014	2602	B	331001 TD Mains Not Classified	-12.99 QIIP
ADDITION	12	R26-05B1.14-P-0002	W. GEORGIA AVE MAIN REPLACEMENT	11/20/2014	2605	B	331001 TD Mains Not Classified	58005.06 QIIP
ADDITION	12	R26-05B1.14-P-0002	W. GEORGIA AVE MAIN REPLACEMENT	11/20/2014	2605	B	335000 Hydrants	3867.01 QIIP
ADDITION	12	R26-02B1.13-P-0021	INSTALL 645'-6" MAIN IN CRESCENT PA	8/14/2014	2602	B	333000 Services	9407.96 QIIP
ADDITION	10	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	333000 Services	-90.61 QIIP
ADDITION	12	R26-02B1.13-P-0020	INSTALL 860'-8" MAIN & FH IN CASTLE	8/15/2014	2602	B	335000 Hydrants	13503.2 QIIP
ADDITION	12	R26-02B1.14-P-0007	Sunbeam Ave Main Replacement. Inst	10/29/2014	2602	B	331001 TD Mains Not Classified	19977.22 QIIP
ADDITION	12	R26-02B1.13-P-0022	INSTALL 575' -6" MAIN IN 1ST AVENUE	9/12/2014	2602	B	335000 Hydrants	4426.04 QIIP
ADDITION	12	R26-02B1.13-P-0021	INSTALL 645'-6" MAIN IN CRESCENT PA	8/14/2014	2602	B	331001 TD Mains Not Classified	35279.86 QIIP
ADDITION	12	R26-02B1.14-P-0007	Sunbeam Ave Main Replacement. Inst	10/29/2014	2602	B	331001 TD Mains Not Classified	1099.47 QIIP
ADDITION	12	R26-02B1.13-P-0020	INSTALL 860'-8" MAIN & FH IN CASTLE	8/15/2014	2602	B	333000 Services	3928.19 QIIP
ADDITION	12	R26-02B1.13-P-0020	INSTALL 860'-8" MAIN & FH IN CASTLE	8/15/2014	2602	B	331001 TD Mains Not Classified	68252.61 QIIP
ADDITION	12	R26-02B1.14-P-0007	Sunbeam Ave Main Replacement. Inst	10/29/2014	2602	B	333000 Services	12.2 QIIP
ADDITION	10	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	331001 TD Mains Not Classified	-8145.09 QIIP
ADDITION	12	R26-02B1.14-P-0007	Sunbeam Ave Main Replacement. Inst	10/29/2014	2602	B	331001 TD Mains Not Classified	30320.7 QIIP
ADDITION	12	R26-02B1.14-P-0007	Sunbeam Ave Main Replacement. Inst	10/29/2014	2602	B	331001 TD Mains Not Classified	-407.06 QIIP
ADDITION	12	R26-02B1.13-P-0020	INSTALL 860'-8" MAIN & FH IN CASTLE	8/15/2014	2602	B	333000 Services	-59.16 QIIP
ADDITION	12	R26-02B1.13-P-0021	INSTALL 645'-6" MAIN IN CRESCENT PA	8/14/2014	2602	B	331001 TD Mains Not Classified	-606.63 QIIP
ADDITION	12	R26-02B1.13-P-0022	INSTALL 575' -6" MAIN IN 1ST AVENUE	9/12/2014	2602	B	333000 Services	-14.56 QIIP
ADDITION	12	R26-02B1.13-P-0022	INSTALL 575' -6" MAIN IN 1ST AVENUE	9/12/2014	2602	B	335000 Hydrants	-13.11 QIIP
ADDITION	12	R26-02B1.13-P-0020	INSTALL 860'-8" MAIN & FH IN CASTLE	8/15/2014	2602	B	333000 Services	-8.74 QIIP
ADDITION	12	R26-02B1.13-P-0020	INSTALL 860'-8" MAIN & FH IN CASTLE	8/15/2014	2602	B	331001 TD Mains Not Classified	-1027.88 QIIP
ADDITION	12	R26-02B1.14-P-0007	Sunbeam Ave Main Replacement. Inst	10/29/2014	2602	B	333000 Services	53.76 QIIP
ADDITION	12	R26-02B1.13-P-0021	INSTALL 645'-6" MAIN IN CRESCENT PA	8/14/2014	2602	B	333000 Services	-161.77 QIIP
ADDITION	12	R26-02B1.13-P-0022	INSTALL 575' -6" MAIN IN 1ST AVENUE	9/12/2014	2602	B	335000 Hydrants	-32.37 QIIP

ADDITION	12 R26-05B1.14-P-0002	W. GEORGIA AVE MAIN REPLACEMENT	11/20/2014 2605	B	331001	TD Mains Not Classified	13047.01 QIIP
ADDITION	12 R26-05B1.14-P-0002	W. GEORGIA AVE MAIN REPLACEMENT	11/20/2014 2605	B	335000	Hydrants	869.8 QIIP
ADDITION	12 R26-02B1.13-P-0020	INSTALL 860'-8" MAIN & FH IN CASTLE	8/15/2014 2602	B	335000	Hydrants	-30.05 QIIP
ADDITION	12 R26-02B1.13-P-0022	INSTALL 575' -6" MAIN IN 1ST AVENUE	9/12/2014 2602	B	331001	TD Mains Not Classified	-150.02 QIIP
ADDITION	11 R26-02B1.14-P-0005	Silverdale Wrkhouse 12" main instal	8/18/2014 2602	B	331001	TD Mains Not Classified	104905.23 QIIP
ADDITION	11 R26-02B1.14-P-0005	Silverdale Wrkhouse 12" main instal	8/18/2014 2602	B	331001	TD Mains Not Classified	8147.98 QIIP
ADDITION	12 R26-02B1.14-P-0007	Sunbeam Ave Main Replacement. Inst	10/29/2014 2602	B	331001	TD Mains Not Classified	51365.06 QIIP
ADDITION	12 R26-02B1.14-P-0007	Sunbeam Ave Main Replacement. Inst	10/29/2014 2602	B	335000	Hydrants	1026.16 QIIP
ADDITION	12 R26-02B1.13-P-0022	INSTALL 575' -6" MAIN IN 1ST AVENUE	9/12/2014 2602	B	333000	Services	4917.82 QIIP
ADDITION	12 R26-02B1.13-P-0022	INSTALL 575' -6" MAIN IN 1ST AVENUE	9/12/2014 2602	B	331001	TD Mains Not Classified	50653.66 QIIP
ADDITION	12 R26-02B1.14-P-0007	Sunbeam Ave Main Replacement. Inst	10/29/2014 2602	B	333000	Services	570.08 QIIP
ADDITION	12 R26-02B1.14-P-0005	Silverdale Wrkhouse 12" main instal	8/18/2014 2602	B	331001	TD Mains Not Classified	6110.99 QIIP
ADDITION	12 R26-02B1.14-P-0005	Silverdale Wrkhouse 12" main instal	8/18/2014 2602	B	331001	TD Mains Not Classified	2036.99 QIIP
ADDITION	12 R26-02B1.14-P-0005	Silverdale Wrkhouse 12" main instal	8/18/2014 2602	B	331001	TD Mains Not Classified	98794.24 QIIP
ADDITION	12 R26-02B1.14-P-0005	Silverdale Wrkhouse 12" main instal	8/18/2014 2602	B	331001	TD Mains Not Classified	6110.99 QIIP
ADDITION	12 R26-02B1.14-P-0004	DAYTON BLVD 2-6" STUB OUTS FOR FUTU	5/9/2014 2602	B	331001	TD Mains Not Classified	1460.77 QIIP
ADDITION	12 R26-02B1.14-P-0004	DAYTON BLVD 2-6" STUB OUTS FOR FUTU	5/9/2014 2602	B	331001	TD Mains Not Classified	29620.92 QIIP
ADDITION	12 R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014 2602	B	333000	Services	1026.36 QIIP
ADDITION	12 R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014 2602	B	331001	TD Mains Not Classified	1262.9 QIIP
ADDITION	12 R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014 2602	B	335000	Hydrants	748.94 QIIP
ADDITION	12 R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014 2602	B	331001	TD Mains Not Classified	91002.88 QIIP
ADDITION	12 R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014 2602	B	333000	Services	765.97 QIIP
ADDITION	12 R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014 2602	B	331001	TD Mains Not Classified	566.76 QIIP
ADDITION	12 R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014 2602	B	331001	TD Mains Not Classified	65312.34 QIIP
ADDITION	12 R26-02B1.12-P-0021	AUBERNDALE MAIN EXTENSION	1/23/2013 2602	B	333000	Services	693.59 QIIP
ADDITION	12 R26-02B1.12-P-0021	AUBERNDALE MAIN EXTENSION	1/23/2013 2602	B	331001	TD Mains Not Classified	1071.2 QIIP
ADDITION	12 R26-02B1.12-P-0021	AUBERNDALE MAIN EXTENSION	1/23/2013 2602	B	331001	TD Mains Not Classified	119375.38 QIIP
ADDITION	12 R26-02B1.12-P-0013	HARLEY LANE MAIN EXTENSION	10/10/2012 2602	B	331001	TD Mains Not Classified	944.99 QIIP
ADDITION	12 R26-02B1.12-P-0013	HARLEY LANE MAIN EXTENSION	10/10/2012 2602	B	335000	Hydrants	710.75 QIIP
ADDITION	12 R26-02B1.12-P-0013	HARLEY LANE MAIN EXTENSION	10/10/2012 2602	B	331001	TD Mains Not Classified	60482.91 QIIP
ADDITION	12 R26-02B1.12-P-0008	MAIN EXTENSION LOVELL AVE	9/13/2012 2602	B	333000	Services	719.58 QIIP
ADDITION	12 R26-02B1.12-P-0008	MAIN EXTENSION LOVELL AVE	9/13/2012 2602	B	335000	Hydrants	1006.02 QIIP
ADDITION	12 R26-02B1.12-P-0008	MAIN EXTENSION LOVELL AVE	9/13/2012 2602	B	331001	TD Mains Not Classified	2701.79 QIIP
ADDITION	12 R26-02B1.12-P-0008	MAIN EXTENSION LOVELL AVE	9/13/2012 2602	B	335000	Hydrants	1476.9 QIIP
ADDITION	12 R26-02B1.12-P-0008	MAIN EXTENSION LOVELL AVE	9/13/2012 2602	B	331001	TD Mains Not Classified	59039 QIIP
ADDITION	12 R26-02B1.14-P-0004	DAYTON BLVD 2-6" STUB OUTS FOR FUTU	5/9/2014 2602	B	331001	TD Mains Not Classified	-31081.69 QIIP
ADDITION	12 R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014 2602	B	331001	TD Mains Not Classified	-66294.3 QIIP
ADDITION	12 R26-02B1.14-P-0005	Silverdale Wrkhouse 12" main instal	8/18/2014 2602	B	331001	TD Mains Not Classified	-8147.98 QIIP
ADDITION	12 R26-02B1.14-P-0005	Silverdale Wrkhouse 12" main instal	8/18/2014 2602	B	331001	TD Mains Not Classified	-104905.23 QIIP
ADDITION	12 R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014 2602	B	335000	Hydrants	-55.98 QIIP
ADDITION	12 R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014 2602	B	333000	Services	-76.7 QIIP
ADDITION	12 R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014 2602	B	331001	TD Mains Not Classified	-93908.4 QIIP
ADDITION	12 R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014 2602	B	333000	Services	-350.77 QIIP
ADDITION	12 R26-02B1.12-P-0021	AUBERNDALE MAIN EXTENSION	1/23/2013 2602	B	331001	TD Mains Not Classified	-142998.57 QIIP
ADDITION	12 R26-02B1.12-P-0021	AUBERNDALE MAIN EXTENSION	1/23/2013 2602	B	333000	Services	51.68 QIIP
ADDITION	12 R26-02B1.12-P-0008	MAIN EXTENSION LOVELL AVE	9/13/2012 2602	B	331001	TD Mains Not Classified	-63288.29 QIIP
ADDITION	12 R26-02B1.12-P-0008	MAIN EXTENSION LOVELL AVE	9/13/2012 2602	B	335000	Hydrants	-1283.14 QIIP
ADDITION	12 R26-02B1.12-P-0008	MAIN EXTENSION LOVELL AVE	9/13/2012 2602	B	333000	Services	-371.86 QIIP
ADDITION	12 R26-02B1.12-P-0013	HARLEY LANE MAIN EXTENSION	10/10/2012 2602	B	331001	TD Mains Not Classified	-62138.64 QIIP
ADDITION	12 R26-02B1.12-P-0021	AUBERNDALE MAIN EXTENSION	1/23/2013 2602	B	331001	TD Mains Not Classified	1923.33 QIIP
ADDITION	12 R26-02B1.12-P-0021	AUBERNDALE MAIN EXTENSION	1/23/2013 2602	B	333000	Services	11.08 QIIP
ADDITION	12 R26-02B1.12-P-0021	AUBERNDALE MAIN EXTENSION	1/23/2013 2602	B	331001	TD Mains Not Classified	2531 QIIP
ADDITION	12 R26-02B1.12-P-0021	AUBERNDALE MAIN EXTENSION	1/23/2013 2602	B	331001	TD Mains Not Classified	17341.31 QIIP
ADDITION	12 R26-02B1.12-P-0013	HARLEY LANE MAIN EXTENSION	10/10/2012 2602	B	331001	TD Mains Not Classified	-0.01 QIIP
ADDITION	1 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	(5,846.01) QIIP
ADDITION	1 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	(21,007.10) QIIP
ADDITION	1 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	(28,659.63) QIIP
ADDITION	1 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	1,757.53 QIIP
ADDITION	1 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	449.48 QIIP
ADDITION	1 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	402.33 QIIP
ADDITION	1 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	135.53 QIIP
ADDITION	1 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	69.29 QIIP
ADDITION	1 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	256.34 QIIP
ADDITION	1 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	1,405.40 QIIP
ADDITION	1 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	2,557.88 QIIP
ADDITION	1 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	3,063.93 QIIP
ADDITION	1 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	481.92 QIIP
ADDITION	1 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	226.36 QIIP
ADDITION	1 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	1,869.24 QIIP

ADDITION	1 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	50.03 QIIP
ADDITION	1 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	382.58 QIIP
ADDITION	1 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	14.18 QIIP
ADDITION	1 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	35.61 QIIP
ADDITION	1 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	440.55 QIIP
ADDITION	1 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	137.18 QIIP
ADDITION	1 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	960.43 QIIP
ADDITION	1 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	33.35 QIIP
ADDITION	1 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	(4,120.89) QIIP
ADDITION	1 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	(842.09) QIIP
ADDITION	1 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	861.58 QIIP
ADDITION	1 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	90.17 QIIP
ADDITION	1 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	41.36 QIIP
ADDITION	1 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	5,129.64 QIIP
ADDITION	1 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	(11,308.75) QIIP
ADDITION	1 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	554.56 QIIP
ADDITION	1 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	72.35 QIIP
ADDITION	1 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	1,208.99 QIIP
ADDITION	1 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	190.16 QIIP
ADDITION	1 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	3,655.62 QIIP
ADDITION	1 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	10,852.83 QIIP
ADDITION	1 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	12,999.97 QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	1,517.91 QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	358.86 QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	137.67 QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	(97.11) QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	1,517.91 QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	(70.23) QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	(64.75) QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	1,517.99 QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	874.94 QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	(123.68) QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	99.54 QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	(331.05) QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	(497.63) QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	1,517.91 QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	1,517.91 QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	1,517.91 QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	1,517.91 QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	1,517.91 QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	1,793.99 QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	746.61 QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	(1,184.66) QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	(140.45) QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	1,517.91 QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	705.39 QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	1,517.91 QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	1,517.91 QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	6,013.44 QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	8,855.84 QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	4,454.78 QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	(1,881.56) QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	(4,838.15) QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	(2,866.39) QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	17,332.76 QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	92,094.25 QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	148,951.35 QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	189,286.85 QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	25,394.96 QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	39,300.78 QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	18,065.69 QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	2,866.63 QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	23,532.93 QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	2,139.35 QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	51,429.47 QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	22,505.70 QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	18,184.54 QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	1,697.90 QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001	TD Mains Not Classified	228,868.80 QIIP

ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	18,173.22	QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	34,807.01	QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	4,278.72	QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	71,142.13	QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	2,866.63	QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	5,348.40	QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	15,552.81	QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	8,022.58	QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	23,190.52	QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	9,576.16	QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	4,640.92	QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	7,145.34	QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	9,584.67	QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	6,418.07	QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	31.40	QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	(146,292.01)	QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	9,120.02	QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	1,418.84	QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	(3,388.08)	QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	(291,911.93)	QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	3,616.07	QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	(678.51)	QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	(21,736.66)	QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	(92,420.85)	QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	(1,061.38)	QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	1,277.71	QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	(29.31)	QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	(391,712.72)	QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	(251,149.14)	QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	(763.47)	QIIP
ADDITION	2 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	(90.59)	QIIP
ADDITION	3 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	490.60	QIIP
ADDITION	3 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	5,332.65	QIIP
ADDITION	3 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	45.25	QIIP
ADDITION	3 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	491.84	QIIP
ADDITION	3 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	241.85	QIIP
ADDITION	3 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	2,628.81	QIIP
ADDITION	1 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	133,491.95	QIIP
ADDITION	2 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	257.28	QIIP
ADDITION	2 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	105,113.34	QIIP
ADDITION	2 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	58,601.78	QIIP
ADDITION	2 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	(51,806.10)	QIIP
ADDITION	2 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	17,447.53	QIIP
ADDITION	2 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	63,265.53	QIIP
ADDITION	3 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	1,306.77	QIIP
ADDITION	3 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	6,349.21	QIIP
ADDITION	3 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	(62,869.44)	QIIP
ADDITION	3 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	1,977.75	QIIP
ADDITION	3 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	6,095.88	QIIP
ADDITION	3 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	36,005.25	QIIP
ADDITION	3 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	2,224.99	QIIP
ADDITION	1 R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	2,723.21	QIIP
ADDITION	2 R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	2,454.02	QIIP
ADDITION	2 R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	2,874.93	QIIP
ADDITION	2 R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	7,310.22	QIIP
ADDITION	2 R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	307.31	QIIP
ADDITION	3 R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	1,152.93	QIIP
ADDITION	3 R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	(7,020.56)	QIIP
ADDITION	3 R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	(599.69)	QIIP
ADDITION	3 R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	1,165.52	QIIP
ADDITION	3 R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	1,231.92	QIIP
ADDITION	3 R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	49.81	QIIP
ADDITION	3 R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	10,544.03	QIIP
ADDITION	4 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	4254.32	QIIP
ADDITION	4 R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	4647.52	QIIP
ADDITION	4 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	-35199.21	QIIP
ADDITION	4 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	2097.23	QIIP
ADDITION	4 R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	397.97	QIIP
ADDITION	4 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	56427.78	QIIP

ADDITION	4	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	676.71 QIIP
ADDITION	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	392.38 QIIP
ADDITION	6	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	18517.58 QIIP
ADDITION	6	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	9128.51 QIIP
ADDITION	6	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	1707.93 QIIP
ADDITION	6	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	621.02 QIIP
ADDITION	6	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	1853.46 QIIP
ADDITION	6	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	1934.08 QIIP
ADDITION	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	315.35 QIIP
ADDITION	6	R26-03C1.14-P-0001	Work Order	1/0/1900 2603	C	331001 TD Mains Not Classified	2833.88 QIIP
ADDITION	6	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	3411.45 QIIP
ADDITION	4	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	1654.31 QIIP
ADDITION	5	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	812.93 QIIP
ADDITION	6	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	6285.66 QIIP
ADDITION	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	817.67 QIIP
ADDITION	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	1658.67 QIIP
ADDITION	4	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	724.97 QIIP
ADDITION	4	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	848.97 QIIP
ADDITION	6	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	37803.47 QIIP
ADDITION	6	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	464.55 QIIP
ADDITION	6	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	953.43 QIIP
ADDITION	6	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	-9283.18 QIIP
ADDITION	6	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	231.05 QIIP
ADDITION	6	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	2505.05 QIIP
ADDITION	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	1685.38 QIIP
ADDITION	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	3418.87 QIIP
ADDITION	4	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	5063.86 QIIP
ADDITION	5	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	9492.21 QIIP
ADDITION	5	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	754.33 QIIP
ADDITION	5	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	8178.49 QIIP
ADDITION	5	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	4031.7 QIIP
ADDITION	5	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	4124.9 QIIP
ADDITION	5	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	6900.2 QIIP
ADDITION	5	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	728.96 QIIP
ADDITION	5	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	7903.58 QIIP
ADDITION	5	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	3896.19 QIIP
ADDITION	6	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	3664.26 QIIP
ADDITION	5	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	2247.28 QIIP
ADDITION	5	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	174.81 QIIP
ADDITION	5	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	1895.28 QIIP
ADDITION	5	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	934.3 QIIP
ADDITION	5	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	-56427.78 QIIP
ADDITION	5	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	3159.85 QIIP
ADDITION	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	152.98 QIIP
ADDITION	5	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	984.18 QIIP
ADDITION	5	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	178.07 QIIP
ADDITION	5	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	1930.64 QIIP
ADDITION	5	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	951.74 QIIP
ADDITION	5	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	391.38 QIIP
ADDITION	5	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	22353.77 QIIP
ADDITION	5	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	567.29 QIIP
ADDITION	5	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	7643.18 QIIP
ADDITION	5	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	238.71 QIIP
ADDITION	5	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	1275.86 QIIP
ADDITION	6	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	178.39 QIIP
ADDITION	5	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	2588.13 QIIP
ADDITION	4	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	3505.69 QIIP
ADDITION	4	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	355.93 QIIP
ADDITION	6	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	1234.91 QIIP
ADDITION	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	10355.84 QIIP
ADDITION	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	5105.06 QIIP
ADDITION	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	955.15 QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	302.61 QIIP
ADDITION	8	R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	146.80 QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	20,593.33 QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	8,597.46 QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	980.13 QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	295.42 QIIP
ADDITION	9	R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	15.52 QIIP

ADDITION	9 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	10.39	QIIP
ADDITION	9 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	10.39	QIIP
ADDITION	9 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	33.68	QIIP
ADDITION	9 R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	672.68	QIIP
ADDITION	9 R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	2,499.38	QIIP
ADDITION	9 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	12,029.40	QIIP
ADDITION	9 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	631.98	QIIP
ADDITION	9 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	423.41	QIIP
ADDITION	9 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	701.52	QIIP
ADDITION	9 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	36.86	QIIP
ADDITION	9 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	24.69	QIIP
ADDITION	9 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	24.69	QIIP
ADDITION	9 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	79.97	QIIP
ADDITION	9 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	1,200.93	QIIP
ADDITION	9 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	505.70	QIIP
ADDITION	9 R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	843.50	QIIP
ADDITION	9 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	6,586.32	QIIP
ADDITION	9 R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	4,213.88	QIIP
ADDITION	9 R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	4,281.96	QIIP
ADDITION	9 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	231.83	QIIP
ADDITION	9 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	14,718.14	QIIP
ADDITION	9 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	302.61	QIIP
ADDITION	9 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	(14,599.04)	QIIP
ADDITION	9 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	(766.98)	QIIP
ADDITION	9 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	(513.86)	QIIP
ADDITION	9 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	(513.86)	QIIP
ADDITION	9 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	(1,664.33)	QIIP
ADDITION	9 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	(24,992.36)	QIIP
ADDITION	8 R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	1,509.13	QIIP
ADDITION	8 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	13,392.90	QIIP
ADDITION	8 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	703.62	QIIP
ADDITION	8 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	471.40	QIIP
ADDITION	8 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	471.40	QIIP
ADDITION	8 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	1,526.83	QIIP
ADDITION	8 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	22,927.55	QIIP
ADDITION	8 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	480.93	QIIP
ADDITION	8 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	480.93	QIIP
ADDITION	8 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	1,557.68	QIIP
ADDITION	8 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	23,390.91	QIIP
ADDITION	8 R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	86.57	QIIP
ADDITION	9 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	346.02	QIIP
ADDITION	8 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	(10,038.51)	QIIP
ADDITION	8 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	(51,478.03)	QIIP
ADDITION	8 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	(410.53)	QIIP
ADDITION	8 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	(4,450.99)	QIIP
ADDITION	8 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	(2,194.18)	QIIP
ADDITION	9 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	423.41	QIIP
ADDITION	9 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	1,371.38	QIIP
ADDITION	9 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	231.83	QIIP
ADDITION	9 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	451.69	QIIP
ADDITION	9 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	750.87	QIIP
ADDITION	9 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	11,275.26	QIIP
ADDITION	8 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	3,045.43	QIIP
ADDITION	8 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	160.00	QIIP
ADDITION	8 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	107.19	QIIP
ADDITION	8 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	107.19	QIIP
ADDITION	8 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	347.19	QIIP
ADDITION	8 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	5,213.53	QIIP
ADDITION	8 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	(37.77)	QIIP
ADDITION	8 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	(409.49)	QIIP
ADDITION	8 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	(201.86)	QIIP
ADDITION	8 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	15,278.31	QIIP
ADDITION	8 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	802.67	QIIP
ADDITION	8 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	537.77	QIIP
ADDITION	8 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	537.77	QIIP
ADDITION	8 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	1,741.77	QIIP
ADDITION	8 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	26,155.22	QIIP
ADDITION	9 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	134.85	QIIP
ADDITION	9 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	7.09	QIIP

ADDITION	9 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	4.75	QIIP
ADDITION	9 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	15.38	QIIP
ADDITION	9 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	230.89	QIIP
ADDITION	9 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	4.75	QIIP
ADDITION	7 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	4,327.34	QIIP
ADDITION	7 R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	723.58	QIIP
ADDITION	7 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	(34,890.40)	QIIP
ADDITION	7 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	255.34	QIIP
ADDITION	7 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	2,768.38	QIIP
ADDITION	7 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	1,364.71	QIIP
ADDITION	7 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	90,823.12	QIIP
ADDITION	7 R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	693.64	QIIP
ADDITION	7 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	2,093.40	QIIP
ADDITION	7 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	140.46	QIIP
ADDITION	7 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	1,522.86	QIIP
ADDITION	7 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	750.71	QIIP
ADDITION	7 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	6,816.92	QIIP
ADDITION	8 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	13,663.57	QIIP
ADDITION	8 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	717.84	QIIP
ADDITION	7 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	13,784.42	QIIP
ADDITION	7 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	6,795.22	QIIP
ADDITION	7 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	5,238.27	QIIP
ADDITION	7 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	3,458.79	QIIP
ADDITION	7 R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	6,815.99	QIIP
ADDITION	7 R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900 2602	C	331001 TD Mains Not Classified	1,271.39	QIIP
ADDITION	11 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	-773.29	QIIP
ADDITION	11 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	16.33	QIIP
ADDITION	11 R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	2978.9	QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	261.52	QIIP
ADDITION	11 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	310.89	QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	-44.32	QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	-27081.36	QIIP
ADDITION	11 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	944.3	QIIP
ADDITION	12 R26-02C1.15-P-0001	Work Order	1/0/1900 2602	C	331001 TD Mains Not Classified	1728.2	QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	483.49	QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	169.19	QIIP
ADDITION	12 R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	512.18	QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	-138.64	QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	-7.28	QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	26622.73	QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	-388.77	QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	-1803.45	QIIP
ADDITION	11 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	10.94	QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	1225.91	QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	-396.71	QIIP
ADDITION	11 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	62.88	QIIP
ADDITION	11 R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	71.35	QIIP
ADDITION	11 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	-37610.42	QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	483.49	QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	-592.12	QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	356.03	QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	1772.9	QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	-11270.67	QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	17315.71	QIIP
ADDITION	12 R26-02C1.14-P-0002	MEMORIAL DRIVE 16" MAIN REPAIR	9/22/2014 2602	C	331001 TD Mains Not Classified	-152.71	QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	-20.42	QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	261.52	QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	547.38	QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	-556.82	QIIP
ADDITION	12 R26-02C1.14-P-0002	MEMORIAL DRIVE 16" MAIN REPAIR	9/22/2014 2602	C	331001 TD Mains Not Classified	-76.38	QIIP
ADDITION	11 R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	420.9	QIIP
ADDITION	11 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	10.94	QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	23334.48	QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	39946.7	QIIP
ADDITION	11 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	19.42	QIIP
ADDITION	11 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	-1154.21	QIIP
ADDITION	11 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	-2504.62	QIIP
ADDITION	12 R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	1613.32	QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	721.66	QIIP

ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	1565.99 QIIP
ADDITION	12 R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	583.91 QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	348.54 QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	252.53 QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	8228.88 QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	118.67 QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	348.54 QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	1153.12 QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	15551.41 QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	1128.87 QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	531.4 QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	356.03 QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	11.05 QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	11.05 QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	314.01 QIIP
ADDITION	10 R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	1347.77 QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	-13.68 QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	390.35 QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	-665.52 QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	847.05 QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	12719.63 QIIP
ADDITION	10 R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	8026.29 QIIP
ADDITION	12 R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	184.32 QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	-15819.26 QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	-556.82 QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	893.12 QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	275.75 QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	411.59 QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	7834.13 QIIP
ADDITION	11 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	532.2 QIIP
ADDITION	11 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	35.44 QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	821.33 QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	2660.19 QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	821.33 QIIP
ADDITION	11 R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	696.59 QIIP
ADDITION	11 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	551.59 QIIP
ADDITION	11 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	28.98 QIIP
ADDITION	11 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	19.42 QIIP
ADDITION	11 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	-21969.77 QIIP
ADDITION	11 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	-773.29 QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	16951.64 QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	7430.05 QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	-13.68 QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	-396.71 QIIP
ADDITION	12 R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	-58.51 QIIP
ADDITION	12 R26-02C1.14-P-0002	MEMORIAL DRIVE 16" MAIN REPAIR	9/22/2014 2602	C	331001 TD Mains Not Classified	18038.85 QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	13736.45 QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	23515.65 QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	-4.88 QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	-237.34 QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	-15.81 QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	4806.83 QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	79.51 QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	169.19 QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	2258.7 QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	79.51 QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	3866.74 QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	257.5 QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	547.99 QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	16.49 QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	817.02 QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	10114.77 QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	547.38 QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	-4.88 QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	537.54 QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	520.22 QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	35.8 QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	3528.1 QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	234.95 QIIP

ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	72.54 QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	72.54 QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	108.27 QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	2060.91 QIIP
ADDITION	12 R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	2382.81 QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	9902.14 QIIP
ADDITION	10 R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	1196.12 QIIP
ADDITION	11 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	957.74 QIIP
ADDITION	11 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	31208.37 QIIP
ADDITION	11 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	2078.28 QIIP
ADDITION	11 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	641.66 QIIP
ADDITION	11 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	641.66 QIIP
ADDITION	11 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	18230.08 QIIP
ADDITION	11 R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	1386.72 QIIP
ADDITION	11 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	323.74 QIIP
ADDITION	11 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	15745.62 QIIP
ADDITION	11 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	1048.56 QIIP
ADDITION	11 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	323.74 QIIP
ADDITION	11 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	483.21 QIIP
ADDITION	11 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	9197.65 QIIP
ADDITION	10 R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	5387.35 QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	12.02 QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	-19294.49 QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	17.94 QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	341.5 QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	584.61 QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	38.93 QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	12.02 QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	275.75 QIIP
ADDITION	12 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	-831.1 QIIP
ADDITION	10 R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	-2911.7 QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	-1284.89 QIIP
ADDITION	11 R26-05C1.14-P-0001	Unscheduled Main Replacements	1/0/1900 2605	C	331001 TD Mains Not Classified	2752.76 QIIP
ADDITION	11 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	4973.96 QIIP
ADDITION	11 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	331.23 QIIP
ADDITION	11 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	102.27 QIIP
ADDITION	11 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	102.27 QIIP
ADDITION	11 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	152.64 QIIP
ADDITION	11 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	2905.5 QIIP
ADDITION	10 R26-02C1.14-P-0001	Mains-Unscheduled	1/0/1900 2602	C	331001 TD Mains Not Classified	13411.43 QIIP
ADDITION	2 R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014 2602	D	331001 TD Mains Not Classified	110.67 QIIP
ADDITION	2 R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014 2602	D	331001 TD Mains Not Classified	110.69 QIIP
ADDITION	2 R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014 2602	D	331001 TD Mains Not Classified	8,094.19 QIIP
ADDITION	2 R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014 2602	D	331001 TD Mains Not Classified	8,094.22 QIIP
ADDITION	2 R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014 2602	D	331001 TD Mains Not Classified	(4.23) QIIP
ADDITION	2 R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014 2602	D	331001 TD Mains Not Classified	(4.23) QIIP
ADDITION	2 R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014 2602	D	331001 TD Mains Not Classified	655.55 QIIP
ADDITION	2 R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014 2602	D	331001 TD Mains Not Classified	655.56 QIIP
ADDITION	2 R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014 2602	D	331001 TD Mains Not Classified	5,481.37 QIIP
ADDITION	2 R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014 2602	D	331001 TD Mains Not Classified	5,481.37 QIIP
ADDITION	3 R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014 2602	D	331001 TD Mains Not Classified	208.51 QIIP
ADDITION	3 R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014 2602	D	331001 TD Mains Not Classified	208.52 QIIP
ADDITION	3 R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014 2602	D	331001 TD Mains Not Classified	2,322.14 QIIP
ADDITION	3 R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014 2602	D	331001 TD Mains Not Classified	2,322.15 QIIP
ADDITION	3 R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014 2602	D	331001 TD Mains Not Classified	(5,536.09) QIIP
ADDITION	3 R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014 2602	D	331001 TD Mains Not Classified	(5,536.10) QIIP
ADDITION	3 R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014 2602	D	331001 TD Mains Not Classified	3,159.23 QIIP
ADDITION	3 R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014 2602	D	331001 TD Mains Not Classified	3,159.23 QIIP
ADDITION	3 R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014 2602	D	331001 TD Mains Not Classified	(0.91) QIIP
ADDITION	3 R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014 2602	D	331001 TD Mains Not Classified	(0.91) QIIP
ADDITION	4 R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014 2602	D	331001 TD Mains Not Classified	17816.54 QIIP
ADDITION	4 R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014 2602	D	331001 TD Mains Not Classified	-3159.23 QIIP
ADDITION	4 R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014 2602	D	331001 TD Mains Not Classified	42.16 QIIP
ADDITION	4 R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014 2602	D	331001 TD Mains Not Classified	290.65 QIIP
ADDITION	6 R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014 2602	D	331001 TD Mains Not Classified	991.1 QIIP
ADDITION	6 R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014 2602	D	333000 Services	16.59 QIIP
ADDITION	6 R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014 2602	D	331001 TD Mains Not Classified	78.6 QIIP
ADDITION	4 R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014 2602	D	331001 TD Mains Not Classified	-7.62 QIIP
ADDITION	4 R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014 2602	D	331001 TD Mains Not Classified	-3159.23 QIIP

ADDITION	4	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	331001 TD Mains Not Classified	5498.35 QIIP
ADDITION	6	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001 TD Mains Not Classified	854.35 QIIP
ADDITION	4	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001 TD Mains Not Classified	290.65 QIIP
ADDITION	6	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001 TD Mains Not Classified	78.6 QIIP
ADDITION	6	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	331001 TD Mains Not Classified	-1461.79 QIIP
ADDITION	5	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	331001 TD Mains Not Classified	34.37 QIIP
ADDITION	5	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	331001 TD Mains Not Classified	-6.37 QIIP
ADDITION	6	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	331001 TD Mains Not Classified	876.49 QIIP
ADDITION	6	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	333000 Services	14.67 QIIP
ADDITION	6	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001 TD Mains Not Classified	854.36 QIIP
ADDITION	5	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	331001 TD Mains Not Classified	-17816.54 QIIP
ADDITION	6	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	331001 TD Mains Not Classified	1058.46 QIIP
ADDITION	6	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	333000 Services	17.71 QIIP
ADDITION	5	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	331001 TD Mains Not Classified	8.22 QIIP
ADDITION	5	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	331001 TD Mains Not Classified	10447.61 QIIP
ADDITION	5	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	331001 TD Mains Not Classified	-111.82 QIIP
ADDITION	4	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	331001 TD Mains Not Classified	25.64 QIIP
ADDITION	4	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001 TD Mains Not Classified	3159.22 QIIP
ADDITION	4	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001 TD Mains Not Classified	3159.23 QIIP
ADDITION	7	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	331001 TD Mains Not Classified	6.15 QIIP
ADDITION	7	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	333000 Services	0.10 QIIP
ADDITION	7	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	331001 TD Mains Not Classified	66.80 QIIP
ADDITION	7	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	333000 Services	1.12 QIIP
ADDITION	12	R26-02D1.14-P-0011	Seneca Ave Offset 8" Main around 2	11/21/2014	2602	D	331001 TD Mains Not Classified	-7.04 QIIP
ADDITION	12	R26-02D1.14-P-0011	Seneca Ave Offset 8" Main around 2	11/21/2014	2602	D	331001 TD Mains Not Classified	2314.02 QIIP
ADDITION	12	R26-02D1.14-P-0011	Seneca Ave Offset 8" Main around 2	11/21/2014	2602	D	331001 TD Mains Not Classified	18226.88 QIIP
ADDITION	12	R26-02D1.14-P-0011	Seneca Ave Offset 8" Main around 2	11/21/2014	2602	D	331001 TD Mains Not Classified	-10.28 QIIP
ADDITION	12	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	333000 Services	288.33 QIIP
ADDITION	12	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	331001 TD Mains Not Classified	830.17 QIIP
ADDITION	12	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	331001 TD Mains Not Classified	16399.44 QIIP
ADDITION	12	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001 TD Mains Not Classified	681.37 QIIP
ADDITION	12	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001 TD Mains Not Classified	17222.54 QIIP
ADDITION	12	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001 TD Mains Not Classified	13412.54 QIIP
ADDITION	12	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001 TD Mains Not Classified	111.68 QIIP
ADDITION	12	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	331001 TD Mains Not Classified	-17467.75 QIIP
ADDITION	12	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	333000 Services	-50.19 QIIP
ADDITION	12	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001 TD Mains Not Classified	-8204.86 QIIP
ADDITION	12	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001 TD Mains Not Classified	-8204.91 QIIP
ADDITION	12	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001 TD Mains Not Classified	-443.52 QIIP
ADDITION	12	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001 TD Mains Not Classified	-443.54 QIIP
ADDITION	12	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001 TD Mains Not Classified	-6132.69 QIIP
ADDITION	12	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001 TD Mains Not Classified	-932.95 QIIP
ADDITION	12	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001 TD Mains Not Classified	-932.96 QIIP
ADDITION	12	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001 TD Mains Not Classified	-6132.7 QIIP
ADDITION	1	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-Bl	1/0/1900	2602	E	335000 Hydrants	(11.63) EDI
ADDITION	1	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-Bl	1/0/1900	2602	E	335000 Hydrants	(389.18) EDI
ADDITION	1	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-Bl	1/0/1900	2602	E	331001 TD Mains Not Classified	(496.69) EDI
ADDITION	1	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-Bl	1/0/1900	2602	E	331001 TD Mains Not Classified	(14.85) EDI
ADDITION	2	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-Bl	1/0/1900	2602	E	335000 Hydrants	140.00 EDI
ADDITION	2	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-Bl	1/0/1900	2602	E	331001 TD Mains Not Classified	178.68 EDI
ADDITION	2	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-Bl	1/0/1900	2602	E	335000 Hydrants	413.58 EDI
ADDITION	2	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-Bl	1/0/1900	2602	E	331001 TD Mains Not Classified	527.80 EDI
ADDITION	3	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-Bl	1/0/1900	2602	E	335000 Hydrants	6.65 EDI
ADDITION	3	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-Bl	1/0/1900	2602	E	331001 TD Mains Not Classified	8.48 EDI
ADDITION	3	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-Bl	1/0/1900	2602	E	335000 Hydrants	72.28 EDI
ADDITION	3	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-Bl	1/0/1900	2602	E	331001 TD Mains Not Classified	92.23 EDI
ADDITION	1	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000 Hydrants	1,673.00 EDI
ADDITION	2	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000 Hydrants	3,445.48 EDI
ADDITION	2	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000 Hydrants	470.90 EDI
ADDITION	2	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000 Hydrants	630.00 EDI
ADDITION	3	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000 Hydrants	(630.00) EDI
ADDITION	1	R26-05E1.14-P-0001	Work Order	1/0/1900	2605	E	335000 Hydrants	2,360.05 EDI
ADDITION	2	R26-05E1.14-P-0001	Work Order	1/0/1900	2605	E	335000 Hydrants	230.10 EDI
ADDITION	2	R26-05E1.14-P-0001	Work Order	1/0/1900	2605	E	335000 Hydrants	238.29 EDI
ADDITION	4	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000 Hydrants	4.4 EDI
ADDITION	4	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000 Hydrants	47.79 EDI
ADDITION	4	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-Bl	1/0/1900	2602	E	331001 TD Mains Not Classified	634.19 EDI
ADDITION	4	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-Bl	1/0/1900	2602	E	335000 Hydrants	496.93 EDI
ADDITION	6	R26-02E1.14-P-0004	Inserta Valve 8" on Windtower Lane	6/23/2014	2602	E	331001 TD Mains Not Classified	25.57 EDI

ADDITION	6	R26-02E1.14-P-0003	Install a inserta valve at Moccasin	6/30/2014	2602	E	331001	TD Mains Not Classified	5962.51 EDI
ADDITION	6	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-Bl	1/0/1900	2602	E	335000	Hydrants	74.77 EDI
ADDITION	6	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-Bl	1/0/1900	2602	E	331001	TD Mains Not Classified	95.42 EDI
ADDITION	4	R26-05E1.14-P-0001	Work Order	1/0/1900	2605	E	335000	Hydrants	237.37 EDI
ADDITION	6	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-Bl	1/0/1900	2602	E	335000	Hydrants	812.69 EDI
ADDITION	6	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-Bl	1/0/1900	2602	E	331001	TD Mains Not Classified	1037.16 EDI
ADDITION	6	R26-02E1.14-P-0003	Install a inserta valve at Moccasin	6/30/2014	2602	E	331001	TD Mains Not Classified	17.97 EDI
ADDITION	6	R26-02E1.14-P-0004	Inserta Valve 8" on Windtower Lane	6/23/2014	2602	E	331001	TD Mains Not Classified	18.39 EDI
ADDITION	4	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	2220.1 EDI
ADDITION	5	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	8143.42 EDI
ADDITION	5	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-Bl	1/0/1900	2602	E	335000	Hydrants	-2866.39 EDI
ADDITION	5	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-Bl	1/0/1900	2602	E	331001	TD Mains Not Classified	-3658.11 EDI
ADDITION	6	R26-02E1.14-P-0004	Inserta Valve 8" on Windtower Lane	6/23/2014	2602	E	331001	TD Mains Not Classified	6225.38 EDI
ADDITION	5	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	315 EDI
ADDITION	5	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	785.92 EDI
ADDITION	5	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-Bl	1/0/1900	2602	E	335000	Hydrants	-263.71 EDI
ADDITION	5	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-Bl	1/0/1900	2602	E	331001	TD Mains Not Classified	-336.54 EDI
ADDITION	5	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	-2220.1 EDI
ADDITION	4	R26-05E1.14-P-0001	Work Order	1/0/1900	2605	E	335000	Hydrants	2580.07 EDI
ADDITION	5	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	84.15 EDI
ADDITION	4	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-Bl	1/0/1900	2602	E	335000	Hydrants	5401.46 EDI
ADDITION	4	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-Bl	1/0/1900	2602	E	331001	TD Mains Not Classified	6893.34 EDI
ADDITION	9	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	0.83 EDI
ADDITION	9	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	185.86 EDI
ADDITION	9	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	0.16 EDI
ADDITION	9	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	977.49 EDI
ADDITION	9	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	(11.13) EDI
ADDITION	9	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	(9.22) EDI
ADDITION	9	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	(1.75) EDI
ADDITION	9	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	1,179.59 EDI
ADDITION	9	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	2,490.72 EDI
ADDITION	9	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	473.60 EDI
ADDITION	9	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	1.01 EDI
ADDITION	9	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	(1,078.51) EDI
ADDITION	9	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	(205.07) EDI
ADDITION	7	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-Bl	1/0/1900	2602	E	335000	Hydrants	165.10 EDI
ADDITION	8	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	1,128.23 EDI
ADDITION	8	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	934.93 EDI
ADDITION	8	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	177.78 EDI
ADDITION	8	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-Bl	1/0/1900	2602	E	335000	Hydrants	149.84 EDI
ADDITION	8	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-Bl	1/0/1900	2602	E	331001	TD Mains Not Classified	191.23 EDI
ADDITION	8	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	821.96 EDI
ADDITION	8	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	681.13 EDI
ADDITION	8	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	129.51 EDI
ADDITION	8	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	(1,764.17) EDI
ADDITION	9	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	(1,301.49) EDI
ADDITION	8	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	123.52 EDI
ADDITION	8	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	102.36 EDI
ADDITION	8	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	19.46 EDI
ADDITION	8	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-Bl	1/0/1900	2602	E	335000	Hydrants	13.79 EDI
ADDITION	8	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-Bl	1/0/1900	2602	E	331001	TD Mains Not Classified	17.59 EDI
ADDITION	8	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	936.45 EDI
ADDITION	8	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	147.55 EDI
ADDITION	8	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	776.00 EDI
ADDITION	7	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	1,962.60 EDI
ADDITION	7	R26-05E1.14-P-0001	Work Order	1/0/1900	2605	E	335000	Hydrants	90.97 EDI
ADDITION	7	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-Bl	1/0/1900	2602	E	335000	Hydrants	15.19 EDI
ADDITION	7	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-Bl	1/0/1900	2602	E	331001	TD Mains Not Classified	19.38 EDI
ADDITION	9	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	3,005.68 EDI
ADDITION	7	R26-05E1.14-P-0001	Work Order	1/0/1900	2605	E	335000	Hydrants	988.75 EDI
ADDITION	7	R26-02E1.13-P-0001	Hydrants Valves and Manholes-New-Bl	1/0/1900	2602	E	331001	TD Mains Not Classified	210.69 EDI
ADDITION	10	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	688.39 EDI
ADDITION	11	R26-02E1.14-P-0005	RELOCATE FH ON CHICKAMAUGA AVE @GRA	11/7/2014	2602	E	335000	Hydrants	1581.67 EDI
ADDITION	12	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	30.11 EDI
ADDITION	10	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000	Hydrants	350.45 EDI
ADDITION	12	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	0.36 EDI
ADDITION	10	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	830.72 EDI
ADDITION	12	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001	TD Mains Not Classified	61.32 EDI
ADDITION	12	R26-02E1.15-P-0001	Work Order	1/0/1900	2602	E	335000	Hydrants	772.95 EDI

ADDITION	12	R26-02E1.14-P-0005	RELOCATE FH ON CHICKAMAUGA AVE @GRA	11/7/2014	2602	E	335000 Hydrants	-297.44 EDI
ADDITION	10	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000 Hydrants	1664.4 EDI
ADDITION	11	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001 TD Mains Not Classified	15.5 EDI
ADDITION	11	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001 TD Mains Not Classified	-76.28 EDI
ADDITION	10	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001 TD Mains Not Classified	66.64 EDI
ADDITION	12	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001 TD Mains Not Classified	0.26 EDI
ADDITION	12	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001 TD Mains Not Classified	1.69 EDI
ADDITION	12	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001 TD Mains Not Classified	2.25 EDI
ADDITION	10	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001 TD Mains Not Classified	2008.52 EDI
ADDITION	12	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000 Hydrants	-53.18 EDI
ADDITION	10	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000 Hydrants	-2905.21 EDI
ADDITION	11	R26-02E1.14-P-0005	RELOCATE FH ON CHICKAMAUGA AVE @GRA	11/7/2014	2602	E	335000 Hydrants	470.53 EDI
ADDITION	11	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001 TD Mains Not Classified	2.44 EDI
ADDITION	11	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000 Hydrants	-401.19 EDI
ADDITION	12	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000 Hydrants	24.95 EDI
ADDITION	12	R26-02E1.14-P-0005	RELOCATE FH ON CHICKAMAUGA AVE @GRA	11/7/2014	2602	E	335000 Hydrants	12.96 EDI
ADDITION	12	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000 Hydrants	1.39 EDI
ADDITION	12	R26-05E1.14-P-0001	Work Order	1/0/1900	2605	E	335000 Hydrants	45.92 EDI
ADDITION	10	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001 TD Mains Not Classified	316.47 EDI
ADDITION	12	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001 TD Mains Not Classified	-64.16 EDI
ADDITION	12	R26-05E1.14-P-0001	Work Order	1/0/1900	2605	E	335000 Hydrants	-2.44 EDI
ADDITION	12	R26-02E1.15-P-0001	Work Order	1/0/1900	2602	E	335000 Hydrants	-3.78 EDI
ADDITION	10	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001 TD Mains Not Classified	15.85 EDI
ADDITION	10	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000 Hydrants	83.39 EDI
ADDITION	12	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000 Hydrants	-322.48 EDI
ADDITION	12	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001 TD Mains Not Classified	-61.32 EDI
ADDITION	10	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001 TD Mains Not Classified	100.65 EDI
ADDITION	12	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001 TD Mains Not Classified	-389.15 EDI
ADDITION	12	R26-02E1.14-P-0005	RELOCATE FH ON CHICKAMAUGA AVE @GRA	11/7/2014	2602	E	335000 Hydrants	207.72 EDI
ADDITION	11	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000 Hydrants	12.85 EDI
ADDITION	11	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001 TD Mains Not Classified	-484.16 EDI
ADDITION	12	R26-05E1.14-P-0001	Work Order	1/0/1900	2605	E	335000 Hydrants	499.13 EDI
ADDITION	12	R26-02E1.14-P-0005	RELOCATE FH ON CHICKAMAUGA AVE @GRA	11/7/2014	2602	E	335000 Hydrants	-28.92 EDI
ADDITION	10	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001 TD Mains Not Classified	130.89 EDI
ADDITION	12	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001 TD Mains Not Classified	4.74 EDI
ADDITION	10	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001 TD Mains Not Classified	422.91 EDI
ADDITION	12	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000 Hydrants	1.87 EDI
ADDITION	12	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001 TD Mains Not Classified	389.15 EDI
ADDITION	12	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000 Hydrants	322.48 EDI
ADDITION	10	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001 TD Mains Not Classified	-6.52 EDI
ADDITION	10	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000 Hydrants	-34.27 EDI
ADDITION	10	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001 TD Mains Not Classified	-41.34 EDI
ADDITION	11	R26-02E1.14-P-0005	RELOCATE FH ON CHICKAMAUGA AVE @GRA	11/7/2014	2602	E	335000 Hydrants	438.37 EDI
ADDITION	11	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001 TD Mains Not Classified	36.19 EDI
ADDITION	11	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	335000 Hydrants	190.36 EDI
ADDITION	11	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001 TD Mains Not Classified	229.72 EDI
ADDITION	11	R26-02E1.14-P-0005	RELOCATE FH ON CHICKAMAUGA AVE @GRA	11/7/2014	2602	E	335000 Hydrants	318.74 EDI
ADDITION	10	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001 TD Mains Not Classified	-552.41 EDI
ADDITION	10	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001 TD Mains Not Classified	-3505.87 EDI
ADDITION	12	R26-02E1.14-P-0001	Hydrants - Valves and Manholes-New	1/0/1900	2602	E	331001 TD Mains Not Classified	-10.12 EDI
ADDITION	11	R26-02E1.14-P-0005	RELOCATE FH ON CHICKAMAUGA AVE @GRA	11/7/2014	2602	E	335000 Hydrants	3927.79 EDI
ADDITION	2	R26-02F1.07-P-0011	Hyd & Vlvs-Repl-East Ridge TN ALL	1/0/1900	2602	F	331001 TD Mains Not Classified	22.92 QIIP
ADDITION	2	R26-02F1.07-P-0011	Hyd & Vlvs-Repl-East Ridge TN ALL	1/0/1900	2602	F	331001 TD Mains Not Classified	22.92 QIIP
ADDITION	2	R26-02F1.07-P-0011	Hyd & Vlvs-Repl-East Ridge TN ALL	1/0/1900	2602	F	335000 Hydrants	22.94 QIIP
ADDITION	1	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	19.65 QIIP
ADDITION	1	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	213.57 QIIP
ADDITION	1	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	15,197.94 QIIP
ADDITION	2	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	769.88 QIIP
ADDITION	2	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	(6,236.04) QIIP
ADDITION	2	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	10,853.63 QIIP
ADDITION	3	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	675.26 QIIP
ADDITION	3	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	6,332.32 QIIP
ADDITION	3	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	9,748.94 QIIP
ADDITION	3	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	(9,092.30) QIIP
ADDITION	3	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000 Hydrants	4,129.96 QIIP
ADDITION	3	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000 Hydrants	2,145.86 QIIP
ADDITION	3	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000 Hydrants	577.38 QIIP
ADDITION	5	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000 Hydrants	37.23 QIIP
ADDITION	6	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	439.4 QIIP

ADDITION	4	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000 Hydrants	1046.13 QIIP
ADDITION	5	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	1268.78 QIIP
ADDITION	4	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	10151.48 QIIP
ADDITION	6	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	4557.79 QIIP
ADDITION	6	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000 Hydrants	142.15 QIIP
ADDITION	6	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	-219.7 QIIP
ADDITION	4	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000 Hydrants	11370.99 QIIP
ADDITION	4	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	4261.38 QIIP
ADDITION	6	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000 Hydrants	2841.45 QIIP
ADDITION	6	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	16525.79 QIIP
ADDITION	6	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	-2251.54 QIIP
ADDITION	5	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000 Hydrants	404.65 QIIP
ADDITION	4	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	-9492.63 QIIP
ADDITION	4	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	2656.9 QIIP
ADDITION	5	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	944.28 QIIP
ADDITION	5	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	-10151.48 QIIP
ADDITION	6	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	614.85 QIIP
ADDITION	5	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	3974.54 QIIP
ADDITION	4	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	693.55 QIIP
ADDITION	6	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000 Hydrants	274.49 QIIP
ADDITION	5	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000 Hydrants	2841.45 QIIP
ADDITION	5	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	4157.21 QIIP
ADDITION	5	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	5020.61 QIIP
ADDITION	4	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	363.97 QIIP
ADDITION	7	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000 Hydrants	(2,841.45) QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	5,381.08 QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	220.61 QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	(77,082.42) QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	171.88 QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	(0.15) QIIP
ADDITION	9	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000 Hydrants	1,566.46 QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	126.08 QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	1,366.74 QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	1,002.51 QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	(2,462.17) QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	27.56 QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	48.23 QIIP
ADDITION	9	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000 Hydrants	144.11 QIIP
ADDITION	7	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	5,643.17 QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	319.45 QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	10,000.48 QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	234.30 QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	1,176.37 QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	(1,806.03) QIIP
ADDITION	8	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000 Hydrants	161.91 QIIP
ADDITION	8	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	69.97 QIIP
ADDITION	8	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	2,190.98 QIIP
ADDITION	8	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	51.34 QIIP
ADDITION	8	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	89.83 QIIP
ADDITION	8	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	2,520.52 QIIP
ADDITION	8	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	78,908.63 QIIP
ADDITION	8	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	1,848.81 QIIP
ADDITION	8	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	3,235.11 QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	42,787.97 QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	1,754.23 QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	(3,160.24) QIIP
ADDITION	8	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	(19,918.72) QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	410.00 QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	(0.20) QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	(6.30) QIIP
ADDITION	8	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000 Hydrants	14.90 QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	(0.26) QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	37.58 QIIP
ADDITION	8	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	19.11 QIIP
ADDITION	8	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	598.35 QIIP
ADDITION	8	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	14.02 QIIP
ADDITION	8	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	24.53 QIIP
ADDITION	8	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	160.59 QIIP
ADDITION	8	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	5,027.15 QIIP

ADDITION	8	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	206.10 QIIP
ADDITION	8	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	117.78 QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	(0.91) QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	(28.39) QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	(0.67) QIIP
ADDITION	9	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	(1.16) QIIP
ADDITION	7	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	393.96 QIIP
ADDITION	7	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	(15,168.93) QIIP
ADDITION	7	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	24,815.66 QIIP
ADDITION	7	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	2,072.82 QIIP
ADDITION	7	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	9,599.20 QIIP
ADDITION	7	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	5,537.46 QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	105.28 QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	69.34 QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	-219.76 QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	94.54 QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	180.7 QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	284.13 QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	-10.51 QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	121.19 QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	-43155.38 QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	60.42 QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	-6485.97 QIIP
ADDITION	12	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000 Hydrants	-32.78 QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	69.26 QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	246.35 QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	-207.17 QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	8875.46 QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	319.02 QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	9987.07 QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	43.54 QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	221.37 QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	-256.25 QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	14.69 QIIP
ADDITION	12	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000 Hydrants	202.36 QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	9662.85 QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	308.65 QIIP
ADDITION	12	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000 Hydrants	2084.65 QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	-1378.47 QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	2967.17 QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	-161.19 QIIP
ADDITION	12	R26-02F1.15-P-0001	Work Order	1/0/1900	2602	F	335000 Hydrants	-30.44 QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	2956.09 QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	-1011.12 QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	7712.43 QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	-1769.3 QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	1891.53 QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	-151.97 QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	283.5 QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	363.88 QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	233.99 QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	1858.38 QIIP
ADDITION	12	R26-02F1.14-P-0003	Purchase (2) 6" Wheel Valves	9/26/2014	2602	F	331001 TD Mains Not Classified	882.99 QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	59.36 QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	162.37 QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	20.03 QIIP
ADDITION	11	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000 Hydrants	64.6 QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	2959.65 QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	7 QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	25.71 QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	298.92 QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	9.55 QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	121.34 QIIP
ADDITION	10	R26-05F1.14-P-0001	Work Order	1/0/1900	2605	F	335000 Hydrants	3410.48 QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	121.65 QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	335000 Hydrants	-6879.77 QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	94.78 QIIP
ADDITION	12	R26-02F1.15-P-0001	Work Order	1/0/1900	2602	F	335000 Hydrants	6216.54 QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900	2602	F	331001 TD Mains Not Classified	69.52 QIIP

ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900 2602	F	331001 TD Mains Not Classified	94.43 QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900 2602	F	335000 Hydrants	316.19 QIIP
ADDITION	11	R26-05F1.14-P-0001	Work Order	1/0/1900 2605	F	335000 Hydrants	319.71 QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900 2602	F	331001 TD Mains Not Classified	44.32 QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900 2602	F	335000 Hydrants	77.55 QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900 2602	F	335000 Hydrants	-265.91 QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900 2602	F	331001 TD Mains Not Classified	207.95 QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900 2602	F	331001 TD Mains Not Classified	-8.18 QIIP
ADDITION	10	R26-05F1.14-P-0001	Work Order	1/0/1900 2605	F	335000 Hydrants	1018.55 QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900 2602	F	335000 Hydrants	627.15 QIIP
ADDITION	12	R26-05F1.14-P-0001	Work Order	1/0/1900 2605	F	335000 Hydrants	114.9 QIIP
ADDITION	12	R26-02F1.14-P-0002	CENTRAL AVE 20" VALVE REPLACEMENT	7/30/2014 2602	F	331001 TD Mains Not Classified	-0.22 QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900 2602	F	331001 TD Mains Not Classified	-6 QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900 2602	F	331001 TD Mains Not Classified	143.52 QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900 2602	F	335000 Hydrants	4493.29 QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900 2602	F	335000 Hydrants	184.22 QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900 2602	F	335000 Hydrants	409.45 QIIP
ADDITION	12	R26-02F1.14-P-0002	CENTRAL AVE 20" VALVE REPLACEMENT	7/30/2014 2602	F	331001 TD Mains Not Classified	-350.68 QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900 2602	F	331001 TD Mains Not Classified	226.4 QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900 2602	F	335000 Hydrants	76.19 QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900 2602	F	335000 Hydrants	6930.22 QIIP
ADDITION	10	R26-05F1.14-P-0001	Work Order	1/0/1900 2605	F	335000 Hydrants	93.71 QIIP
ADDITION	12	R26-02F1.14-P-0002	CENTRAL AVE 20" VALVE REPLACEMENT	7/30/2014 2602	F	331001 TD Mains Not Classified	15281.12 QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900 2602	F	335000 Hydrants	12.26 QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900 2602	F	335000 Hydrants	396.16 QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900 2602	F	335000 Hydrants	41.25 QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900 2602	F	331001 TD Mains Not Classified	23.57 QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900 2602	F	335000 Hydrants	1006.06 QIIP
ADDITION	10	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900 2602	F	331001 TD Mains Not Classified	32.13 QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900 2602	F	335000 Hydrants	1358.78 QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900 2602	F	331001 TD Mains Not Classified	776.52 QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900 2602	F	335000 Hydrants	33142.46 QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900 2602	F	331001 TD Mains Not Classified	1058.64 QIIP
ADDITION	11	R26-05F1.14-P-0001	Work Order	1/0/1900 2605	F	335000 Hydrants	114.9 QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900 2602	F	335000 Hydrants	-825.59 QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900 2602	F	331001 TD Mains Not Classified	-471.81 QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900 2602	F	335000 Hydrants	-20137.23 QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900 2602	F	331001 TD Mains Not Classified	-643.23 QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900 2602	F	335000 Hydrants	430.73 QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900 2602	F	331001 TD Mains Not Classified	246.15 QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900 2602	F	335000 Hydrants	10506.05 QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900 2602	F	331001 TD Mains Not Classified	335.58 QIIP
ADDITION	12	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900 2602	F	335000 Hydrants	-282.05 QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900 2602	F	335000 Hydrants	147.46 QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900 2602	F	331001 TD Mains Not Classified	84.27 QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900 2602	F	335000 Hydrants	3596.86 QIIP
ADDITION	11	R26-02F1.14-P-0001	Hydrants Valves and Manholes-Rep	1/0/1900 2602	F	331001 TD Mains Not Classified	114.9 QIIP
ADDITION	2	R26-02G1.07-P-0011	3/4 New Services AS	1/0/1900 2602	G	333000 Services	1,161.00
ADDITION	2	R26-02G1.07-P-0011	3/4 New Services AS	1/0/1900 2602	G	333000 Services	106.81
ADDITION	2	R26-02G1.07-P-0011	3/4 New Services AS	1/0/1900 2602	G	333000 Services	1,161.00
ADDITION	2	R26-02G1.07-P-0011	3/4 New Services AS	1/0/1900 2602	G	333000 Services	106.81
ADDITION	2	R26-02G1.07-P-0011	3/4 New Services AS	1/0/1900 2602	G	333000 Services	106.81
ADDITION	2	R26-02G1.07-P-0011	3/4 New Services AS	1/0/1900 2602	G	333000 Services	1,160.96
ADDITION	1	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	1,022.03
ADDITION	1	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	7,142.65
ADDITION	2	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	1,039.51
ADDITION	2	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	883.88
ADDITION	2	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	1,039.51
ADDITION	2	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	883.87
ADDITION	2	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	1,039.50
ADDITION	2	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	883.88
ADDITION	2	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	883.88
ADDITION	2	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	1,039.51
ADDITION	2	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	20,288.00
ADDITION	2	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	70,526.78
ADDITION	2	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	182,265.81
ADDITION	2	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	(19,996.67)
ADDITION	2	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	(225,331.40)
ADDITION	2	R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	(8,164.68)

ADDITION	2 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	(19,996.60)
ADDITION	2 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	(19,996.67)
ADDITION	3 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	1,698.91
ADDITION	3 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	156.30
ADDITION	3 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	156.30
ADDITION	3 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	156.30
ADDITION	3 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	1,698.92
ADDITION	3 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	1,698.91
ADDITION	3 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	156.30
ADDITION	3 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	1,698.91
ADDITION	1 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	6,024.86
ADDITION	1 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	4,994.34
ADDITION	1 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	1,013.77
ADDITION	1 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	24,558.15
ADDITION	2 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	3,560.12
ADDITION	2 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	15,160.86
ADDITION	2 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	28,224.45
ADDITION	3 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	450.31
ADDITION	3 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	549.12
ADDITION	3 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	78.36
ADDITION	3 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	(670.83)
ADDITION	3 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	117.55
ADDITION	3 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	675.45
ADDITION	3 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	823.67
ADDITION	3 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	(1,006.25)
ADDITION	3 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	1,535.84
ADDITION	3 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	8,825.34
ADDITION	3 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	10,761.90
ADDITION	3 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	(13,147.34)
ADDITION	2 R26-05G1.14-P-0001	Work Order	1/0/1900 2605	G	333000 Services	1,108.70
ADDITION	2 R26-05G1.14-P-0001	Work Order	1/0/1900 2605	G	333000 Services	479.98
ADDITION	3 R26-05G1.14-P-0001	Work Order	1/0/1900 2605	G	333000 Services	277.28
ADDITION	3 R26-05G1.14-P-0001	Work Order	1/0/1900 2605	G	333000 Services	266.97
ADDITION	3 R26-05G1.14-P-0001	Work Order	1/0/1900 2605	G	333000 Services	50.07
ADDITION	5 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	-500.45
ADDITION	5 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	-6538.8
ADDITION	4 R26-05G1.14-P-0001	Work Order	1/0/1900 2605	G	333000 Services	105.67
ADDITION	4 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	1277.18
ADDITION	4 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	851.45
ADDITION	4 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	42.47
ADDITION	4 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	2402.82
ADDITION	4 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	12469.49
ADDITION	6 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	230.15
ADDITION	6 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	3007.02
ADDITION	4 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	1235.32
ADDITION	4 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	122.6
ADDITION	5 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	-333.64
ADDITION	4 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	636.25
ADDITION	6 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	911.72
ADDITION	6 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	11912.28
ADDITION	6 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	607.81
ADDITION	6 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	962.67
ADDITION	6 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	12578.07
ADDITION	6 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	641.79
ADDITION	6 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	189.09
ADDITION	6 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	20676.15
ADDITION	6 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	567.25
ADDITION	6 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	153.43
ADDITION	6 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	1902.21
ADDITION	4 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	42.47
ADDITION	4 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	183.91
ADDITION	6 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	1589.18
ADDITION	6 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	20763.73
ADDITION	6 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	1059.45
ADDITION	5 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	412.69
ADDITION	5 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	45126.74
ADDITION	5 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	1238.06
ADDITION	4 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	954.36
ADDITION	4 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	16687.21

ADDITION	5 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	2630.23
ADDITION	5 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	34365.77
ADDITION	5 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	1753.48
ADDITION	5 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	37.97
ADDITION	5 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	4151.66
ADDITION	5 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	113.9
ADDITION	6 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	17.39
ADDITION	6 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	52.19
ADDITION	4 R26-05G1.14-P-0001	Work Order	1/0/1900 2605	G	333000 Services	1148.58
ADDITION	5 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	627.19
ADDITION	5 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	8194.68
ADDITION	5 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	418.13
ADDITION	4 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	-101.91
ADDITION	4 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	-1331.43
ADDITION	4 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	-67.93
ADDITION	4 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	461.62
ADDITION	4 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	13427.39
ADDITION	4 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	461.63
ADDITION	8 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	(289.83)
ADDITION	9 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	486.82
ADDITION	8 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	(7.22)
ADDITION	7 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	234.53
ADDITION	8 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	(3.10)
ADDITION	7 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	117.27
ADDITION	9 R26-05G1.14-P-0001	Work Order	1/0/1900 2605	G	333000 Services	314.63
ADDITION	7 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	18,548.66
ADDITION	7 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	(449.88)
ADDITION	9 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	730.25
ADDITION	9 R26-05G1.14-P-0001	Work Order	1/0/1900 2605	G	333000 Services	28.95
ADDITION	9 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	131.78
ADDITION	9 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	1,721.87
ADDITION	8 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	574.89
ADDITION	7 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	(674.81)
ADDITION	8 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	383.26
ADDITION	8 R26-05G1.14-P-0001	Work Order	1/0/1900 2605	G	333000 Services	22.27
ADDITION	9 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	(8.94)
ADDITION	8 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	7,511.32
ADDITION	8 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	5,508.41
ADDITION	8 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	71,971.19
ADDITION	8 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	3,672.27
ADDITION	8 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	(33.65)
ADDITION	8 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	(8.41)
ADDITION	8 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	(3,150.41)
ADDITION	8 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	(78.50)
ADDITION	8 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	(33.65)
ADDITION	8 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	1,545.16
ADDITION	8 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	20,188.61
ADDITION	8 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	1,030.11
ADDITION	7 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	58.63
ADDITION	7 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	547.16
ADDITION	7 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	234.55
ADDITION	9 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	87.86
ADDITION	8 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	(1.55)
ADDITION	8 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	(3.10)
ADDITION	8 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	(0.77)
ADDITION	8 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	1,771.75
ADDITION	8 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	23,149.12
ADDITION	8 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	1,181.16
ADDITION	9 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	(0.68)
ADDITION	9 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	(0.46)
ADDITION	9 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	9,541.09
ADDITION	7 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	(8,816.90)
ADDITION	8 R26-05G1.14-P-0001	Work Order	1/0/1900 2605	G	333000 Services	242.11
ADDITION	8 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	(16.82)
ADDITION	7 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	216.86
ADDITION	7 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	2,833.47
ADDITION	7 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	144.58
ADDITION	7 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	21.58
ADDITION	7 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	5.39

ADDITION	7 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	1,706.47
ADDITION	7 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	50.34
ADDITION	7 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	10.79
ADDITION	7 R26-02G1.13-P-0001	Services and Laterals-New - Blanket	1/0/1900 2602	G	333000 Services	21.58
ADDITION	7 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	1,442.83
ADDITION	7 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	18,851.72
ADDITION	7 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	961.90
ADDITION	12 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	29.76
ADDITION	12 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	145.68
ADDITION	12 R26-03G1.14-P-0001	Work Order	1/0/1900 2603	G	333000 Services	-3.67
ADDITION	10 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	138.58
ADDITION	10 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	233.85
ADDITION	12 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	21.99
ADDITION	12 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	48.56
ADDITION	12 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	-9.99
ADDITION	11 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	75.63
ADDITION	12 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	3242.85
ADDITION	12 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	-344.06
ADDITION	10 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	68099.06
ADDITION	12 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	97.12
ADDITION	12 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	10584.52
ADDITION	12 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	-725.96
ADDITION	12 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	-10
ADDITION	12 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	145.7
ADDITION	12 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	344.88
ADDITION	12 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	344.86
ADDITION	12 R26-05G1.14-P-0001	Work Order	1/0/1900 2605	G	333000 Services	-3.37
ADDITION	11 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	50.43
ADDITION	12 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	44.63
ADDITION	10 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	92.39
ADDITION	12 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	21.99
ADDITION	12 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	1597.86
ADDITION	12 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	7.33
ADDITION	12 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	-688.11
ADDITION	12 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	-74990.33
ADDITION	12 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	-6.66
ADDITION	12 R26-05G1.14-P-0001	Work Order	1/0/1900 2605	G	333000 Services	32.72
ADDITION	12 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	145.68
ADDITION	12 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	229.92
ADDITION	12 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	114.96
ADDITION	12 R26-02G1.15-P-0001	Work Order	1/0/1900 2602	G	333000 Services	-2.86
ADDITION	12 R26-05G1.14-P-0001	Work Order	1/0/1900 2605	G	333000 Services	355.69
ADDITION	11 R26-05G1.14-P-0001	Work Order	1/0/1900 2605	G	333000 Services	30.62
ADDITION	11 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	75.64
ADDITION	11 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	4465.67
ADDITION	12 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	44.64
ADDITION	12 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	44.63
ADDITION	12 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	14.88
ADDITION	10 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	12192.68
ADDITION	12 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	-3.33
ADDITION	12 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	-9.99
ADDITION	10 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	3609.03
ADDITION	12 R26-03G1.14-P-0001	Work Order	1/0/1900 2603	G	333000 Services	69
ADDITION	10 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	2614.96
ADDITION	12 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	14.66
ADDITION	10 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	1743.3
ADDITION	12 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	22
ADDITION	12 R26-03G1.14-P-0001	Work Order	1/0/1900 2603	G	333000 Services	750
ADDITION	12 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	-1032.15
ADDITION	12 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	-1032.17
ADDITION	12 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	-1032.17
ADDITION	10 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	468.19
ADDITION	10 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	312.13
ADDITION	10 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	155.91
ADDITION	10 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	6090.16
ADDITION	11 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	1015.08
ADDITION	11 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	89894.29
ADDITION	11 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	1522.62
ADDITION	11 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	1522.61

ADDITION	11 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	439.02	
ADDITION	11 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	38878.68	
ADDITION	11 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	658.52	
ADDITION	11 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	658.52	
ADDITION	12 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	25056.45	
ADDITION	12 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	344.88	
ADDITION	12 R26-02G1.15-P-0001	Work Order	1/0/1900 2602	G	333000 Services	584.05	
ADDITION	11 R26-05G1.14-P-0001	Work Order	1/0/1900 2605	G	333000 Services	332.82	
ADDITION	11 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	38.25	
ADDITION	11 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	3387.01	
ADDITION	11 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	57.37	
ADDITION	11 R26-02G1.14-P-0001	Services and Laterals-New	1/0/1900 2602	G	333000 Services	57.37	
ADDITION	1 R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900 2602	H	333000 Services	87,686.21	QIIP
ADDITION	1 R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900 2602	H	333000 Services	1,277.20	QIIP
ADDITION	1 R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900 2602	H	333000 Services	1,074.64	QIIP
ADDITION	1 R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900 2602	H	333000 Services	10,482.19	QIIP
ADDITION	2 R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900 2602	H	333000 Services	3,214.38	QIIP
ADDITION	2 R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900 2602	H	333000 Services	(50,883.32)	QIIP
ADDITION	2 R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900 2602	H	333000 Services	79,941.02	QIIP
ADDITION	3 R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900 2602	H	333000 Services	1,122.94	QIIP
ADDITION	3 R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900 2602	H	333000 Services	1,932.94	QIIP
ADDITION	3 R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900 2602	H	333000 Services	54,992.28	QIIP
ADDITION	3 R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900 2602	H	333000 Services	(67,906.60)	QIIP
ADDITION	1 R26-05H1.14-P-0001	Work Order	1/0/1900 2605	H	333000 Services	4,847.41	QIIP
ADDITION	2 R26-05H1.14-P-0001	Work Order	1/0/1900 2605	H	333000 Services	2,326.89	QIIP
ADDITION	2 R26-05H1.14-P-0001	Work Order	1/0/1900 2605	H	333000 Services	260.34	QIIP
ADDITION	3 R26-05H1.14-P-0001	Work Order	1/0/1900 2605	H	333000 Services	2,877.26	QIIP
ADDITION	3 R26-05H1.14-P-0001	Work Order	1/0/1900 2605	H	333000 Services	472.68	QIIP
ADDITION	3 R26-05H1.14-P-0001	Work Order	1/0/1900 2605	H	333000 Services	2,260.54	QIIP
ADDITION	4 R26-05H1.14-P-0001	Work Order	1/0/1900 2605	H	333000 Services	788.14	QIIP
ADDITION	6 R26-05H1.14-P-0001	Work Order	1/0/1900 2605	H	333000 Services	3953.39	QIIP
ADDITION	4 R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900 2602	H	333000 Services	-52740.14	QIIP
ADDITION	4 R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900 2602	H	333000 Services	287.69	QIIP
ADDITION	4 R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900 2602	H	333000 Services	1009.99	QIIP
ADDITION	6 R26-05H1.14-P-0001	Work Order	1/0/1900 2605	H	333000 Services	363.71	QIIP
ADDITION	4 R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900 2602	H	333000 Services	65444.85	QIIP
ADDITION	6 R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900 2602	H	333000 Services	1174.4	QIIP
ADDITION	6 R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900 2602	H	333000 Services	-9996.9	QIIP
ADDITION	6 R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900 2602	H	333000 Services	99297.89	QIIP
ADDITION	5 R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900 2602	H	333000 Services	-50479.56	QIIP
ADDITION	5 R26-05H1.14-P-0001	Work Order	1/0/1900 2605	H	333000 Services	3805.39	QIIP
ADDITION	6 R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900 2602	H	333000 Services	520.23	QIIP
ADDITION	5 R26-05H1.14-P-0001	Work Order	1/0/1900 2605	H	333000 Services	350.1	QIIP
ADDITION	5 R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900 2602	H	333000 Services	2584.05	QIIP
ADDITION	4 R26-05H1.14-P-0001	Work Order	1/0/1900 2605	H	333000 Services	8566.74	QIIP
ADDITION	5 R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900 2602	H	333000 Services	14477.19	QIIP
ADDITION	9 R26-05H1.14-P-0001	Work Order	1/0/1900 2605	H	333000 Services	825.22	QIIP
ADDITION	9 R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900 2602	H	333000 Services	(1,407.50)	QIIP
ADDITION	8 R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900 2602	H	333000 Services	708.27	QIIP
ADDITION	9 R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900 2602	H	333000 Services	5.03	QIIP
ADDITION	8 R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900 2602	H	333000 Services	31,918.67	QIIP
ADDITION	8 R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900 2602	H	333000 Services	63,373.82	QIIP
ADDITION	7 R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900 2602	H	333000 Services	(83,008.40)	QIIP
ADDITION	8 R26-05H1.14-P-0001	Work Order	1/0/1900 2605	H	333000 Services	155.07	QIIP
ADDITION	9 R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900 2602	H	333000 Services	(19,252.69)	QIIP
ADDITION	8 R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900 2602	H	333000 Services	24,897.31	QIIP
ADDITION	8 R26-05H1.14-P-0001	Work Order	1/0/1900 2605	H	333000 Services	1,685.49	QIIP
ADDITION	7 R26-05H1.14-P-0001	Work Order	1/0/1900 2605	H	333000 Services	1,209.09	QIIP
ADDITION	7 R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900 2602	H	333000 Services	2,086.09	QIIP
ADDITION	7 R26-05H1.14-P-0001	Work Order	1/0/1900 2605	H	333000 Services	599.43	QIIP
ADDITION	7 R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900 2602	H	333000 Services	6,588.67	QIIP
ADDITION	9 R26-05H1.14-P-0001	Work Order	1/0/1900 2605	H	333000 Services	9,382.92	QIIP
ADDITION	7 R26-05H1.14-P-0001	Work Order	1/0/1900 2605	H	333000 Services	12,542.86	QIIP
ADDITION	12 R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900 2602	H	333000 Services	1509.87	QIIP
ADDITION	11 R26-05H1.14-P-0001	Work Order	1/0/1900 2605	H	333000 Services	-240.27	QIIP
ADDITION	12 R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900 2602	H	333000 Services	-471.61	QIIP
ADDITION	12 R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900 2602	H	333000 Services	-1448.85	QIIP
ADDITION	12 R26-02H1.15-P-0001	Work Order	1/0/1900 2602	H	333000 Services	-1.87	QIIP
ADDITION	11 R26-05H1.14-P-0001	Work Order	1/0/1900 2605	H	333000 Services	1113.49	QIIP

ADDITION	11 R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900 2602	H	333000	Services	4296.73 QIIP
ADDITION	10 R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900 2602	H	333000	Services	6160.05 QIIP
ADDITION	10 R26-05H1.14-P-0001	Work Order	1/0/1900 2605	H	333000	Services	5384.33 QIIP
ADDITION	12 R26-05H1.14-P-0001	Work Order	1/0/1900 2605	H	333000	Services	870.55 QIIP
ADDITION	12 R26-05H1.14-P-0001	Work Order	1/0/1900 2605	H	333000	Services	-145.02 QIIP
ADDITION	12 R26-05H1.14-P-0001	Work Order	1/0/1900 2605	H	333000	Services	4312.36 QIIP
ADDITION	12 R26-05H1.14-P-0001	Work Order	1/0/1900 2605	H	333000	Services	7246.95 QIIP
ADDITION	10 R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900 2602	H	333000	Services	19685.88 QIIP
ADDITION	10 R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900 2602	H	333000	Services	2280.9 QIIP
ADDITION	10 R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900 2602	H	333000	Services	20351.25 QIIP
ADDITION	10 R26-05H1.14-P-0001	Work Order	1/0/1900 2605	H	333000	Services	8051.89 QIIP
ADDITION	10 R26-05H1.14-P-0001	Work Order	1/0/1900 2605	H	333000	Services	740.77 QIIP
ADDITION	11 R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900 2602	H	333000	Services	19083.91 QIIP
ADDITION	11 R26-05H1.14-P-0001	Work Order	1/0/1900 2605	H	333000	Services	5150.09 QIIP
ADDITION	11 R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900 2602	H	333000	Services	22873.35 QIIP
ADDITION	12 R26-02H1.15-P-0001	Work Order	1/0/1900 2602	H	333000	Services	380.94 QIIP
ADDITION	12 R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900 2602	H	333000	Services	19617.96 QIIP
ADDITION	11 R26-05H1.14-P-0001	Work Order	1/0/1900 2605	H	333000	Services	6959.08 QIIP
ADDITION	11 R26-02H1.14-P-0001	Services and Laterals-Replaced	1/0/1900 2602	H	333000	Services	11044.35 QIIP
ADDITION	1 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334100	Meters	7,005.41
ADDITION	1 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334200	Meter Installations	675.41
ADDITION	1 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334200	Meter Installations	8,293.84
ADDITION	1 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334100	Meters	570.49
ADDITION	1 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334100	Meters	2.00
ADDITION	1 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334200	Meter Installations	4.00
ADDITION	1 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334200	Meter Installations	8.00
ADDITION	1 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334100	Meters	3.99
ADDITION	1 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334200	Meter Installations	0.33
ADDITION	1 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334100	Meters	0.16
ADDITION	1 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334200	Meter Installations	0.65
ADDITION	1 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334100	Meters	0.32
ADDITION	2 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334200	Meter Installations	474.57
ADDITION	2 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334200	Meter Installations	474.58
ADDITION	2 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334100	Meters	474.58
ADDITION	2 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334200	Meter Installations	474.58
ADDITION	2 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334100	Meters	474.58
ADDITION	2 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334200	Meter Installations	474.58
ADDITION	2 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334100	Meters	474.58
ADDITION	2 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334100	Meters	6,695.07
ADDITION	2 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334200	Meter Installations	821.85
ADDITION	2 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334100	Meters	128,452.76
ADDITION	2 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334200	Meter Installations	163.92
ADDITION	2 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334100	Meters	725.94
ADDITION	2 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334200	Meter Installations	302.92
ADDITION	2 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334100	Meters	1,426.15
ADDITION	2 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334200	Meter Installations	67,790.28
ADDITION	2 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334200	Meter Installations	32.87
ADDITION	2 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334100	Meters	32.84
ADDITION	2 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334200	Meter Installations	32.87
ADDITION	2 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334200	Meter Installations	32.87
ADDITION	2 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334100	Meters	16.41
ADDITION	2 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334200	Meter Installations	(4,959.44)
ADDITION	2 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334100	Meters	(7,575.90)
ADDITION	2 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334200	Meter Installations	(8,969.25)
ADDITION	2 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334100	Meters	(188.11)
ADDITION	2 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334200	Meter Installations	(376.83)
ADDITION	2 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334100	Meters	(4.31)
ADDITION	2 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334200	Meter Installations	(8.65)
ADDITION	2 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334200	Meter Installations	(130,511.52)
ADDITION	2 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334100	Meters	(73,313.47)
ADDITION	2 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334200	Meter Installations	(4.33)
ADDITION	2 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334100	Meters	(2.16)
ADDITION	2 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334200	Meter Installations	(300.67)
ADDITION	2 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334100	Meters	(150.07)
ADDITION	3 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334200	Meter Installations	1,617.61
ADDITION	3 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334100	Meters	1,617.61
ADDITION	3 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334100	Meters	148.82
ADDITION	3 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334200	Meter Installations	148.82
ADDITION	3 R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900 2602	I	334200	Meter Installations	1,617.59

ADDITION	3	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200 Meter Installations 1,617.61
ADDITION	3	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200 Meter Installations 148.82
ADDITION	3	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100 Meters 148.82
ADDITION	3	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200 Meter Installations 148.82
ADDITION	3	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100 Meters 1,617.61
ADDITION	3	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200 Meter Installations 148.82
ADDITION	3	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100 Meters 148.82
ADDITION	3	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200 Meter Installations 1,617.61
ADDITION	3	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100 Meters 1,617.61
ADDITION	1	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 21.94
ADDITION	1	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 238.46
ADDITION	1	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 6,239.56
ADDITION	2	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 2,814.14
ADDITION	2	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 25,482.37
ADDITION	2	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 828.97
ADDITION	3	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters 45.72
ADDITION	3	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 14.49
ADDITION	3	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters 7.23
ADDITION	3	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 22.78
ADDITION	3	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters 65.51
ADDITION	3	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters 11.37
ADDITION	3	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 131.27
ADDITION	3	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 91.62
ADDITION	3	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters 68.58
ADDITION	3	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters 17.05
ADDITION	3	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 34.17
ADDITION	3	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 137.42
ADDITION	3	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters 10.85
ADDITION	3	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 21.74
ADDITION	3	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters 98.28
ADDITION	3	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 196.90
ADDITION	3	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 441.48
ADDITION	3	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters 175.72
ADDITION	3	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 1,775.65
ADDITION	3	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters 706.75
ADDITION	3	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 280.89
ADDITION	3	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters 111.80
ADDITION	3	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 2,544.27
ADDITION	3	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters 1,012.68
ADDITION	2	R26-05I1.14-P-0001	Meters - New	1/0/1900	2605	I	334200 Meter Installations 601.84
ADDITION	2	R26-05I1.14-P-0001	Meters - New	1/0/1900	2605	I	334200 Meter Installations 6,541.74
ADDITION	3	R26-05I1.14-P-0001	Meters - New	1/0/1900	2605	I	334200 Meter Installations 939.03
ADDITION	3	R26-05I1.14-P-0001	Meters - New	1/0/1900	2605	I	334200 Meter Installations 86.39
ADDITION	4	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 280.89
ADDITION	4	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters 10.85
ADDITION	6	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 165.28
ADDITION	4	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters 111.8
ADDITION	4	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 14.49
ADDITION	6	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100 Meters 16.69
ADDITION	6	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters 6.38
ADDITION	4	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100 Meters 16.17
ADDITION	4	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100 Meters 16.17
ADDITION	4	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 21.74
ADDITION	4	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters -10.85
ADDITION	4	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters -7.23
ADDITION	4	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters -111.8
ADDITION	6	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100 Meters 516.4
ADDITION	4	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200 Meter Installations 935.84
ADDITION	4	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200 Meter Installations 32.42
ADDITION	4	R26-05I1.14-P-0001	Meters - New	1/0/1900	2605	I	334200 Meter Installations 13.04
ADDITION	5	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200 Meter Installations 226.72
ADDITION	4	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters 7.23
ADDITION	4	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200 Meter Installations 10172.2
ADDITION	4	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100 Meters 4387.76
ADDITION	4	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200 Meter Installations 352.26
ADDITION	4	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations -21.74
ADDITION	4	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200 Meter Installations 352.26
ADDITION	6	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 8.53
ADDITION	5	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100 Meters 339.45

ADDITION	6	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters 65.79
ADDITION	6	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 12.79
ADDITION	6	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters 4.26
ADDITION	6	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100 Meters 5.55
ADDITION	6	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200 Meter Installations 33.44
ADDITION	4	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100 Meters 175.81
ADDITION	6	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200 Meter Installations 11.15
ADDITION	6	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 1796.55
ADDITION	6	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters 69.39
ADDITION	6	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters 715.08
ADDITION	6	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 139.04
ADDITION	6	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters 46.26
ADDITION	6	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100 Meters 60.47
ADDITION	6	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200 Meter Installations 363.46
ADDITION	6	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200 Meter Installations 13145.94
ADDITION	6	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100 Meters 5613.03
ADDITION	6	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200 Meter Installations 121.15
ADDITION	6	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100 Meters 181.4
ADDITION	4	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations -14.49
ADDITION	4	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200 Meter Installations 32.41
ADDITION	4	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100 Meters 403.67
ADDITION	5	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100 Meters 10503.73
ADDITION	5	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations -280.89
ADDITION	5	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters -10.85
ADDITION	5	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters -111.8
ADDITION	5	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations -14.49
ADDITION	5	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations -21.74
ADDITION	5	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100 Meters 113.14
ADDITION	5	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200 Meter Installations 680.15
ADDITION	5	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200 Meter Installations 24600.18
ADDITION	5	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters -7.23
ADDITION	6	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200 Meter Installations 1209.43
ADDITION	4	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100 Meters 175.81
ADDITION	6	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 92.68
ADDITION	5	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100 Meters 10.41
ADDITION	5	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200 Meter Installations 2263.22
ADDITION	5	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100 Meters 966.34
ADDITION	5	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200 Meter Installations 20.86
ADDITION	5	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200 Meter Installations 62.57
ADDITION	5	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100 Meters 31.23
ADDITION	4	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations -280.89
ADDITION	4	R26-05I1.14-P-0001	Meters - New	1/0/1900	2605	I	334200 Meter Installations 141.7
ADDITION	4	R26-02I1.14-P-0002	PURCHASE 4" METER FOR TN VALLEY ICE	4/15/2014	2602	I	334200 Meter Installations 2163.25
ADDITION	9	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters 263.04
ADDITION	7	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100 Meters 99.91
ADDITION	8	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200 Meter Installations (1.80)
ADDITION	9	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters 2,710.50
ADDITION	8	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200 Meter Installations (3.59)
ADDITION	9	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 351.34
ADDITION	9	R26-02I1.14-P-0005	purchase and install 8" meter - Als	8/1/2014	2602	I	334200 Meter Installations (12,887.73)
ADDITION	8	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100 Meters (1.79)
ADDITION	7	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200 Meter Installations 200.18
ADDITION	9	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 6,809.86
ADDITION	9	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 32.33
ADDITION	9	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters 249.36
ADDITION	9	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 48.49
ADDITION	9	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters 16.13
ADDITION	7	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100 Meters 6,119.77
ADDITION	7	R26-02I1.14-P-0003	8" Mstr Mtr The Springs at Chatt on	7/31/2014	2602	I	334100 Meters 6,300.55
ADDITION	9	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters 175.35
ADDITION	7	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100 Meters 49.96
ADDITION	7	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200 Meter Installations 200.18
ADDITION	8	R26-02I1.14-P-0005	purchase and install 8" meter - Als	8/1/2014	2602	I	334200 Meter Installations 25,775.46
ADDITION	8	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 778.78
ADDITION	8	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 15,094.59
ADDITION	8	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters 583.03
ADDITION	8	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters 6,008.03
ADDITION	8	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 1,168.18
ADDITION	8	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters 388.69

ADDITION	8	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100 Meters (4.86)
ADDITION	8	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200 Meter Installations (39.08)
ADDITION	8	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200 Meter Installations (19.53)
ADDITION	8	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100 Meters (19.50)
ADDITION	8	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200 Meter Installations (3,744.40)
ADDITION	8	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100 Meters (1,437.78)
ADDITION	8	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200 Meter Installations (39.08)
ADDITION	8	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100 Meters (9.75)
ADDITION	8	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200 Meter Installations (9.77)
ADDITION	8	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100 Meters (19.50)
ADDITION	9	R26-02I1.14-P-0005	purchase and install 8" meter - Als	8/1/2014	2602	I	334200 Meter Installations (1,185.67)
ADDITION	9	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 626.50
ADDITION	8	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 14.49
ADDITION	8	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 280.89
ADDITION	8	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters 10.85
ADDITION	8	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters 111.80
ADDITION	8	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 21.74
ADDITION	8	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters 7.23
ADDITION	8	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100 Meters (0.45)
ADDITION	9	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 527.02
ADDITION	8	R26-02I1.14-P-0005	purchase and install 8" meter - Als	8/1/2014	2602	I	334200 Meter Installations 6,185.64
ADDITION	7	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200 Meter Installations 50.05
ADDITION	7	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200 Meter Installations 16,294.39
ADDITION	7	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200 Meter Installations 100.09
ADDITION	7	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100 Meters 24.98
ADDITION	8	R26-02I1.14-P-0005	purchase and install 8" meter - Als	8/1/2014	2602	I	334200 Meter Installations 2,371.34
ADDITION	8	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 70.33
ADDITION	8	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 1,362.86
ADDITION	8	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters 52.64
ADDITION	8	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters 542.45
ADDITION	8	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 105.47
ADDITION	8	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters 35.09
ADDITION	8	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100 Meters (1.79)
ADDITION	8	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200 Meter Installations (344.49)
ADDITION	8	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100 Meters (132.28)
ADDITION	8	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200 Meter Installations (3.59)
ADDITION	8	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100 Meters (0.90)
ADDITION	8	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200 Meter Installations (0.90)
ADDITION	7	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100 Meters 99.91
ADDITION	7	R26-02I1.14-P-0004	6" Mst Mtr Bridgeway Apts McCutcheo	7/2/2014	2602	I	334100 Meters 3,802.58
ADDITION	7	R26-02I1.14-P-0004	6" Mst Mtr Bridgeway Apts McCutcheo	7/2/2014	2602	I	334100 Meters 11.46
ADDITION	7	R26-02I1.14-P-0003	8" Mstr Mtr The Springs at Chatt on	7/31/2014	2602	I	334100 Meters 18.99
ADDITION	9	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters 24.20
ADDITION	7	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 2.09
ADDITION	7	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 40.52
ADDITION	7	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters 1.57
ADDITION	7	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 3.14
ADDITION	7	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters 1.04
ADDITION	7	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100 Meters 2.29
ADDITION	7	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200 Meter Installations 18.42
ADDITION	7	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters 16.13
ADDITION	7	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200 Meter Installations 9.21
ADDITION	7	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100 Meters 9.19
ADDITION	7	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200 Meter Installations 1,499.09
ADDITION	7	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100 Meters 563.02
ADDITION	7	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200 Meter Installations 18.42
ADDITION	7	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100 Meters 4.60
ADDITION	7	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334200 Meter Installations 4.60
ADDITION	7	R26-02I1.13-P-0001	Meters-New -Blanket	1/0/1900	2602	I	334100 Meters 9.19
ADDITION	7	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters 11.34
ADDITION	8	R26-02I1.14-P-0005	purchase and install 8" meter - Als	8/1/2014	2602	I	334200 Meter Installations 61.06
ADDITION	7	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 22.73
ADDITION	7	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 440.49
ADDITION	7	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters 17.01
ADDITION	7	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100 Meters 175.33
ADDITION	7	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations 34.09
ADDITION	7	R26-02I1.14-P-0002	PURCHASE 4" METER FOR TN VALLEY ICE	4/15/2014	2602	I	334200 Meter Installations 2,163.25
ADDITION	7	R26-02I1.14-P-0002	PURCHASE 4" METER FOR TN VALLEY ICE	4/15/2014	2602	I	334200 Meter Installations (2,163.25)
ADDITION	12	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200 Meter Installations -133.23

ADDITION	10 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334100	Meters	4906.65
ADDITION	12 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334100	Meters	175.23
ADDITION	12 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334100	Meters	4.07
ADDITION	12 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334100	Meters	-0.92
ADDITION	11 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334200	Meter Installations	943.48
ADDITION	12 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334100	Meters	31.08
ADDITION	12 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334200	Meter Installations	2.04
ADDITION	12 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334200	Meter Installations	-1.85
ADDITION	12 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334100	Meters	-1.23
ADDITION	11 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334200	Meter Installations	10.75
ADDITION	11 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334200	Meter Installations	16.13
ADDITION	12 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334100	Meters	31.08
ADDITION	12 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334200	Meter Installations	62.3
ADDITION	10 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334200	Meter Installations	478.23
ADDITION	10 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334200	Meter Installations	44
ADDITION	12 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334200	Meter Installations	4.21
ADDITION	12 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334200	Meter Installations	6.12
ADDITION	12 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334100	Meters	-0.92
ADDITION	12 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334100	Meters	-52.99
ADDITION	12 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334200	Meter Installations	-1.85
ADDITION	11 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334100	Meters	8.05
ADDITION	11 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334100	Meters	8.05
ADDITION	11 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334200	Meter Installations	16.13
ADDITION	12 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334200	Meter Installations	41.53
ADDITION	12 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334200	Meter Installations	62.3
ADDITION	12 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334200	Meter Installations	62.3
ADDITION	12 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334100	Meters	41.46
ADDITION	10 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334100	Meters	238.68
ADDITION	10 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334200	Meter Installations	1131.88
ADDITION	10 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334100	Meters	451.41
ADDITION	12 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334200	Meter Installations	4.21
ADDITION	12 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334100	Meters	2.1
ADDITION	12 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334100	Meters	2.1
ADDITION	12 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334200	Meter Installations	302.89
ADDITION	10 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334200	Meter Installations	11.69
ADDITION	10 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334100	Meters	119.97
ADDITION	10 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334200	Meter Installations	300.82
ADDITION	10 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334200	Meter Installations	7.79
ADDITION	10 R26-02I1.14-P-0005	purchase and install 8" meter - Als	8/1/2014 2602	I	334200	Meter Installations	37.44
ADDITION	12 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334100	Meters	1.02
ADDITION	12 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334200	Meter Installations	6.12
ADDITION	12 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334100	Meters	3.05
ADDITION	12 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334200	Meter Installations	440.53
ADDITION	12 R26-05I1.14-P-0001	Meters - New	1/0/1900 2605	I	334200	Meter Installations	-1.94
ADDITION	12 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334100	Meters	-0.93
ADDITION	12 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334200	Meter Installations	-1.23
ADDITION	12 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334200	Meter Installations	-1.85
ADDITION	12 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334100	Meters	-0.31
ADDITION	12 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334200	Meter Installations	-0.62
ADDITION	11 R26-05I1.14-P-0001	Meters - New	1/0/1900 2605	I	334200	Meter Installations	36.43
ADDITION	11 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334100	Meters	363.23
ADDITION	11 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334100	Meters	5.37
ADDITION	10 R26-02I1.14-P-0005	purchase and install 8" meter - Als	8/1/2014 2602	I	334200	Meter Installations	18.2
ADDITION	12 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334100	Meters	31.11
ADDITION	12 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334200	Meter Installations	4485.49
ADDITION	12 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334100	Meters	1784.17
ADDITION	12 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334200	Meter Installations	20.77
ADDITION	12 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334100	Meters	10.35
ADDITION	12 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334200	Meter Installations	4.21
ADDITION	12 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334100	Meters	2.1
ADDITION	10 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334200	Meter Installations	12303.08
ADDITION	10 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334100	Meters	159.12
ADDITION	10 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334100	Meters	14.64
ADDITION	10 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334100	Meters	21.96
ADDITION	10 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334200	Meter Installations	318.8
ADDITION	12 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334100	Meters	120.48
ADDITION	10 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334100	Meters	5.84
ADDITION	12 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334200	Meter Installations	2.8
ADDITION	10 R26-02I1.14-P-0001	Meters-New	1/0/1900 2602	I	334100	Meters	3.89

ADDITION	10	R26-02I1.14-P-0005	purchase and install 8" meter - Als	8/1/2014	2602	I	334200	Meter Installations	63.3
ADDITION	10	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	29.33
ADDITION	10	R26-02I1.14-P-0005	purchase and install 8" meter - Als	8/1/2014	2602	I	334200	Meter Installations	10.94
ADDITION	11	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	1.76
ADDITION	11	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	5.29
ADDITION	11	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	119.2
ADDITION	11	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	2.64
ADDITION	11	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	309.63
ADDITION	11	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	3.53
ADDITION	11	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	5.29
ADDITION	11	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	2.66
ADDITION	11	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	56.58
ADDITION	11	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	170.04
ADDITION	11	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	170.04
ADDITION	11	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	3828.91
ADDITION	11	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	84.86
ADDITION	11	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	9945.61
ADDITION	11	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	113.36
ADDITION	11	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	84.88
ADDITION	12	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	3.05
ADDITION	12	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	6.12
ADDITION	12	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	0.7
ADDITION	12	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	2.8
ADDITION	12	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	1.4
ADDITION	12	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334200	Meter Installations	4.08
ADDITION	12	R26-02I1.14-P-0001	Meters-New	1/0/1900	2602	I	334100	Meters	3.05
ADDITION	11	R26-05I1.14-P-0001	Meters - New	1/0/1900	2605	I	334200	Meter Installations	396.01
ADDITION	11	R26-02I1.14-P-0005	purchase and install 8" meter - Als	8/1/2014	2602	I	334200	Meter Installations	20435.29
ADDITION	11	R26-02I1.14-P-0005	purchase and install 8" meter - Als	8/1/2014	2602	I	334200	Meter Installations	-20449.98
ADDITION	1	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	37.05 QIIP
ADDITION	1	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334200	Meter Installations	37.05 QIIP
ADDITION	1	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334200	Meter Installations	458.70 QIIP
ADDITION	1	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334200	Meter Installations	37.05 QIIP
ADDITION	1	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	458.70 QIIP
ADDITION	1	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334200	Meter Installations	458.70 QIIP
ADDITION	1	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334200	Meter Installations	458.69 QIIP
ADDITION	1	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334200	Meter Installations	37.05 QIIP
ADDITION	1	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334200	Meter Installations	37.05 QIIP
ADDITION	1	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	458.70 QIIP
ADDITION	1	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	458.71 QIIP
ADDITION	1	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	37.02 QIIP
ADDITION	1	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	458.70 QIIP
ADDITION	1	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	37.05 QIIP
ADDITION	1	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334200	Meter Installations	458.70 QIIP
ADDITION	1	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	37.05 QIIP
ADDITION	1	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334200	Meter Installations	37.05 QIIP
ADDITION	1	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	458.70 QIIP
ADDITION	1	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334200	Meter Installations	458.70 QIIP
ADDITION	1	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	37.05 QIIP
ADDITION	2	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	142.22 QIIP
ADDITION	2	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334200	Meter Installations	142.22 QIIP
ADDITION	2	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	142.22 QIIP
ADDITION	2	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334200	Meter Installations	(113.10) QIIP
ADDITION	2	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334200	Meter Installations	142.22 QIIP
ADDITION	2	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	142.22 QIIP
ADDITION	2	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334200	Meter Installations	(113.10) QIIP
ADDITION	2	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	(113.10) QIIP
ADDITION	2	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334200	Meter Installations	(113.10) QIIP
ADDITION	2	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	(113.10) QIIP
ADDITION	2	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334200	Meter Installations	142.22 QIIP
ADDITION	2	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	(113.10) QIIP
ADDITION	2	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334200	Meter Installations	(113.10) QIIP
ADDITION	2	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334200	Meter Installations	142.23 QIIP
ADDITION	2	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	142.22 QIIP
ADDITION	2	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334200	Meter Installations	142.22 QIIP
ADDITION	2	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	(113.09) QIIP
ADDITION	2	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334200	Meter Installations	(113.10) QIIP
ADDITION	2	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	(113.10) QIIP
ADDITION	2	R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900	2602	J	334100	Meters	142.30 QIIP

ADDITION	3 R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900 2602	J	334200	Meter Installations	(32.38) QIIP
ADDITION	3 R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900 2602	J	334100	Meters	(32.34) QIIP
ADDITION	3 R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900 2602	J	334100	Meters	(2.97) QIIP
ADDITION	3 R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900 2602	J	334200	Meter Installations	(2.98) QIIP
ADDITION	3 R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900 2602	J	334200	Meter Installations	(2.98) QIIP
ADDITION	3 R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900 2602	J	334100	Meters	(2.98) QIIP
ADDITION	3 R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900 2602	J	334100	Meters	(32.38) QIIP
ADDITION	3 R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900 2602	J	334200	Meter Installations	(32.38) QIIP
ADDITION	3 R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900 2602	J	334100	Meters	(2.98) QIIP
ADDITION	3 R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900 2602	J	334200	Meter Installations	(2.98) QIIP
ADDITION	3 R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900 2602	J	334200	Meter Installations	(32.38) QIIP
ADDITION	3 R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900 2602	J	334100	Meters	(32.38) QIIP
ADDITION	3 R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900 2602	J	334100	Meters	(2.98) QIIP
ADDITION	3 R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900 2602	J	334200	Meter Installations	(2.98) QIIP
ADDITION	3 R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900 2602	J	334100	Meters	(32.38) QIIP
ADDITION	3 R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900 2602	J	334200	Meter Installations	(32.38) QIIP
ADDITION	3 R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900 2602	J	334200	Meter Installations	(2.98) QIIP
ADDITION	3 R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900 2602	J	334100	Meters	(2.98) QIIP
ADDITION	3 R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900 2602	J	334200	Meter Installations	(32.38) QIIP
ADDITION	3 R26-02J1.07-P-0011	5/8 Renewed Settings AS	1/0/1900 2602	J	334100	Meters	(32.38) QIIP
ADDITION	1 R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900 2602	J	334100	Meters	199.24 QIIP
ADDITION	1 R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900 2602	J	334200	Meter Installations	199.24 QIIP
ADDITION	1 R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900 2602	J	334100	Meters	7,287.10 QIIP
ADDITION	1 R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900 2602	J	334200	Meter Installations	(1,083.38) QIIP
ADDITION	1 R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900 2602	J	334100	Meters	(1,083.34) QIIP
ADDITION	2 R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900 2602	J	334200	Meter Installations	191.49 QIIP
ADDITION	2 R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900 2602	J	334100	Meters	191.48 QIIP
ADDITION	2 R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900 2602	J	334100	Meters	1,562.67 QIIP
ADDITION	2 R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900 2602	J	334100	Meters	5,756.17 QIIP
ADDITION	2 R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900 2602	J	334100	Meters	(199.24) QIIP
ADDITION	2 R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900 2602	J	334200	Meter Installations	(199.24) QIIP
ADDITION	3 R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900 2602	J	334200	Meter Installations	525.86 QIIP
ADDITION	3 R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900 2602	J	334100	Meters	525.85 QIIP
ADDITION	3 R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900 2602	J	334100	Meters	11,814.58 QIIP
ADDITION	3 R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900 2602	J	334100	Meters	(191.48) QIIP
ADDITION	3 R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900 2602	J	334200	Meter Installations	(191.49) QIIP
ADDITION	3 R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900 2602	J	334200	Meter Installations	- QIIP
ADDITION	1 R26-02J1.14-P-0001	Meters-Replaced	1/0/1900 2602	J	334200	Meter Installations	208.73 QIIP
ADDITION	1 R26-02J1.14-P-0001	Meters-Replaced	1/0/1900 2602	J	334200	Meter Installations	19.20 QIIP
ADDITION	1 R26-02J1.14-P-0001	Meters-Replaced	1/0/1900 2602	J	334200	Meter Installations	3,468.58 QIIP
ADDITION	2 R26-02J1.14-P-0001	Meters-Replaced	1/0/1900 2602	J	334200	Meter Installations	261.63 QIIP
ADDITION	2 R26-02J1.14-P-0001	Meters-Replaced	1/0/1900 2602	J	334200	Meter Installations	(624.81) QIIP
ADDITION	2 R26-02J1.14-P-0001	Meters-Replaced	1/0/1900 2602	J	334200	Meter Installations	4,436.38 QIIP
ADDITION	3 R26-02J1.14-P-0001	Meters-Replaced	1/0/1900 2602	J	334200	Meter Installations	1,052.10 QIIP
ADDITION	3 R26-02J1.14-P-0001	Meters-Replaced	1/0/1900 2602	J	334200	Meter Installations	6,025.73 QIIP
ADDITION	3 R26-02J1.14-P-0001	Meters-Replaced	1/0/1900 2602	J	334200	Meter Installations	1,158.64 QIIP
ADDITION	3 R26-02J1.14-P-0001	Meters-Replaced	1/0/1900 2602	J	334200	Meter Installations	1,687.31 QIIP
ADDITION	3 R26-02J1.14-P-0001	Meters-Replaced	1/0/1900 2602	J	334200	Meter Installations	818.63 QIIP
ADDITION	3 R26-02J1.14-P-0001	Meters-Replaced	1/0/1900 2602	J	334200	Meter Installations	179.39 QIIP
ADDITION	4 R26-02J1.14-P-0001	Meters-Replaced	1/0/1900 2602	J	334200	Meter Installations	2248.04 QIIP
ADDITION	4 R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900 2602	J	334100	Meters	478.03 QIIP
ADDITION	4 R26-02J1.14-P-0001	Meters-Replaced	1/0/1900 2602	J	334200	Meter Installations	1143.19 QIIP
ADDITION	6 R26-02J1.14-P-0001	Meters-Replaced	1/0/1900 2602	J	334200	Meter Installations	17876.16 QIIP
ADDITION	6 R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900 2602	J	334100	Meters	2887.73 QIIP
ADDITION	4 R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900 2602	J	334200	Meter Installations	478.03 QIIP
ADDITION	4 R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900 2602	J	334200	Meter Installations	-1519.44 QIIP
ADDITION	4 R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900 2602	J	334100	Meters	-1519.41 QIIP
ADDITION	5 R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900 2602	J	334100	Meters	3003.61 QIIP
ADDITION	4 R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900 2602	J	334100	Meters	230.22 QIIP
ADDITION	6 R26-02J1.14-P-0001	Meters-Replaced	1/0/1900 2602	J	334200	Meter Installations	1863.36 QIIP
ADDITION	6 R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900 2602	J	334100	Meters	325.66 QIIP
ADDITION	6 R26-02J1.14-P-0001	Meters-Replaced	1/0/1900 2602	J	334200	Meter Installations	939.48 QIIP
ADDITION	5 R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900 2602	J	334200	Meter Installations	3003.65 QIIP
ADDITION	5 R26-02J1.14-P-0001	Meters-Replaced	1/0/1900 2602	J	334200	Meter Installations	4196.18 QIIP
ADDITION	4 R26-02J1.14-P-0001	Meters-Replaced	1/0/1900 2602	J	334200	Meter Installations	1819.46 QIIP
ADDITION	6 R26-02J1.14-P-0001	Meters-Replaced	1/0/1900 2602	J	334200	Meter Installations	1190.39 QIIP
ADDITION	4 R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900 2602	J	334200	Meter Installations	230.23 QIIP
ADDITION	6 R26-02J1.14-P-0001	Meters-Replaced	1/0/1900 2602	J	334200	Meter Installations	302.13 QIIP
ADDITION	6 R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900 2602	J	334200	Meter Installations	652.02 QIIP

ADDITION	6	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334200	Meter Installations	325.66	QIIP
ADDITION	5	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	4611.69	QIIP
ADDITION	5	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334100	Meters	821.51	QIIP
ADDITION	5	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334200	Meter Installations	821.53	QIIP
ADDITION	4	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	-1326.51	QIIP
ADDITION	6	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334200	Meter Installations	2887.79	QIIP
ADDITION	4	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	2684.86	QIIP
ADDITION	5	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	872.76	QIIP
ADDITION	5	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334100	Meters	299.85	QIIP
ADDITION	5	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334200	Meter Installations	299.85	QIIP
ADDITION	5	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	-2248.04	QIIP
ADDITION	5	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	1009.55	QIIP
ADDITION	5	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334100	Meters	184.21	QIIP
ADDITION	5	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334200	Meter Installations	184.23	QIIP
ADDITION	5	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	1374.57	QIIP
ADDITION	5	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	1136.15	QIIP
ADDITION	5	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	-1705.46	QIIP
ADDITION	5	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334100	Meters	-750.14	QIIP
ADDITION	5	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334200	Meter Installations	-750.16	QIIP
ADDITION	6	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334100	Meters	652.01	QIIP
ADDITION	4	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	7560.9	QIIP
ADDITION	4	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334100	Meters	3543.78	QIIP
ADDITION	4	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334200	Meter Installations	3543.85	QIIP
ADDITION	7	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334100	Meters	4,103.01	QIIP
ADDITION	7	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334200	Meter Installations	4,103.08	QIIP
ADDITION	9	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	74,694.15	QIIP
ADDITION	7	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	20,629.07	QIIP
ADDITION	9	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	5,131.85	QIIP
ADDITION	9	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	2,332.14	QIIP
ADDITION	9	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	62,607.43	QIIP
ADDITION	9	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	6.64	QIIP
ADDITION	9	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	(9,399.09)	QIIP
ADDITION	9	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	8.96	QIIP
ADDITION	8	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	45,786.89	QIIP
ADDITION	8	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	2,025.93	QIIP
ADDITION	8	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334200	Meter Installations	(775.56)	QIIP
ADDITION	8	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	9,361.65	QIIP
ADDITION	8	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334100	Meters	(71.35)	QIIP
ADDITION	8	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334200	Meter Installations	(71.35)	QIIP
ADDITION	8	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	3,430.78	QIIP
ADDITION	7	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	582.50	QIIP
ADDITION	7	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334100	Meters	909.94	QIIP
ADDITION	7	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334200	Meter Installations	909.96	QIIP
ADDITION	7	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	1,324.18	QIIP
ADDITION	7	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	6,126.56	QIIP
ADDITION	7	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334100	Meters	461.19	QIIP
ADDITION	7	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334200	Meter Installations	461.20	QIIP
ADDITION	7	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	41,597.55	QIIP
ADDITION	8	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	51,967.25	QIIP
ADDITION	8	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334100	Meters	(775.54)	QIIP
ADDITION	7	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	2,593.50	QIIP
ADDITION	12	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	1052.21	QIIP
ADDITION	12	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	-1697	QIIP
ADDITION	12	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	-6637.72	QIIP
ADDITION	12	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	15610.36	QIIP
ADDITION	12	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	-1997.11	QIIP
ADDITION	11	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	4891.12	QIIP
ADDITION	10	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	-2254.98	QIIP
ADDITION	11	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	3448.78	QIIP
ADDITION	12	R26-02J1.15-P-0001	Work Order	1/0/1900	2602	J	334200	Meter Installations	648.5	QIIP
ADDITION	12	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	6980.7	QIIP
ADDITION	10	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	100404.81	QIIP
ADDITION	11	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	1331.16	QIIP
ADDITION	10	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	20935.3	QIIP
ADDITION	12	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	86.07	QIIP
ADDITION	10	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	1129.95	QIIP
ADDITION	10	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	9027.45	QIIP
ADDITION	10	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	17219.37	QIIP
ADDITION	11	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200	Meter Installations	7129.68	QIIP

ADDITION	11	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200 Meter Installations	35979.26 QIIP
ADDITION	12	R26-02J1.15-P-0001	Work Order	1/0/1900	2602	J	334200 Meter Installations	-4.34 QIIP
ADDITION	11	R26-02J1.14-P-0001	Meters-Replaced	1/0/1900	2602	J	334200 Meter Installations	3377.7 QIIP
ADDITION	4	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100 WT Equip Non-Media	4794.24 SEC
ADDITION	4	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100 WT Equip Non-Media	367.17 SEC
ADDITION	4	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100 WT Equip Non-Media	212820.94 SEC
ADDITION	5	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100 WT Equip Non-Media	355.1 SEC
ADDITION	5	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100 WT Equip Non-Media	7813.45 SEC
ADDITION	5	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100 WT Equip Non-Media	582.03 SEC
ADDITION	5	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100 WT Equip Non-Media	-1842.18 SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100 Comm Equip Non-Telephone	8.32 SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100 Comm Equip Non-Telephone	8.32 SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2603	L	346100 Comm Equip Non-Telephone	16.64 SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100 Comm Equip Non-Telephone	8.32 SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190 Remote Control & Instrument	44.36 SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190 Remote Control & Instrument	44.36 SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190 Remote Control & Instrument	49.91 SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100 Comm Equip Non-Telephone	7.46 SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100 Comm Equip Non-Telephone	8.32 SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190 Remote Control & Instrument	49.91 SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190 Remote Control & Instrument	44.36 SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100 Comm Equip Non-Telephone	0.78 SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100 Comm Equip Non-Telephone	0.83 SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100 Comm Equip Non-Telephone	0.83 SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100 Comm Equip Non-Telephone	0.83 SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190 Remote Control & Instrument	4.44 SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2603	L	346100 Comm Equip Non-Telephone	1.66 SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100 Comm Equip Non-Telephone	0.83 SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100 Comm Equip Non-Telephone	0.83 SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190 Remote Control & Instrument	4.44 SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190 Remote Control & Instrument	4.44 SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190 Remote Control & Instrument	4.99 SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190 Remote Control & Instrument	4.99 SEC
ADDITION	9	R26-05L1.13-P-0001	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100 Comm Equip Non-Telephone	64.32 SEC
ADDITION	9	R26-05L1.13-P-0001	Whitwell Booster & Tank Automation	8/1/2014	2603	L	346100 Comm Equip Non-Telephone	25.73 SEC
ADDITION	9	R26-05L1.13-P-0001	Whitwell Booster & Tank Automation	8/1/2014	2605	L	340200 Comp & Periph Equip	40.02 SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100 Comm Equip Non-Telephone	2,484.88 SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100 Comm Equip Non-Telephone	2,761.03 SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190 Remote Control & Instrument	16,566.15 SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100 Comm Equip Non-Telephone	2,761.03 SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100 Comm Equip Non-Telephone	2,761.03 SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190 Remote Control & Instrument	14,725.47 SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100 Comm Equip Non-Telephone	2,761.03 SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190 Remote Control & Instrument	14,725.47 SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2603	L	346100 Comm Equip Non-Telephone	5,522.05 SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190 Remote Control & Instrument	14,725.47 SEC
ADDITION	9	R26-05L1.13-P-0001	Whitwell Booster & Tank Automation	8/1/2014	2603	L	346100 Comm Equip Non-Telephone	11,133.05 SEC
ADDITION	8	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100 WT Equip Non-Media	43,446.19 SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190 Remote Control & Instrument	4.99 SEC
ADDITION	9	R26-05L1.13-P-0001	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190 Remote Control & Instrument	111.50 SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100 Comm Equip Non-Telephone	8.32 SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190 Remote Control & Instrument	49.91 SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190 Remote Control & Instrument	16,566.15 SEC
ADDITION	9	R26-05L1.13-P-0001	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190 Remote Control & Instrument	48,243.19 SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100 Comm Equip Non-Telephone	2,761.03 SEC
ADDITION	9	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190 Remote Control & Instrument	16,566.15 SEC
ADDITION	9	R26-05L1.13-P-0001	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100 Comm Equip Non-Telephone	27,832.58 SEC
ADDITION	9	R26-05L1.13-P-0001	Whitwell Booster & Tank Automation	8/1/2014	2605	L	340200 Comp & Periph Equip	17,315.59 SEC
ADDITION	9	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100 WT Equip Non-Media	43,446.19 SEC
ADDITION	7	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100 WT Equip Non-Media	10,655.67 SEC
ADDITION	7	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100 WT Equip Non-Media	53,558.76 SEC
ADDITION	7	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100 WT Equip Non-Media	53,558.80 SEC
ADDITION	7	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100 WT Equip Non-Media	53,558.76 SEC
ADDITION	7	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100 WT Equip Non-Media	53,558.76 SEC
ADDITION	9	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100 WT Equip Non-Media	(43,446.19) SEC
ADDITION	7	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100 WT Equip Non-Media	(224,890.75) SEC
ADDITION	10	R26-05L1.13-P-0001	Whitwell Booster & Tank Automation	8/1/2014	2605	L	340200 Comp & Periph Equip	-116.63 SEC
ADDITION	12	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100 Comm Equip Non-Telephone	1.87 SEC
ADDITION	12	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100 Comm Equip Non-Telephone	0.84 SEC

ADDITION	10 R26-05L1.13-P-0001	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346190	Remote Control & Instrument	-59.98 SEC
ADDITION	12 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346100	Comm Equip Non-Telephone	1.68 SEC
ADDITION	12 R26-05L1.13-P-0001	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346100	Comm Equip Non-Telephone	1.09 SEC
ADDITION	12 R26-05L1.13-P-0001	Whitwell Booster & Tank Automation	8/1/2014 2605	L	340200	Comp & Periph Equip	0.68 SEC
ADDITION	12 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346190	Remote Control & Instrument	9.98 SEC
ADDITION	12 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346100	Comm Equip Non-Telephone	1.87 SEC
ADDITION	12 R26-02L1.14-P-0003	UPGRADE COMMUNICATIONS EQUIPMENT FO	11/14/2014 2602	L	346190	Remote Control & Instrument	-352.21 SEC
ADDITION	12 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346100	Comm Equip Non-Telephone	1.87 SEC
ADDITION	12 R26-02L1.14-P-0003	UPGRADE COMMUNICATIONS EQUIPMENT FO	11/14/2014 2602	L	346190	Remote Control & Instrument	-41.21 SEC
ADDITION	12 R26-05L1.13-P-0001	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346190	Remote Control & Instrument	1.88 SEC
ADDITION	12 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346100	Comm Equip Non-Telephone	1.87 SEC
ADDITION	12 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346190	Remote Control & Instrument	11.22 SEC
ADDITION	12 R26-02L1.14-P-0003	UPGRADE COMMUNICATIONS EQUIPMENT FO	11/14/2014 2602	L	346190	Remote Control & Instrument	-376.64 SEC
ADDITION	11 R26-02L1.14-P-0003	UPGRADE COMMUNICATIONS EQUIPMENT FO	11/14/2014 2602	L	346190	Remote Control & Instrument	15212.9 SEC
ADDITION	11 R26-02L1.14-P-0003	UPGRADE COMMUNICATIONS EQUIPMENT FO	11/14/2014 2602	L	346190	Remote Control & Instrument	347.24 SEC
ADDITION	12 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346190	Remote Control & Instrument	11.22 SEC
ADDITION	12 R26-02L1.14-P-0003	UPGRADE COMMUNICATIONS EQUIPMENT FO	11/14/2014 2602	L	346190	Remote Control & Instrument	-4220.61 SEC
ADDITION	12 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346190	Remote Control & Instrument	5 SEC
ADDITION	12 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346190	Remote Control & Instrument	4.44 SEC
ADDITION	12 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346100	Comm Equip Non-Telephone	0.84 SEC
ADDITION	10 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346190	Remote Control & Instrument	-2341.86 SEC
ADDITION	10 R26-05L1.13-P-0001	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346100	Comm Equip Non-Telephone	-187.46 SEC
ADDITION	10 R26-05L1.13-P-0001	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346100	Comm Equip Non-Telephone	-34.6 SEC
ADDITION	12 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346100	Comm Equip Non-Telephone	0.84 SEC
ADDITION	10 R26-05L1.13-P-0001	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346190	Remote Control & Instrument	-324.94 SEC
ADDITION	10 R26-05L1.14-P-0003	Ketner Cove Tank PLC	9/10/2014 2605	L	346190	Remote Control & Instrument	5495.51 SEC
ADDITION	10 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346190	Remote Control & Instrument	-2341.86 SEC
ADDITION	10 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346190	Remote Control & Instrument	-2081.65 SEC
ADDITION	10 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346190	Remote Control & Instrument	-2081.65 SEC
ADDITION	10 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346100	Comm Equip Non-Telephone	-390.31 SEC
ADDITION	10 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346100	Comm Equip Non-Telephone	-390.31 SEC
ADDITION	10 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2603	L	346100	Comm Equip Non-Telephone	-780.62 SEC
ADDITION	10 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346190	Remote Control & Instrument	-2081.65 SEC
ADDITION	10 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346100	Comm Equip Non-Telephone	-390.31 SEC
ADDITION	10 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346100	Comm Equip Non-Telephone	-390.31 SEC
ADDITION	10 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346190	Remote Control & Instrument	-2341.86 SEC
ADDITION	10 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346100	Comm Equip Non-Telephone	-390.31 SEC
ADDITION	10 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346100	Comm Equip Non-Telephone	-351.3 SEC
ADDITION	12 R26-05L1.13-P-0001	Whitwell Booster & Tank Automation	8/1/2014 2603	L	346100	Comm Equip Non-Telephone	0.43 SEC
ADDITION	12 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346190	Remote Control & Instrument	9.98 SEC
ADDITION	12 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2603	L	346100	Comm Equip Non-Telephone	3.74 SEC
ADDITION	10 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346190	Remote Control & Instrument	49.91 SEC
ADDITION	10 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346190	Remote Control & Instrument	44.36 SEC
ADDITION	10 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346190	Remote Control & Instrument	44.36 SEC
ADDITION	10 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346190	Remote Control & Instrument	44.36 SEC
ADDITION	10 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346100	Comm Equip Non-Telephone	8.32 SEC
ADDITION	10 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346100	Comm Equip Non-Telephone	8.32 SEC
ADDITION	10 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346100	Comm Equip Non-Telephone	8.32 SEC
ADDITION	10 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2603	L	346100	Comm Equip Non-Telephone	16.64 SEC
ADDITION	10 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346100	Comm Equip Non-Telephone	8.32 SEC
ADDITION	10 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346190	Remote Control & Instrument	49.91 SEC
ADDITION	10 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346100	Comm Equip Non-Telephone	8.32 SEC
ADDITION	10 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346100	Comm Equip Non-Telephone	7.46 SEC
ADDITION	12 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346100	Comm Equip Non-Telephone	1.87 SEC
ADDITION	12 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346190	Remote Control & Instrument	11.22 SEC
ADDITION	12 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346190	Remote Control & Instrument	9.98 SEC
ADDITION	12 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2603	L	346100	Comm Equip Non-Telephone	1.66 SEC
ADDITION	12 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346190	Remote Control & Instrument	4.44 SEC
ADDITION	12 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346190	Remote Control & Instrument	5 SEC
ADDITION	12 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346100	Comm Equip Non-Telephone	0.73 SEC
ADDITION	12 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346100	Comm Equip Non-Telephone	0.84 SEC
ADDITION	12 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346100	Comm Equip Non-Telephone	0.84 SEC
ADDITION	12 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346190	Remote Control & Instrument	4.44 SEC
ADDITION	12 R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346190	Remote Control & Instrument	5 SEC
ADDITION	10 R26-05L1.13-P-0001	Whitwell Booster & Tank Automation	8/1/2014 2603	L	346100	Comm Equip Non-Telephone	-13.84 SEC
ADDITION	10 R26-05L1.13-P-0001	Whitwell Booster & Tank Automation	8/1/2014 2603	L	346100	Comm Equip Non-Telephone	-74.98 SEC
ADDITION	10 R26-05L1.13-P-0001	Whitwell Booster & Tank Automation	8/1/2014 2605	L	340200	Comp & Periph Equip	-21.53 SEC
ADDITION	10 R26-05L1.13-P-0001	Whitwell Booster & Tank Automation	8/1/2014 2605	L	346190	Remote Control & Instrument	-35.41 SEC
ADDITION	10 R26-05L1.13-P-0001	Whitwell Booster & Tank Automation	8/1/2014 2605	L	340200	Comp & Periph Equip	-12.71 SEC

ADDITION	10	R26-05L1.13-P-0001	Whitwell Booster & Tank Automation	8/1/2014	2603	L	346100 Comm Equip Non-Telephone	-8.17 SEC
ADDITION	10	R26-05L1.13-P-0001	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100 Comm Equip Non-Telephone	-20.43 SEC
ADDITION	10	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190 Remote Control & Instrument	-210.86 SEC
ADDITION	10	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190 Remote Control & Instrument	-210.86 SEC
ADDITION	10	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190 Remote Control & Instrument	-187.43 SEC
ADDITION	10	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190 Remote Control & Instrument	-187.43 SEC
ADDITION	10	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100 Comm Equip Non-Telephone	-35.14 SEC
ADDITION	10	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100 Comm Equip Non-Telephone	-35.14 SEC
ADDITION	10	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2603	L	346100 Comm Equip Non-Telephone	-70.29 SEC
ADDITION	10	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190 Remote Control & Instrument	-187.43 SEC
ADDITION	10	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100 Comm Equip Non-Telephone	-35.14 SEC
ADDITION	10	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100 Comm Equip Non-Telephone	-35.14 SEC
ADDITION	10	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190 Remote Control & Instrument	-210.86 SEC
ADDITION	10	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100 Comm Equip Non-Telephone	-35.14 SEC
ADDITION	10	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346100 Comm Equip Non-Telephone	-31.65 SEC
ADDITION	11	R26-02L1.14-P-0003	UPGRADE COMMUNICATIONS EQUIPMENT FO	11/14/2014	2602	L	346190 Remote Control & Instrument	768.9 SEC
ADDITION	10	R26-05L1.14-P-0002	Whitwell Booster & Tank Automation	8/1/2014	2605	L	346190 Remote Control & Instrument	49.91 SEC
ADDITION	10	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100 WT Equip Non-Media	0 SEC
ADDITION	10	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100 WT Equip Non-Media	0 SEC
ADDITION	10	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100 WT Equip Non-Media	0 SEC
ADDITION	10	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100 WT Equip Non-Media	0 SEC
ADDITION	10	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100 WT Equip Non-Media	0 SEC
ADDITION	12	R26-02M1.14-P-4001	Whiel Street doors	12/22/2014	2602	M	304500 Struct & Imp-General	4283.15 SEC
ADDITION	12	R26-02M1.14-P-4003	Wheil Street gate	12/22/2014	2602	M	304500 Struct & Imp-General	1899.67 SEC
ADDITION	12	R26-02M1.14-P-4001	Whiel Street doors	12/22/2014	2602	M	304500 Struct & Imp-General	12.91 SEC
ADDITION	12	R26-02M1.14-P-4003	Wheil Street gate	12/22/2014	2602	M	304500 Struct & Imp-General	5.72 SEC
ADDITION	12	R26-02M1.14-P-4003	Wheil Street gate	12/22/2014	2602	M	304500 Struct & Imp-General	-8.44 SEC
ADDITION	2	R26-05Q1.14-P-0002	REP Whitwell #2 Raw Water Pump	2/3/2014	2605	Q	311520 Pumping Equipment-Source of Supply and Pumping Plant	2,682.29 SEC
ADDITION	3	R26-05Q1.14-P-0002	REP Whitwell #2 Raw Water Pump	2/3/2014	2605	Q	311520 Pumping Equipment-Source of Supply and Pumping Plant	(251.18) SEC
ADDITION	3	R26-05Q1.14-P-0002	REP Whitwell #2 Raw Water Pump	2/3/2014	2605	Q	311520 Pumping Equipment-Source of Supply and Pumping Plant	3,210.84 SEC
ADDITION	3	R26-05Q1.14-P-0002	REP Whitwell #2 Raw Water Pump	2/3/2014	2605	Q	311520 Pumping Equipment-Source of Supply and Pumping Plant	272.29 SEC
ADDITION	3	R26-02Q1.14-P-0002	Replace N.End F/H #2 Surface Wash L	3/27/2014	2602	Q	320100 WT Equip Non-Media	(125.66) SEC
ADDITION	3	R26-02Q1.14-P-0002	Replace N.End F/H #2 Surface Wash L	3/27/2014	2602	Q	320100 WT Equip Non-Media	7,550.20 SEC
ADDITION	3	R26-02Q1.14-P-0002	Replace N.End F/H #2 Surface Wash L	3/27/2014	2602	Q	320100 WT Equip Non-Media	24.74 SEC
ADDITION	4	R26-02Q1.14-P-0012	Purchase Air Release Valves for #2	4/17/2014	2602	Q	320100 WT Equip Non-Media	201.47 SEC
ADDITION	4	R26-02Q1.14-P-0012	Purchase Air Release Valves for #2	4/17/2014	2602	Q	320100 WT Equip Non-Media	484.94 SEC
ADDITION	4	R26-02Q1.13-P-0027	Repl UPS Battery Back Ups @ Citico	4/17/2014	2602	Q	310000 Power Generation Equip	243.03 SEC
ADDITION	4	R26-02Q1.14-P-0011	Replace Lab Fluoride Meter	4/7/2014	2602	Q	320100 WT Equip Non-Media	185.99 SEC
ADDITION	4	R26-02Q1.14-P-0003	Rehabilitation of Hill City #7 Pump	4/9/2014	2602	Q	311520 Pumping Equipment-Source of Supply and Pumping Plant	67057.48 SEC
ADDITION	4	R26-03Q1.14-P-0003	Rep SCUD Chemical Feed Pumps	4/17/2014	2603	Q	320100 WT Equip Non-Media	36.04 SEC
ADDITION	6	R26-02Q1.14-P-0015	Replace #12 Low Service Coupling	6/25/2014	2602	Q	311520 Pumping Equipment-Source of Supply and Pumping Plant	21876.15 SEC
ADDITION	4	R26-02Q1.14-P-0010	Replace Lab PH Meter	4/3/2014	2602	Q	320100 WT Equip Non-Media	989.47 SEC
ADDITION	4	R26-02Q1.14-P-0011	Replace Lab Fluoride Meter	4/7/2014	2602	Q	320100 WT Equip Non-Media	2021.61 SEC
ADDITION	6	R26-02Q1.14-P-0015	Replace #12 Low Service Coupling	6/25/2014	2602	Q	311520 Pumping Equipment-Source of Supply and Pumping Plant	567.38 SEC
ADDITION	6	R26-02Q1.14-P-0013	Replace Carbon Slurry Line (Phase 2	6/16/2014	2602	Q	304100 Struct & Imp-Supply	-37.61 SEC
ADDITION	4	R26-02Q1.14-P-0003	Rehabilitation of Hill City #7 Pump	4/9/2014	2602	Q	311520 Pumping Equipment-Source of Supply and Pumping Plant	-175.84 SEC
ADDITION	4	R26-02Q1.13-P-0027	Repl UPS Battery Back Ups @ Citico	4/17/2014	2602	Q	310000 Power Generation Equip	480.35 SEC
ADDITION	4	R26-02Q1.14-P-0012	Purchase Air Release Valves for #2	4/17/2014	2602	Q	320100 WT Equip Non-Media	720.4 SEC
ADDITION	4	R26-02Q1.14-P-0003	Rehabilitation of Hill City #7 Pump	4/9/2014	2602	Q	311520 Pumping Equipment-Source of Supply and Pumping Plant	663.76 SEC
ADDITION	5	R26-02Q1.13-P-0027	Repl UPS Battery Back Ups @ Citico	4/17/2014	2602	Q	310000 Power Generation Equip	-132.39 SEC
ADDITION	6	R26-02Q1.14-P-0015	Replace #12 Low Service Coupling	6/25/2014	2602	Q	311520 Pumping Equipment-Source of Supply and Pumping Plant	3686.79 SEC
ADDITION	6	R26-02Q1.14-P-0013	Replace Carbon Slurry Line (Phase 2	6/16/2014	2602	Q	304100 Struct & Imp-Supply	24388.64 SEC
ADDITION	4	R26-02Q1.14-P-0010	Replace Lab PH Meter	4/3/2014	2602	Q	320100 WT Equip Non-Media	91.03 SEC
ADDITION	6	R26-02Q1.14-P-0013	Replace Carbon Slurry Line (Phase 2	6/16/2014	2602	Q	304100 Struct & Imp-Supply	43.89 SEC
ADDITION	4	R26-02Q1.14-P-0003	Rehabilitation of Hill City #7 Pump	4/9/2014	2602	Q	311520 Pumping Equipment-Source of Supply and Pumping Plant	206.72 SEC
ADDITION	5	R26-02Q1.13-P-0027	Repl UPS Battery Back Ups @ Citico	4/17/2014	2602	Q	310000 Power Generation Equip	-1439.05 SEC
ADDITION	5	R26-05Q1.14-P-0003	PUR Anthracite Filter Media	5/1/2014	2605	Q	320100 WT Equip Non-Media	16243.5 SEC
ADDITION	5	R26-03Q1.14-P-0002	REP SC Plant Turbidimeters	5/9/2014	2603	Q	320100 WT Equip Non-Media	3809.26 SEC
ADDITION	6	R26-02Q1.14-P-0013	Replace Carbon Slurry Line (Phase 2	6/16/2014	2602	Q	304100 Struct & Imp-Supply	14251.41 SEC
ADDITION	4	R26-03Q1.14-P-0003	Rep SCUD Chemical Feed Pumps	4/17/2014	2603	Q	320100 WT Equip Non-Media	3.32 SEC
ADDITION	4	R26-03Q1.14-P-0003	Rep SCUD Chemical Feed Pumps	4/17/2014	2603	Q	320100 WT Equip Non-Media	2876.58 SEC
ADDITION	4	R26-02Q1.14-P-0012	Purchase Air Release Valves for #2	4/17/2014	2602	Q	320100 WT Equip Non-Media	4550.69 SEC
ADDITION	4	R26-02Q1.13-P-0027	Repl UPS Battery Back Ups @ Citico	4/17/2014	2602	Q	310000 Power Generation Equip	25914.14 SEC
ADDITION	6	R26-05Q1.14-P-0003	PUR Anthracite Filter Media	5/1/2014	2605	Q	320100 WT Equip Non-Media	16243.5 SEC
ADDITION	6	R26-03Q1.14-P-0002	REP SC Plant Turbidimeters	5/9/2014	2603	Q	320100 WT Equip Non-Media	3809.26 SEC
ADDITION	5	R26-02Q1.14-P-0010	Replace Lab PH Meter	4/3/2014	2602	Q	320100 WT Equip Non-Media	1080.5 SEC
ADDITION	5	R26-02Q1.14-P-0011	Replace Lab Fluoride Meter	4/7/2014	2602	Q	320100 WT Equip Non-Media	2207.6 SEC
ADDITION	5	R26-02Q1.14-P-0012	Purchase Air Release Valves for #2	4/17/2014	2602	Q	320100 WT Equip Non-Media	4118.8 SEC
ADDITION	5	R26-03Q1.14-P-0003	Rep SCUD Chemical Feed Pumps	4/17/2014	2603	Q	320100 WT Equip Non-Media	416.57 SEC

ADDITION	5	R26-03Q1.14-P-0003	Rep SCUD Chemical Feed Pumps	4/17/2014	2603	Q	320100	WT Equip Non-Media	416.57 SEC
ADDITION	5	R26-03Q1.14-P-0003	Rep SCUD Chemical Feed Pumps	4/17/2014	2603	Q	320100	WT Equip Non-Media	416.57 SEC
ADDITION	5	R26-03Q1.14-P-0003	Rep SCUD Chemical Feed Pumps	4/17/2014	2603	Q	320100	WT Equip Non-Media	416.57 SEC
ADDITION	5	R26-03Q1.14-P-0003	Rep SCUD Chemical Feed Pumps	4/17/2014	2603	Q	320100	WT Equip Non-Media	416.57 SEC
ADDITION	5	R26-03Q1.14-P-0003	Rep SCUD Chemical Feed Pumps	4/17/2014	2603	Q	320100	WT Equip Non-Media	416.57 SEC
ADDITION	5	R26-03Q1.14-P-0003	Rep SCUD Chemical Feed Pumps	4/17/2014	2603	Q	320100	WT Equip Non-Media	416.52 SEC
ADDITION	5	R26-05Q1.14-P-0002	REP Whitwell #2 Raw Water Pump	2/3/2014	2605	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	5914.24 SEC
ADDITION	6	R26-03Q1.14-P-0002	REP SC Plant Turbidimeters	5/9/2014	2603	Q	320100	WT Equip Non-Media	-3809.26 SEC
ADDITION	6	R26-05Q1.14-P-0003	PUR Anthracite Filter Media	5/1/2014	2605	Q	320100	WT Equip Non-Media	-16243.5 SEC
ADDITION	5	R26-02Q1.14-P-0010	Replace Lab PH Meter	4/3/2014	2602	Q	320100	WT Equip Non-Media	-1080.5 SEC
ADDITION	5	R26-02Q1.14-P-0011	Replace Lab Fluoride Meter	4/7/2014	2602	Q	320100	WT Equip Non-Media	-2207.6 SEC
ADDITION	5	R26-02Q1.14-P-0012	Purchase Air Release Valves for #2	4/17/2014	2602	Q	320100	WT Equip Non-Media	-5957.5 SEC
ADDITION	5	R26-03Q1.14-P-0003	Rep SCUD Chemical Feed Pumps	4/17/2014	2603	Q	320100	WT Equip Non-Media	-2915.94 SEC
ADDITION	5	R26-05Q1.14-P-0002	REP Whitwell #2 Raw Water Pump	2/3/2014	2605	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	-2682.29 SEC
ADDITION	5	R26-05Q1.14-P-0002	REP Whitwell #2 Raw Water Pump	2/3/2014	2605	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	-3231.95 SEC
ADDITION	6	R26-03Q1.14-P-0002	REP SC Plant Turbidimeters	5/9/2014	2603	Q	304300	Struct & Imp-Treatment	0 SEC
ADDITION	5	R26-02Q1.14-P-0011	Replace Lab Fluoride Meter	4/7/2014	2602	Q	320100	WT Equip Non-Media	0 SEC
ADDITION	5	R26-03Q1.14-P-0003	Rep SCUD Chemical Feed Pumps	4/17/2014	2603	Q	320100	WT Equip Non-Media	0 SEC
ADDITION	5	R26-02Q1.14-P-0010	Replace Lab PH Meter	4/3/2014	2602	Q	344000	Laboratory Equipment	0 SEC
ADDITION	7	R26-05Q1.14-P-0004	INS Chlorine Sensor	7/14/2014	2605	Q	320100	WT Equip Non-Media	1,509.91 SEC
ADDITION	7	R26-02Q1.14-P-0014	Replace HVAC Unit - Men' Restroom @	7/31/2014	2602	Q	304100	Struct & Imp-Supply	11,730.90 SEC
ADDITION	7	R26-02Q1.14-P-0013	Replace Carbon Slurry Line (Phase 2	6/16/2014	2602	Q	304100	Struct & Imp-Supply	24,388.64 SEC
ADDITION	9	R26-02Q1.14-P-0018	Rep Hill City Backflow Prev & Press	9/17/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	429.07 SEC
ADDITION	9	R26-02Q1.14-P-0018	Rep Hill City Backflow Prev & Press	9/17/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	39.47 SEC
ADDITION	9	R26-02Q1.14-P-0015	Replace #12 Low Service Coupling	6/25/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	(3,686.79) SEC
ADDITION	8	R26-02Q1.14-P-0015	Replace #12 Low Service Coupling	6/25/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	3,686.79 SEC
ADDITION	9	R26-02Q1.14-P-0018	Rep Hill City Backflow Prev & Press	9/17/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	4,951.93 SEC
ADDITION	7	R26-02Q1.14-P-0017	Install 6 Valve at Citico Campus @	7/16/2014	2602	Q	309000	Supply Mains	9,413.95 SEC
ADDITION	7	R26-02Q1.14-P-0015	Replace #12 Low Service Coupling	6/25/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	(3,686.79) SEC
ADDITION	7	R26-02Q1.14-P-0013	Replace Carbon Slurry Line (Phase 2	6/16/2014	2602	Q	304100	Struct & Imp-Supply	(24,388.64) SEC
ADDITION	7	R26-02Q1.14-P-0015	Replace #12 Low Service Coupling	6/25/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	3,686.79 SEC
ADDITION	7	R26-05Q1.14-P-0004	INS Chlorine Sensor	7/14/2014	2605	Q	320100	WT Equip Non-Media	138.91 SEC
ADDITION	7	R26-02Q1.14-P-0017	Install 6 Valve at Citico Campus @	7/16/2014	2602	Q	309000	Supply Mains	447.78 SEC
ADDITION	7	R26-02Q1.14-P-0013	Replace Carbon Slurry Line (Phase 2	6/16/2014	2602	Q	304100	Struct & Imp-Supply	2,243.75 SEC
ADDITION	8	R26-02Q1.14-P-0015	Replace #12 Low Service Coupling	6/25/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	(3,686.79) SEC
ADDITION	8	R26-02Q1.14-P-0014	Replace HVAC Unit - Men' Restroom @	7/31/2014	2602	Q	304100	Struct & Imp-Supply	11,730.90 SEC
ADDITION	8	R26-05Q1.14-P-0004	INS Chlorine Sensor	7/14/2014	2605	Q	320100	WT Equip Non-Media	1,648.82 SEC
ADDITION	8	R26-02Q1.14-P-0002	Replace N.End F/H #2 Surface Wash L	3/27/2014	2602	Q	320100	WT Equip Non-Media	7,449.28 SEC
ADDITION	7	R26-02Q1.14-P-0003	Rehabilitation of Hill City #7 Pump	4/9/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	67,752.12 SEC
ADDITION	8	R26-02Q1.14-P-0014	Replace HVAC Unit - Men' Restroom @	7/31/2014	2602	Q	304100	Struct & Imp-Supply	(11,730.90) SEC
ADDITION	8	R26-05Q1.14-P-0004	INS Chlorine Sensor	7/14/2014	2605	Q	320100	WT Equip Non-Media	(1,648.82) SEC
ADDITION	8	R26-02Q1.14-P-0002	Replace N.End F/H #2 Surface Wash L	3/27/2014	2602	Q	320100	WT Equip Non-Media	(7,449.28) SEC
ADDITION	7	R26-02Q1.14-P-0003	Rehabilitation of Hill City #7 Pump	4/9/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	(67,752.12) SEC
ADDITION	7	R26-02Q1.14-P-0003	Rehabilitation of Hill City #7 Pump	4/9/2014	2602	Q	311200	Pump Eqp Electric	- SEC
ADDITION	12	R26-02Q1.14-P-0035	Replace Roof @ Citico Office	12/17/2014	2602	Q	304100	Struct & Imp-Supply	-133.43 SEC
ADDITION	12	R26-02Q1.14-P-0031	Replace Roof @ Rossville Station	12/15/2014	2602	Q	304100	Struct & Imp-Supply	9051.61 SEC
ADDITION	12	R26-02Q1.14-P-0006	Citico Station WTP Filter #4 Rehab	8/29/2014	2602	Q	320100	WT Equip Non-Media	-333.91 SEC
ADDITION	12	R26-02Q1.14-P-0036	Replace Roof @ Screen House Buildin	12/17/2014	2602	Q	304100	Struct & Imp-Supply	-45.53 SEC
ADDITION	12	R26-02Q1.14-P-0037	Plant 1 Post Chlorine Feed Line Rep	12/17/2014	2602	Q	320100	WT Equip Non-Media	-12.87 SEC
ADDITION	12	R26-02Q1.14-P-0031	Replace Roof @ Rossville Station	12/15/2014	2602	Q	304100	Struct & Imp-Supply	1709.81 SEC
ADDITION	12	R26-02Q1.14-P-0035	Replace Roof @ Citico Office	12/17/2014	2602	Q	304100	Struct & Imp-Supply	4749.84 SEC
ADDITION	12	R26-02Q1.14-P-0036	Replace Roof @ Screen House Buildin	12/17/2014	2602	Q	304100	Struct & Imp-Supply	699.93 SEC
ADDITION	12	R26-02Q1.14-P-0033	Replace Roof @ New York Station	12/15/2014	2602	Q	304100	Struct & Imp-Supply	344.97 SEC
ADDITION	12	R26-02Q1.14-P-0036	Replace Roof @ Screen House Buildin	12/17/2014	2602	Q	304100	Struct & Imp-Supply	10154.51 SEC
ADDITION	10	R26-02Q1.14-P-0015	Replace #12 Low Service Coupling	6/25/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	3686.79 SEC
ADDITION	12	R26-02Q1.14-P-0032	Replace Roof @ Red Bank Station	12/15/2014	2602	Q	304100	Struct & Imp-Supply	1364.45 SEC
ADDITION	11	R26-02Q1.14-P-0019	Replace (2) Multilins @ Citico Pump	11/18/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	4679.51 SEC
ADDITION	12	R26-02Q1.14-P-0032	Replace Roof @ Red Bank Station	12/15/2014	2602	Q	304100	Struct & Imp-Supply	-6.12 SEC
ADDITION	12	R26-02Q1.14-P-0033	Replace Roof @ New York Station	12/15/2014	2602	Q	304100	Struct & Imp-Supply	-52.17 SEC
ADDITION	12	R26-02Q1.14-P-0031	Replace Roof @ Rossville Station	12/15/2014	2602	Q	304100	Struct & Imp-Supply	-40.59 SEC
ADDITION	12	R26-02Q1.14-P-0034	Replace Roof @ Elder Mtn. Station	12/17/2014	2602	Q	304100	Struct & Imp-Supply	-38.11 SEC
ADDITION	12	R26-02Q1.14-P-0037	Plant 1 Post Chlorine Feed Line Rep	12/17/2014	2602	Q	320100	WT Equip Non-Media	2869.41 SEC
ADDITION	12	R26-02Q1.14-P-0033	Replace Roof @ New York Station	12/15/2014	2602	Q	304100	Struct & Imp-Supply	11634.2 SEC
ADDITION	12	R26-02Q1.14-P-0034	Replace Roof @ Elder Mtn. Station	12/17/2014	2602	Q	304100	Struct & Imp-Supply	8500.16 SEC
ADDITION	12	R26-02Q1.14-P-0035	Replace Roof @ Citico Office	12/17/2014	2602	Q	304100	Struct & Imp-Supply	29756.07 SEC
ADDITION	12	R26-02Q1.14-P-0034	Replace Roof @ Elder Mtn. Station	12/17/2014	2602	Q	304100	Struct & Imp-Supply	714.92 SEC
ADDITION	12	R26-02Q1.14-P-0006	Citico Station WTP Filter #4 Rehab	8/29/2014	2602	Q	320100	WT Equip Non-Media	334218.84 SEC
ADDITION	12	R26-02Q1.14-P-0032	Replace Roof @ Red Bank Station	12/15/2014	2602	Q	304100	Struct & Imp-Supply	1249.08 SEC
ADDITION	11	R26-02Q1.14-P-0015	Replace #12 Low Service Coupling	6/25/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	0 SEC

ADDITION	11	R26-02Q1.13-P-0027	Repl UPS Battery Back Ups @ Citico	4/17/2014	2602	Q	310000	Power Generation Equip	25066.08 SEC
ADDITION	10	R26-02Q1.14-P-0015	Replace #12 Low Service Coupling	6/25/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	22443.53 SEC
ADDITION	10	R26-02Q1.14-P-0018	Rep Hill City Backflow Prev & Press	9/17/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	5420.47 SEC
ADDITION	10	R26-02Q1.14-P-0017	Install 6 Valve at Citico Campus @	7/16/2014	2602	Q	309000	Supply Mains	9861.73 SEC
ADDITION	10	R26-02Q1.14-P-0013	Replace Carbon Slurry Line (Phase 2	6/16/2014	2602	Q	304100	Struct & Imp-Supply	40890.08 SEC
ADDITION	10	R26-05Q1.14-P-0002	REP Whitwell #2 Raw Water Pump	2/3/2014	2605	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	0 SEC
ADDITION	10	R26-02Q1.14-P-0014	Replace HVAC Unit - Men' Restroom @	7/31/2014	2602	Q	304100	Struct & Imp-Supply	0 SEC
ADDITION	12	R26-02Q1.14-P-0019	Replace (2) Multilins @ Citico Pump	11/18/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	4679.51 SEC
ADDITION	11	R26-02Q1.14-P-0015	Replace #12 Low Service Coupling	6/25/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	-3686.79 SEC
ADDITION	11	R26-02Q1.13-P-0027	Repl UPS Battery Back Ups @ Citico	4/17/2014	2602	Q	310000	Power Generation Equip	-25066.08 SEC
ADDITION	10	R26-02Q1.14-P-0015	Replace #12 Low Service Coupling	6/25/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	-22443.53 SEC
ADDITION	10	R26-02Q1.14-P-0018	Rep Hill City Backflow Prev & Press	9/17/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	-5420.47 SEC
ADDITION	10	R26-02Q1.14-P-0017	Install 6 Valve at Citico Campus @	7/16/2014	2602	Q	309000	Supply Mains	-9861.73 SEC
ADDITION	10	R26-02Q1.14-P-0013	Replace Carbon Slurry Line (Phase 2	6/16/2014	2602	Q	304100	Struct & Imp-Supply	-40890.08 SEC
ADDITION	12	R26-02Q1.14-P-0019	Replace (2) Multilins @ Citico Pump	11/18/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	-4679.51 SEC
ADDITION	10	R26-02Q1.14-P-0020	Replace New Impeller for St. Elmo #	8/28/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	9630.61 SEC
ADDITION	11	R26-02Q1.14-P-0015	Replace #12 Low Service Coupling	6/25/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	0 SEC
ADDITION	10	R26-02Q1.14-P-0013	Replace Carbon Slurry Line (Phase 2	6/16/2014	2602	Q	320100	WT Equip Non-Media	0 SEC
ADDITION	5	R26-05R1.14-P-0002	Repair Whitwell Tank	5/1/2014	2605	R	330000	Dist Reservoirs & Standpipes	18565.68 QIIP
ADDITION	6	R26-05R1.14-P-0002	Repair Whitwell Tank	5/1/2014	2605	R	330000	Dist Reservoirs & Standpipes	18565.68 QIIP
ADDITION	6	R26-05R1.14-P-0002	Repair Whitwell Tank	5/1/2014	2605	R	330000	Dist Reservoirs & Standpipes	-18565.68 QIIP
ADDITION	6	R26-05R1.14-P-0002	Repair Whitwell Tank	5/1/2014	2605	R	330200	Ground Level Tanks	0 QIIP
ADDITION	7	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	372,778.74 QIIP
ADDITION	8	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	(23,267.21) QIIP
ADDITION	9	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	248,482.92 QIIP
ADDITION	9	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	1,275.68 QIIP
ADDITION	9	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	533.47 QIIP
ADDITION	8	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	378,252.82 QIIP
ADDITION	9	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	1,361.17 QIIP
ADDITION	8	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	(254,172.81) QIIP
ADDITION	9	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	(287,915.91) QIIP
ADDITION	7	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	258,674.79 QIIP
ADDITION	7	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	41,222.13 QIIP
ADDITION	7	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	1,653,302.16 QIIP
ADDITION	12	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	-769.24 QIIP
ADDITION	12	R26-02R1.14-P-0002	TANK EVALUATION FOR CLEARWELL NO.2	7/30/2014	2602	R	330000	Dist Reservoirs & Standpipes	-52.65 QIIP
ADDITION	12	R26-03R1.14-P-0002	TANK EVALUATION FOR SUCK CREEK TANK	7/31/2014	2603	R	330000	Dist Reservoirs & Standpipes	-11.02 QIIP
ADDITION	10	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	39884.12 QIIP
ADDITION	11	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	8261.29 QIIP
ADDITION	12	R26-02R1.14-P-0002	TANK EVALUATION FOR CLEARWELL NO.2	7/30/2014	2602	R	330000	Dist Reservoirs & Standpipes	1759.31 QIIP
ADDITION	10	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	272.78 QIIP
ADDITION	10	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	212040.85 QIIP
ADDITION	10	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	-248179.6 QIIP
ADDITION	12	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	-61665.67 QIIP
ADDITION	11	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	-122244.19 QIIP
ADDITION	12	R26-03R1.14-P-0002	TANK EVALUATION FOR SUCK CREEK TANK	7/31/2014	2603	R	330000	Dist Reservoirs & Standpipes	13.37 QIIP
ADDITION	12	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	62590.42 QIIP
ADDITION	12	R26-02R1.14-P-0002	TANK EVALUATION FOR CLEARWELL NO.2	7/30/2014	2602	R	330000	Dist Reservoirs & Standpipes	1000 QIIP
ADDITION	12	R26-03R1.14-P-0002	TANK EVALUATION FOR SUCK CREEK TANK	7/31/2014	2603	R	330000	Dist Reservoirs & Standpipes	1557 QIIP
ADDITION	12	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	-5379.39 QIIP
ADDITION	10	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	-3551.81 QIIP
ADDITION	11	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	3193.99 QIIP
ADDITION	11	R26-02R1.13-P-0002	Aldrich Unit #7 and #8 Rehabilitati	7/25/2014	2602	R	320100	WT Equip Non-Media	62247.76 QIIP
ADDITION	12	R26-02R1.12-P-0001	Clearwell No 2 Rehabilitation AS	11/26/2012	2602	R	330003	Tank Repainting	882262.11 QIIP
ADDITION	12	R26-02R1.12-P-0001	Clearwell No 2 Rehabilitation AS	11/26/2012	2602	R	330003	Tank Repainting	-1.02 QIIP
ADDITION	12	R26-02R1.12-P-0001	Clearwell No 2 Rehabilitation AS	11/26/2012	2602	R	330003	Tank Repainting	-909714.08 QIIP
ADDITION	12	R26-02R1.12-P-0001	Clearwell No 2 Rehabilitation AS	11/26/2012	2602	R	330003	Tank Repainting	27452.99 QIIP
Cost Of Removal	12	R26-02B1.14-P-0004	DAYTON BLVD 2-6" STUB OUTS FOR FUTU	5/9/2014	2602	B	331001	TD Mains Not Classified	1834.86 QIIP
Cost Of Removal	12	R26-02B1.14-P-0005	Silverdale Wrkhouse 12" main instal	8/18/2014	2602	B	331001	TD Mains Not Classified	1668.5 QIIP
Cost Of Removal	12	R26-02B1.14-P-0005	Silverdale Wrkhouse 12" main instal	8/18/2014	2602	B	331001	TD Mains Not Classified	625.68 QIIP
Cost Of Removal	12	R26-02B1.13-P-0016	OAK ST AND GLENN AVE 4" MAIN EXTENS	5/20/2014	2602	B	333000	Services	1829.05 QIIP
Cost Of Removal	12	R26-02B1.13-P-0019	INSTALL 780' - 8" MAIN IN ARLINGTON	7/10/2014	2602	B	333000	Services	3531.42 QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	16.94 QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	39.44 QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	552.24 QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	10.27 QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	60.39 QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	144.52 QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	34.51 QIIP

Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	225.66 QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	243.24 QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	146.69 QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	43.13 QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	189.82 QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	254.53 QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	60.39 QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	51.77 QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	10.27 QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	10.27 QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	10.27 QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	594.92 QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	8,016.62 QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	43.13 QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	1,191.28 QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	216.94 QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	30.81 QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	573.56 QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	755.16 QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	128.59 QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	60.39 QIIP
Cost Of Removal	2	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	110.12 QIIP
Cost Of Removal	12	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	3030.71 QIIP
Cost Of Removal	12	R26-02D1.14-P-0002	INSTALL 6" & 4" MAIN IN STRINGER ST	1/22/2014	2602	D	331001	TD Mains Not Classified	3030.74 QIIP
Cost Of Removal	12	R26-02D1.14-P-0007	OCHS HIGHWAY @ GUILD TRAIL RELOCATI	3/27/2014	2602	D	333000	Services	4302.21 QIIP
Cost Of Removal	1	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334200	Meter Installations	5,428.16 QIIP
Cost Of Removal	2	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334200	Meter Installations	5,756.17 QIIP
Cost Of Removal	2	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334200	Meter Installations	1,562.62 QIIP
Cost Of Removal	3	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334200	Meter Installations	11,814.47 QIIP
Cost Of Removal	7	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100	WT Equip Non-Media	1599.54 SEC
Cost Of Removal	9	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100	WT Equip Non-Media	4333.78 SEC
Cost Of Removal	6	R26-03Q1.14-P-0002	REP SC Plant Turbidimeters	5/9/2014	2603	Q	304300	Struct & Imp-Treatment	200.47 SEC
Cost Of Removal	6	R26-03Q1.14-P-0002	REP SC Plant Turbidimeters	5/9/2014	2603	Q	304300	Struct & Imp-Treatment	0.01 SEC
Cost Of Removal	5	R26-02Q1.14-P-0010	Replace Lab PH Meter	4/3/2014	2602	Q	320100	WT Equip Non-Media	0.02 SEC
Cost Of Removal	5	R26-02Q1.14-P-0011	Replace Lab Fluoride Meter	4/7/2014	2602	Q	320100	WT Equip Non-Media	0.02 SEC
Cost Of Removal	5	R26-02Q1.14-P-0011	Replace Lab Fluoride Meter	4/7/2014	2602	Q	320100	WT Equip Non-Media	23.14 SEC
Cost Of Removal	5	R26-03Q1.14-P-0003	Rep SCUD Chemical Feed Pumps	4/17/2014	2603	Q	320100	WT Equip Non-Media	153.00 SEC
Cost Of Removal	5	R26-03Q1.14-P-0003	Rep SCUD Chemical Feed Pumps	4/17/2014	2603	Q	320100	WT Equip Non-Media	0.45 SEC
Cost Of Removal	5	R26-02Q1.14-P-0010	Replace Lab PH Meter	4/3/2014	2602	Q	344000	Laboratory Equipment	11.86 SEC
Cost Of Removal	8	R26-02Q1.14-P-0014	Replace HVAC Unit - Men' Restroom @	7/31/2014	2602	Q	304100	Struct & Imp-Supply	102.01 SEC
Cost Of Removal	7	R26-02Q1.14-P-0003	Rehabilitation of Hill City #7 Pump	4/9/2014	2602	Q	311200	Pump Eqp Electric	614.45 SEC
Cost Of Removal	7	R26-02Q1.14-P-0003	Rehabilitation of Hill City #7 Pump	4/9/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	65.03 SEC
Cost Of Removal	8	R26-02Q1.14-P-0002	Replace N.End F/H #2 Surface Wash L	3/27/2014	2602	Q	320100	WT Equip Non-Media	212.52 SEC
Cost Of Removal	10	R26-02Q1.14-P-0013	Replace Carbon Slurry Line (Phase 2	6/16/2014	2602	Q	304100	Struct & Imp-Supply	14.96 SEC
Cost Of Removal	11	R26-02Q1.13-P-0027	Repl UPS Battery Back Ups @ Citico	4/17/2014	2602	Q	310000	Power Generation Equip	114.68 SEC
Cost Of Removal	10	R26-02Q1.14-P-0015	Replace #12 Low Service Coupling	6/25/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	694.15 SEC
Cost Of Removal	10	R26-02Q1.14-P-0018	Rep Hill City Backflow Prev & Press	9/17/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	10.63 SEC
Cost Of Removal	10	R26-02Q1.14-P-0020	Replace New Impeller for St. Elmo #	8/28/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	1.59 SEC
Cost Of Removal	12	R26-02Q1.14-P-0019	Replace (2) Multilins @ Citico Pump	11/18/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	1.02 SEC
Cost Of Removal	10	R26-02Q1.14-P-0013	Replace Carbon Slurry Line (Phase 2	6/16/2014	2602	Q	320100	WT Equip Non-Media	396.75 SEC
Cost Of Removal	6	R26-05R1.14-P-0002	Repair Whitwell Tank	5/1/2014	2605	R	330000	Dist Reservoirs & Standpipes	0.11 QIIP
Cost Of Removal	6	R26-05R1.14-P-0002	Repair Whitwell Tank	5/1/2014	2605	R	330200	Ground Level Tanks	977.03 QIIP
RETIREMENT	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	-499.79 QIIP
RETIREMENT	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	-114.34 QIIP
RETIREMENT	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	-75.39 QIIP
RETIREMENT	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	-209.4 QIIP
RETIREMENT	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	-332.25 QIIP
RETIREMENT	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	-231.32 QIIP
RETIREMENT	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	-69.25 QIIP
RETIREMENT	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	-78.56 QIIP
RETIREMENT	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	-1015.99 QIIP
RETIREMENT	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	-465 QIIP
RETIREMENT	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	-0.95 QIIP
RETIREMENT	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	-9.21 QIIP
RETIREMENT	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	-90.09 QIIP
RETIREMENT	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	-276.81 QIIP
RETIREMENT	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	-141.52 QIIP
RETIREMENT	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	-4.79 QIIP
RETIREMENT	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	-364.9 QIIP

RETIREMENT	4	R26-02C1.13-P-0001	Mains - Unscheduled Blanket	1/0/1900	2602	C	331001	TD Mains Not Classified	-16.9 QIIP
RETIREMENT	3	R26-02J1.13-P-0001	Meters-Replaced -Blanket	1/0/1900	2602	J	334200	Meter Installations	(1,923.20) QIIP
RETIREMENT	7	R26-02L1.14-P-0002	Remove and Replace Controlles in th	4/8/2014	2602	L	320100	WT Equip Non-Media	(12,364.70) SEC
RETIREMENT	5	R26-02Q1.14-P-0003	Rehabilitation of Hill City #7 Pump	4/9/2014	2602	Q	311200	Pump Eqp Electric	-5857.07 SEC
RETIREMENT	5	R26-02Q1.14-P-0010	Replace Lab PH Meter	4/3/2014	2602	Q	344000	Laboratory Equipment	-452.47 SEC
RETIREMENT	5	R26-02Q1.14-P-0011	Replace Lab Fluoride Meter	4/7/2014	2602	Q	320100	WT Equip Non-Media	-1168.62 SEC
RETIREMENT	5	R26-03Q1.14-P-0003	Rep SCUD Chemical Feed Pumps	4/17/2014	2603	Q	320100	WT Equip Non-Media	-1688.21 SEC
RETIREMENT	6	R26-03Q1.14-P-0002	REP SC Plant Turbidimeters	5/9/2014	2603	Q	304300	Struct & Imp-Treatment	-2283.91 SEC
RETIREMENT	9	R26-02Q1.14-P-0014	Replace HVAC Unit - Men' Restroom @	7/31/2014	2602	Q	304300	Struct & Imp-Pumping	(936.91) SEC
RETIREMENT	7	R26-02Q1.14-P-0013	Replace Carbon Slurry Line (Phase 2	6/16/2014	2602	Q	320100	WT Equip Non-Media	(8,488.42) SEC
RETIREMENT	8	R26-02Q1.14-P-0002	Replace N.End F/H #2 Surface Wash L	3/27/2014	2602	Q	320100	WT Equip Non-Media	(1,745.48) SEC
RETIREMENT	11	R26-02Q1.14-P-0020	Replace New Impeller for St. Elmo #	8/28/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	-8400.03 SEC
RETIREMENT	11	R26-02Q1.14-P-0015	Replace #12 Low Service Coupling	6/25/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	-15660.6 SEC
RETIREMENT	11	R26-02Q1.14-P-0018	Rep Hill City Backflow Prev & Press	9/17/2014	2602	Q	311520	Pumping Equipment-Source of Supply and Pumping Plant	-4734.66 SEC
RETIREMENT	11	R26-02Q1.14-P-0022	Retiring Old Laboratory Equipment,	8/26/2014	2602	Q	344000	Laboratory Equipment	-58387.13 SEC
RETIREMENT	11	R26-02Q1.14-P-0022	Retiring Old Laboratory Equipment,	8/26/2014	2602	Q	344000	Laboratory Equipment	-5128.48 SEC
RETIREMENT	11	R26-02Q1.14-P-0022	Retiring Old Laboratory Equipment,	8/26/2014	2602	Q	344000	Laboratory Equipment	-79693.62 SEC
RETIREMENT	11	R26-02Q1.14-P-0022	Retiring Old Laboratory Equipment,	8/26/2014	2602	Q	344000	Laboratory Equipment	-3617.04 SEC
RETIREMENT	11	R26-02Q1.14-P-0021	Repl Chemical Breakroom Cabinets &	9/30/2014	2602	Q	304300	Struct & Imp-Treatment	-1074.17 SEC
RETIREMENT	12	R26-02Q1.14-P-0019	Replace (2) Multilins @ Citico Pump	11/18/2014	2602	Q	311520	Pump Eqp Other	-4813.8 SEC
RETIREMENT	12	R26-02Q1.14-P-0025	Repl. Light Fixtures @ Citico H.S.	11/19/2014	2602	Q	304300	Struct & Imp-Pumping	-691.85 SEC
RETIREMENT	6	R26-05R1.14-P-0002	Repair Whitwell Tank	5/1/2014	2605	R	330200	Ground Level Tanks	-446 QIIP

Type	ADDITION
Eligibility	(Multiple Items)

Sum of Amount			Period		
Project #	UA Naruc	Utility account	1	2	3
B	Hydrants	335000			
	Services	333000			
	TD Mains Not Classified	331001			
B Total					
C	TD Mains Not Classified	331001	114,817.06	151,096.86	6,845.37
C Total			**114,817.06**	**151,096.86**	**6,845.37**
D	Services	333000			
	TD Mains Not Classified	331001		28,675.16	305.77
D Total				**28,675.16**	**305.77**
E	Hydrants	335000	3,632.24	5,568.35	(551.07)
	TD Mains Not Classified	331001	(511.54)	706.48	100.71
E Total			**3,120.70**	**6,274.83**	**(450.36)**
F	Hydrants	335000	15,431.16	5,410.41	14,517.42
	TD Mains Not Classified	331001		45.84	
F Total			**15,431.16**	**5,456.25**	**14,517.42**
H	Services	333000	105,367.65	34,859.31	(4,247.96)
H Total			**105,367.65**	**34,859.31**	**(4,247.96)**
J	Meter Installations	334200	5,291.11	4,211.06	11,079.37
	Meters	334100	8,881.73	7,456.77	11,972.20
J Total			**14,172.84**	**11,667.83**	**23,051.57**
L	Comm Equip Non-Telephone	346100			
	Comp & Periph Equip	340200			
	Remote Control & Instrument	346190			
	WT Equip Non-Media	320100			
L Total					
M	Struct & Imp-General	304500			
M Total					
Q	Laboratory Equipment	344000			
	Power Generation Equip	310000			
	Pump Eqp Electric	311200			
	Pumping Equipment-Source of S	311520		2,682.29	3,231.95
	Struct & Imp-Supply	304100			
	Struct & Imp-Treatment	304300			
	Supply Mains	309000			
	WT Equip Non-Media	320100			7,449.28

Q Total				**2,682.29**	**10,681.23**
R	**Dist Reservoirs & Standpipes**	330000			
	Ground Level Tanks	330200			
	Tank Repainting	330003			
	WT Equip Non-Media	320100			
R Total					
Grand Total			**252,909.41**	**240,712.53**	**50,703.04**

4	5	6	7	8	9	10	11	12	Grand Total
		61.93	45.25	191.62	(69.53)	(66.11)		27,120.21	27,283.37
		420.02	49.63	262.61	(95.30)	(90.61)		21,629.02	22,175.37
153,236.73	86,865.39	14,922.45	133,387.66	(4,634.51)	(8,567.50)	(8,145.09)	113,053.21	324,864.54	804,982.88
153,236.73	**86,865.39**	**15,404.40**	**133,482.54**	**(4,180.28)**	**(8,732.33)**	**(8,301.81)**	**113,053.21**	**373,613.77**	**854,441.62**
70,313.40	37,910.18	84,045.50	114,754.14	66,340.74	53,046.12	121,058.76	35,513.13	123,363.34	979,104.60
70,313.40	**37,910.18**	**84,045.50**	**114,754.14**	**66,340.74**	**53,046.12**	**121,058.76**	**35,513.13**	**123,363.34**	**979,104.60**
		48.97	1.22					238.14	288.33
23,956.36	(7,444.53)	3,330.17	72.95					20,285.44	69,181.32
23,956.36	**(7,444.53)**	**3,379.14**	**74.17**					**20,523.58**	**69,469.65**
10,988.12	3,978.29	887.46	3,222.61	893.88	2,381.31	(152.85)	6,539.12	1,181.13	38,568.59
7,527.53	(3,994.65)	13,382.40	230.07	3,693.28	3,326.46	(213.49)	(276.59)	(34.87)	23,935.79
18,515.65	**(16.36)**	**14,269.86**	**3,452.68**	**4,587.16**	**5,707.77**	**(366.34)**	**6,262.53**	**1,146.26**	**62,504.38**
21,051.77	8,497.27	22,924.68	30,051.89	70,538.77	(16,789.23)	(2,800.80)	27,013.21	23,256.59	219,103.14
				4,802.14	(984.03)	(389.55)	1,410.31	16,595.19	21,479.90
21,051.77	**8,497.27**	**22,924.68**	**30,051.89**	**75,340.91**	**(17,773.26)**	**(3,190.35)**	**28,423.52**	**39,851.78**	**240,583.04**
23,357.27	(29,262.83)	95,312.72	(59,982.26)	122,738.63	(10,447.02)	62,655.07	70,280.73	31,871.28	442,502.59
23,357.27	**(29,262.83)**	**95,312.72**	**(59,982.26)**	**122,738.63**	**(10,447.02)**	**62,655.07**	**70,280.73**	**31,871.28**	**442,502.59**
16,862.61	12,806.50	26,036.99	78,327.60	111,725.59	135,382.08	146,461.90	56,157.70	14,041.67	618,384.18
2,732.62	3,559.04	3,865.40	5,474.14	(846.89)					43,095.01
19,595.23	**16,365.54**	**29,902.39**	**83,801.74**	**110,878.70**	**135,382.08**	**146,461.90**	**56,157.70**	**14,041.67**	**661,479.19**
					60,940.05	(3,634.89)		22.88	57,328.04
					17,355.61	(150.87)		0.68	17,205.42
					142,540.65	(9,107.41)	16,329.04	(4,896.87)	144,865.41
217,982.35	6,908.40		0.00	43,446.19	0.00	0.00			268,336.94
217,982.35	**6,908.40**		**0.00**	**43,446.19**	**220,836.31**	**(12,893.17)**	**16,329.04**	**(4,873.31)**	**487,735.81**
								6,193.01	6,193.01
								6,193.01	**6,193.01**
	0.00								0.00
26,637.52	(1,571.44)						0.00		25,066.08
			0.00						0.00
67,752.12	0.00	26,130.32	0.00	0.00	1,733.68	13,317.40	992.72	0.00	115,840.48
		38,646.33	13,974.65	0.00		0.00		79,613.60	132,234.58
		0.00							0.00
			9,861.73			0.00			9,861.73
12,161.54	18,214.06	(0.00)	1,648.82	(0.00)		0.00		336,741.47	376,215.17

106,551.18	**16,642.62**	**64,776.65**	**25,485.20**	**(0.00)**	**1,733.68**	**13,317.40**	**992.72**	**416,355.07**	**659,218.04**
	18,565.68	0.00						4,266.01	22,831.69
		0.00							0.00
								0.00	0.00
			2,325,977.82	100,812.80	(36,262.67)	466.34	(48,541.15)	(5,223.88)	2,337,229.26
	18,565.68	**0.00**	**2,325,977.82**	**100,812.80**	**(36,262.67)**	**466.34**	**(48,541.15)**	**(957.87)**	**2,360,060.95**
654,559.94	**155,031.36**	**330,015.34**	**2,657,097.92**	**519,964.85**	**343,490.68**	**319,207.80**	**278,471.43**	**1,021,128.58**	**6,823,292.88**

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

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date July 14, 2013
Description TN BP 2014-2018 SCEP

Line #		Business Unit No.	Project Title	Account	Account Descrip	Portion to Account	In-Service (Months)	Dep Rate	Cumulative Balance of In-Serviced Plant, from 1	2	3	4	5	6	7
1			**RECURRING PROJECTS**												
2	TN	**DV**	**Projects Funded by Others**	331001	Transmission & Distribution Mains	95.5%	3	1.25%	$ -	$ -	$ -	$ -	$ -	$ -	$ -
3	TN	**DV**		333000	Services	2.3%	3	1.11%	-	-	-	-	-	-	-
4	TN	**DV**		335000	Hydrants	2.2%	3	2.30%	-	-	-	-	-	-	-
5															
6	TN	A	Mains - New	331001	Transmission & Distribution Mains	100.0%	3	1.25%	-	-	-	-	-	-	-
7															
8	TN	B	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	96.8%	3	1.25%	-	-	-	153,237	240,102	255,025	388,412
9	TN	B		333000	Services	2.9%	3	1.11%	-	-	-	-	-	420	470
10	TN	B		335000	Hydrants	0.3%	3	2.30%	-	-	-	-	-	62	107
11															
12	TN	C	Mains - Unscheduled	331001	Transmission & Distribution Mains	100.0%	3	1.25%	114,817	265,914	272,759	343,073	380,983	465,028	579,783
13															
14	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains	96.2%	3	1.25%	-	28,675	28,981	52,937	45,493	48,823	48,896
15	TN	D		333000	Services	0.5%	3	1.11%	-	-	-	-	-	49	50
16	TN	D		335000	Hydrants	3.3%	3	0.023	-	-	-	-	-	-	-
17															
18	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	58.7%	1	1.25%	(512)	195	296	7,823	3,829	17,211	17,441
19	TN	E		335000	Hydrants	41.3%	1	2.30%	3,632	9,201	8,650	19,638	23,616	24,503	27,726
20															
21	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	64.1%	1	1.25%	-	46	46	46	46	46	46
22	TN	F		335000	Hydrants	35.9%	1	2.30%	15,431	20,842	35,359	56,411	64,908	87,833	117,885
23															
24	TN	G	Services and Laterals - New	333000	Services	100.0%	1	1.11%	44,756	84,381	101,390	152,399	244,096	321,918	357,985
25															
26	TN	H	Services and Laterals - Replaced	333000	Services	100.0%	1	1.11%	105,368	140,227	135,979	159,336	130,073	225,386	165,404
27															
28	TN	I	Meters - New	334100	Meters	64.2%	1	7.47%	7,582	65,121	72,752	77,927	89,762	97,063	114,401
29	TN	I		334200	Meter Installations	35.8%	1	2.73%	15,482	(22,304)	(8,520)	5,676	33,212	50,312	69,249
30															
31	TN	J	Meters - Replaced	334100	Meters	72.5%	1	7.47%	8,882	16,339	28,311	31,043	34,602	38,468	43,942
32	TN	J		334200	Meter Installations	27.5%	1	2.73%	5,291	9,502	20,582	37,444	50,251	76,288	154,615
33															
34	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment	100.0%	1	2.19%	-	-	-	-	-	-	-
35															
36	TN	L	SCADA Equipment and Systems	340200	Computer & Peripheral Equipment	100.0%	1	2.19%	-	-	-	-	-	-	-
37		L	SCADA Equipment and Systems	320100	WT Equip Non-Media			1.09%	-	-	-	217,982	224,891	224,891	224,891
38		L	SCADA Equipment and Systems	346100	Comm Equip Non-Telephone			4.21%	-	-	-	-	-	-	-
39		L	SCADA Equipment and Systems	346190	Remote Control & Instrument			4.21%	-	-	-	-	-	-	-
40															
41	TN	M	Security Equipment and Systems	304500	Structures & Improvement - General	100.0%	1	1.13%	-	-	-	-	-	-	-
42															
43	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General	100.0%	1	1.13%	-	-	-	-	-	-	-
44															
45	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks	19.3%	1	16.00%	-	-	-	-	-	-	-
46	TN	O		341200	Transportation Equip Hvy Duty Trucks	63.6%	1	16.62%	-	-	-	-	-	-	-
47	TN	O		341300	Transportation Equip Autos	17.1%	1	11.38%	-	-	-	-	-	-	-
48															

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STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date July 14, 2013
Description TN BP 2014-2018 SCEP

Line #		Business Unit No.	Project Title	Account	Account Descrip	Portion to Account	In-Service (Months)	Dep Rate	Cumulative Balance of In-Serviced Plant, from 1	2	3	4	5	6	7
49	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment	100.0%	1	6.89%	-	-	-	-	-	-	-
50															
51	TN	Q	Process Plant Facilities and Equipment	320200	Water Trmt Equip Filter Media	57.6%	1	33.69%	-	-	-	-	-	-	-
52	TN	Q	Process Plant Facilities and Equipment	311520	Pumping Equipment SOS	21.0%	1	1.83%	-	2,682	5,914	73,666	73,666	99,797	99,797
53	TN	Q	Process Plant Facilities and Equipment	340200	Computer & Peripheral Equipment	21.3%	1	1.98%	-	-	-	-	-	-	-
54		Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply			1.98%	-	-	-	-	-	38,646	52,621
55		Q	Process Plant Facilities and Equipment	304300	Struct & Imp-Treatment			4.11%	-	-	-	-	-	-	-
56		Q	Process Plant Facilities and Equipment	309000	Supply Mains			1.87%	-	-	-	-	-	-	9,862
57		Q	Process Plant Facilities and Equipment	310000	Power Generation Equip			12.33%	-	-	-	26,638	25,066	25,066	25,066
58		Q	Process Plant Facilities and Equipment	311200	Pump Eqp Electric			2.45%	-	-	-	-	-	-	-
59		Q	Process Plant Facilities and Equipment	320100	WT Equip Non-Media			1.09%	-	-	7,449	19,611	37,825	37,825	39,474
60		Q	Process Plant Facilities and Equipment	344000	Laboratory Equipment			1.01%	-	-	-	-	-	-	-
61															
62	TN	R	Capitalized Tank Rehabilitation/Painting	330003	Tank Repainting	100.0%	1	11.08%	-	-	-	-	-	-	-
63		R	Capitalized Tank Rehabilitation/Painting	320100	WT Equip Non-Media			1.09%	-	-	-	-	-	-	2,325,978
64		R	Capitalized Tank Rehabilitation/Painting	330000	Dist Reservoirs & Standpipes			2.08%	-	-	-	-	18,566	18,566	18,566
65		R	Capitalized Tank Rehabilitation/Painting	330200	Ground Level Tanks			2.74%	-	-	-	-	-	-	-
66															
67	TN	S	Engineering Studies	331001	Transmission & Distribution Mains	100.0%	1	1.25%	-	-	-	-	-	-	-
68			**Total Recurring Projects**						320,730	620,821	709,947	1,434,887	1,720,987	2,153,224	4,882,665
69															
70			**ACQUISITIONS**												
71															
72			**Total Acquisitions**												
73															
74			**CENTRALLY SPONSORED PROJECTS**												
75	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		1	10.00%							
76	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		1	10.00%							
77			**Total Centrally Sponsored Projects**												
78															
79			**INVESTMENT PROJECTS**												
80	TN	I26-020016	Meter shop Building Additions				12/31/2016								
81	TN	I26-020017	Electrical Motor Efficiency Enhancement ($2.9)				12/31/2017								
82	TN	I26-020019	Interconnects Adjacent Water UD ($0.6)				12/32/2016								
83	TN	I12-020024	Install New Hill City Pumps ($0.7)				12/31/2017								
84	TN	I26-020025	Install 5,700' of 16"- East Braine ($1.0)				12/31/2016								
85	TN	I26-020026	5800'-16" Main in Navajo Dr. ($1.0)				12/31/2017								
86	TN	I26-020027	Construct 1.0MG Tank & 2500-16" ER ($1.0)												
87	TN	I26-020030	5933 lf of 20" Ringgold Rd. at I-75 ($2.1)				12/31/2013								
88	TN	I26-020028	Citico Plant Improvements Phase 1B ($8.6)				6/30/2015								
89	TN	I26-020032	Wastewater Treatm't & Handling Impr ($4.5)				4/30/2015								
90	TN	I26-020033	Convert ER Reservoir to Pump Storag ($0.25)												
91	TN	I26-020034	3000'-24" Tennessee River Crossing ($0.5)				12/31/2017								
92	TN	I26-020035	Repl Lktout Mtn Pump #4 ($0.9)				12/31/2016								
93	TN	I26-020036	New Office Building												
94	TN	I26-020022	Post Acquisition BD Capex												
95			IP Project Unbudgeted Capital												
96	TN	I26-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains	85.0%	12/31/2014	1.25%							
97	TN	I26-000001		320200	Water Trmt Equip Filter Media	6.0%	12/31/2014	33.69%							
98	TN	I26-000001		311520	Pumping Equipment SOS	4.5%	12/31/2014	1.83%							
99	TN	I26-000001		304200	Computer & Peripheral Equipment	4.5%	12/31/2014	1.98%							
100							12/31/2014								
101			**Total DV Included:**												
102															
103			**Total DV Excluded:**												
104															

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STRATEGIC CAPITAL EXPENDITURE PLAN
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Business Unit Tennessee
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Description TN BP 2014-2018 SCEP

Line #	Business Unit No.	Project Title	Account	Account Descrip	Portion to Account	In-Service (Months)	Dep Rate	Cumulative Balance of In-Serviced Plant, from 1	2	3	4	5	6	7
105		**Total Surcharge Amt:**												
106														
107		**SEC Total:**												
108														
109		**EDI Total:**												
110														
111		**QIIP Total:**												

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STRATEGIC CAPITAL EXPENDITURE PLAN
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Business Unit Tennessee
Revision Date July 14, 2013
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Line #		Business Unit No.	Project Title	Account	Account Descrip	2014 Capex, by Period 8	9	10	11	12	Surcharge
1			**RECURRING PROJECTS**								
2	TN	**DV**	**Projects Funded by Others**	331001	Transmission & Distribution Mains	$ -	$ -	$ -	$ -	$ -	
3	TN	**DV**		333000	Services	-	-	-	-	-	
4	TN	**DV**		335000	Hydrants	-	-	-	-	-	
5											
6	TN	A	Mains - New	331001	Transmission & Distribution Mains	-	-	-	-	-	EDI
7											
8	TN	B	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	383,778	375,210	367,065	480,118	804,983	QIIP
9	TN	B		333000	Services	732	637	546	546	22,175	QIIP
10	TN	B		335000	Hydrants	299	229	163	163	27,283	QIIP
11											
12	TN	C	Mains - Unscheduled	331001	Transmission & Distribution Mains	646,123	699,169	820,228	855,741	979,105	QIIP
13											
14	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains	48,896	48,896	48,896	48,896	69,181	QIIP
15	TN	D		333000	Services	50	50	50	50	288	QIIP
16	TN	D		335000	Hydrants	-	-	-	-	-	QIIP
17											
18	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	21,134	24,461	24,247	23,971	23,936	EDI
19	TN	E		335000	Hydrants	28,620	31,001	30,848	37,387	38,569	EDI
20											
21	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	4,848	3,864	3,474	4,885	21,480	QIIP
22	TN	F		335000	Hydrants	188,423	171,634	168,833	195,847	219,103	QIIP
23											
24	TN	G	Services and Laterals - New	333000	Services	493,109	506,143	601,893	745,053	709,660	
25											
26	TN	H	Services and Laterals - Replaced	333000	Services	288,143	277,696	340,351	410,631	442,503	QIIP
27											
28	TN	I	Meters - New	334100	Meters	120,513	123,951	129,873	134,440	136,631	
29	TN	I		334200	Meter Installations	118,334	112,656	127,412	139,539	144,915	
30											
31	TN	J	Meters - Replaced	334100	Meters	43,095	43,095	43,095	43,095	43,095	QIIP
32	TN	J		334200	Meter Installations	266,341	401,723	548,185	604,343	618,384	QIIP
33											
34	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment	-	-	-	-	-	
35											
36	TN	L	SCADA Equipment and Systems	340200	Computer & Peripheral Equipment	-	17,356	17,205	17,205	17,205	SEC
37		L	SCADA Equipment and Systems	320100	WT Equip Non-Media	268,337	268,337	268,337	268,337	268,337	SEC
38		L	SCADA Equipment and Systems	346100	Comm Equip Non-Telephone	-	60,940	57,305	57,305	57,328	SEC
39		L	SCADA Equipment and Systems	346190	Remote Control & Instrument	-	142,541	133,433	149,762	144,865	SEC
40											
41	TN	M	Security Equipment and Systems	304500	Structures & Improvement - General	-	-	-	-	6,193	SEC
42											
43	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General	-	-	-	-	-	
44											
45	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks	-	-	-	-	-	
46	TN	O		341200	Transportation Equip Hvy Duty Trucks	-	-	-	-	-	
47	TN	O		341300	Transportation Equip Autos	-	-	-	-	-	
48											

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STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date July 14, 2013
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Line #		Business Unit No.	Project Title	Account	Account Descrip	2014 Capex, by Period 8	9	10	11	12	Surcharge
49	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment	-	-	-	-	-	
50											
51	TN	Q	Process Plant Facilities and Equipment	320200	Water Trmt Equip Filter Media	-	-	-	-	-	SEC
52	TN	Q	Process Plant Facilities and Equipment	311520	Pumping Equipment SOS	99,797	101,530	114,848	115,840	115,840	SEC
53	TN	Q	Process Plant Facilities and Equipment	340200	Computer & Peripheral Equipment	-	-	-	-	-	SEC
54		Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	52,621	52,621	52,621	52,621	132,235	SEC
55		Q	Process Plant Facilities and Equipment	304300	Struct & Imp-Treatment	-	-	-	-	-	SEC
56		Q	Process Plant Facilities and Equipment	309000	Supply Mains	9,862	9,862	9,862	9,862	9,862	SEC
57		Q	Process Plant Facilities and Equipment	310000	Power Generation Equip	25,066	25,066	25,066	25,066	25,066	SEC
58		Q	Process Plant Facilities and Equipment	311200	Pump Eqp Electric	-	-	-	-	-	SEC
59		Q	Process Plant Facilities and Equipment	320100	WT Equip Non-Media	39,474	39,474	39,474	39,474	376,215	SEC
60		Q	Process Plant Facilities and Equipment	344000	Laboratory Equipment	-	-	-	-	-	SEC
61											
62	TN	R	Capitalized Tank Rehabilitation/Painting	330003	Tank Repainting	-	-	-	-	0	QIIP
63		R	Capitalized Tank Rehabilitation/Painting	320100	WT Equip Non-Media	2,426,791	2,390,528	2,390,994	2,342,453	2,337,229	QIIP
64		R	Capitalized Tank Rehabilitation/Painting	330000	Dist Reservoirs & Standpipes	18,566	18,566	18,566	18,566	22,832	QIIP
65		R	Capitalized Tank Rehabilitation/Painting	330200	Ground Level Tanks	-	-	-	-	-	QIIP
66											
67	TN	S	Engineering Studies	331001	Transmission & Distribution Mains	-	-	-	-	-	
68			**Total Recurring Projects**			5,592,950	5,947,235	6,382,871	6,821,195	7,814,500	
69											
70			**ACQUISITIONS**								
71											
72			**Total Acquisitions**								
73											
74			**CENTRALLY SPONSORED PROJECTS**								
75	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate						
76	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate						
77			**Total Centrally Sponsored Projects**								
78											
79			**INVESTMENT PROJECTS**								
80	TN	I26-020016	Meter shop Building Additions								
81	TN	I26-020017	Electrical Motor Efficiency Enhancement ($2.9)								
82	TN	I26-020019	Interconnects Adjacent Water UD ($0.6)								
83	TN	I12-020024	Install New Hill City Pumps ($0.7)								SEC
84	TN	I26-020025	Install 5,700' of 16"- East Braine ($1.0)								
85	TN	I26-020026	5800'-16" Main in Navajo Dr. ($1.0)								
86	TN	I26-020027	Construct 1.0MG Tank & 2500-16" ER ($1.0)								
87	TN	I26-020030	5933 lf of 20" Ringgold Rd. at I-75 ($2.1)								
88	TN	I26-020028	Citico Plant Improvements Phase 1B ($8.6)								QIIP
89	TN	I26-020032	Wastewater Treatm't & Handling Impr ($4.5)								SEC
90	TN	I26-020033	Convert ER Reservoir to Pump Storag ($0.25)								
91	TN	I26-020034	3000'-24" Tennessee River Crossing ($0.5)								EDI
92	TN	I26-020035	Repl Lktout Mtn Pump #4 ($0.9)								
93	TN	I26-020036	New Office Building								
94	TN	I26-020022	Post Acquisition BD Capex								
95			IP Project Unbudgeted Capital								
96	TN	I26-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains						QIIP
97	TN	I26-000001		320200	Water Trmt Equip Filter Media						QIIP
98	TN	I26-000001		311520	Pumping Equipment SOS						QIIP
99	TN	I26-000001		304200	Computer & Peripheral Equipment						QIIP
100											
101			**Total DV Included:**								
102											
103			**Total DV Excluded:**								
104											

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Line #	Business Unit No.	Project Title	Account	Account Descrip	2014 Capex, by Period 8	9	10	11	12	Surcharge
105		**Total Surcharge Amt:**								
106										
107		**SEC Total:**								
108										
109		**EDI Total:**								
110										
111		**QIIP Total:**								

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Business Unit Tennessee
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Line #		Business Unit No.	Project Title	Account	Account Descrip	Amounts for Surcharge: Average Plant in Service	Average Retires (Replacement Projects Only)	Average CIAC	Depreciation Expense	Cost of Removal Less Salvage	Tax Depr class life	Tax Depr Rate	Tax Depreciation	Tax over Book Depreciation	Tax Rate
1			**RECURRING PROJECTS**												
2	TN	**DV**	**Projects Funded by Others**	331001	Transmission & Distribution Mains	$ -	$ -		$ -	$ -	25 yr	0.02	$ -	$ -	0.39225
3	TN	**DV**		333000	Services	-	-		-	-	25 yr	0.02	-	-	0.39225
4	TN	**DV**		335000	Hydrants	-	-		-	-	25 yr	0.02	-	-	0.39225
5															
6	TN	A	Mains - New	331001	Transmission & Distribution Mains	-	-		-	-	25 yr	0.02	-	-	0.39225
7															
8	TN	B	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	287,327	-		2,753	344	25 yr	0.02	4,405	1,652	0.39225
9	TN	B		333000	Services	2,127	-		3	447	25 yr	0.02	6	2	0.39225
10	TN	B		335000	Hydrants	2,359	-		2	-	25 yr	0.02	2	(0)	0.39225
11															
12	TN	C	Mains - Unscheduled	331001	Transmission & Distribution Mains	535,227	(2,997)		5,637	12,674	25 yr	0.02	9,019	3,382	0.39225
13															
14	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains	43,214	-		468	505	25 yr	0.02	749	281	0.39225
15	TN	D		333000	Services	49	-		0	359	25 yr	0.02	0	0	0.39225
16	TN	D		335000	Hydrants	-	-		-	-	25 yr	0.02	-	-	0.39225
17															
18	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	13,669	-		146	-	25 yr	0.02	233	88	0.39225
19	TN	E		335000	Hydrants	23,616	-		469	-	25 yr	0.02	408	(61)	0.39225
20															
21	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	3,235	-		18	-	25 yr	0.02	29	11	0.39225
22	TN	F		335000	Hydrants	111,876	-		2,153	-	25 yr	0.02	1,872	(281)	0.39225
23									-						
24	TN	G	Services and Laterals - New	333000	Services	363,565	-		3,379	-	25 yr	0.02	6,089	2,709	0.39225
25															
26	TN	H	Services and Laterals - Replaced	333000	Services	235,091	-		2,200	-	25 yr	0.02	3,964	1,764	0.39225
27															
28	TN	I	Meters - New	334100	Meters	97,501	-		6,433	-	25 yr	0.02	1,722	(4,711)	0.39225
29	TN	I		334200	Meter Installations	65,497	-		1,458	-	25 yr	0.02	1,068	(390)	0.39225
30															
31	TN	J	Meters - Replaced	334100	Meters	34,755	-		2,328	-	25 yr	0.02	623	(1,705)	0.39225
32	TN	J		334200	Meter Installations	232,746	(1,603)		4,908	21,982	25 yr	0.02	3,595	(1,312)	0.39225
33									-						
34	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment	-	-		-	-	5 yr	0.2	-	-	0.39225
35															
36	TN	L	SCADA Equipment and Systems	340200	Computer & Peripheral Equipment	5,748	-		94	-	5 yr	0.2	863	768	0.39225
37		L	SCADA Equipment and Systems	320100	WT Equip Non-Media	186,195	(6,182)		1,730	2,244	25 yr	0.02	3,174	1,444	0.39225
38		L	SCADA Equipment and Systems	346100	Comm Equip Non-Telephone	19,407	-		616	-	5 yr	0.2	2,926	2,310	0.39225
39		L	SCADA Equipment and Systems	346190	Remote Control & Instrument	47,550	-		1,494	-	5 yr	0.2	7,096	5,602	0.39225
40										-					
41	TN	M	Security Equipment and Systems	304500	Structures & Improvement - General	516	-		-	-	39 yr	0.02564	-	-	0.39225
42															
43	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General	-	-		-	-	39 yr	0.02564	-	-	0.39225
44															
45	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks	-	-		-	-	5 yr	0.2	-	-	0.39225
46	TN	O		341200	Transportation Equip Hvy Duty Trucks	-	-		-	-	5 yr	0.2	-	-	0.39225
47	TN	O		341300	Transportation Equip Autos	-	-		-	-	5 yr	0.2	-	-	0.39225
48															

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

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date July 14, 2013
Description TN BP 2014-2018 SCEP

Line #		Business Unit No.	Project Title	Account	Account Descrip	Amounts for Surcharge: Average Plant in Service	Average Retires (Replacement Projects Only)	Average CIAC	Depreciation Expense	Cost of Removal Less Salvage	Tax Depr class life	Tax Depr Rate	Tax Depreciation	Tax over Book Depreciation	Tax Rate
49	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment	-	-		-	-	25 yr	0.02	-	-	0.39225
50															
51	TN	Q	Process Plant Facilities and Equipment	320200	Water Trmt Equip Filter Media	-	-		-	-	25 yr	0.02	-	-	0.39225
52	TN	Q	Process Plant Facilities and Equipment	311520	Pumping Equipment SOS	75,282	(5,200)		1,157	209	25 yr	0.02	1,265	107	0.39225
53	TN	Q	Process Plant Facilities and Equipment	340200	Computer & Peripheral Equipment	-	-		-	-	5 yr	0.2	-	-	0.39225
54		Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	36,165	-		498	46	39 yr	0.02564	644	146	0.39225
55		Q	Process Plant Facilities and Equipment	304300	Struct & Imp-Treatment	-	(1,881)		(55)	117	39 yr	0.02564	(38)	18	0.39225
56		Q	Process Plant Facilities and Equipment	309000	Supply Mains	4,931	-		77	-	25 yr	0.02	-	(77)	0.39225
57		Q	Process Plant Facilities and Equipment	310000	Power Generation Equip	18,931	-		2,077	19	25 yr	0.02	3,368	1,292	0.39225
58		Q	Process Plant Facilities and Equipment	311200	Pump Eqp Electric	-	(3,905)		(84)	307	25 yr	0.02	(68)	15	0.39225
59		Q	Process Plant Facilities and Equipment	320100	WT Equip Non-Media	56,358	(6,876)		210	305	25 yr	0.02	384	175	0.39225
60		Q	Process Plant Facilities and Equipment	344000	Laboratory Equipment	-	(24,773)		(126)	8	25 yr	0.02	(250)	(124)	0.39225
61															
62	TN	R	Capitalized Tank Rehabilitation/Painting	330003	Tank Repainting	0	-		-	-	25 yr	0.02	-	-	0.39225
63		R	Capitalized Tank Rehabilitation/Painting	320100	WT Equip Non-Media	1,184,498	-		10,788	-	25 yr	0.02	19,795	9,007	0.39225
64		R	Capitalized Tank Rehabilitation/Painting	330000	Dist Reservoirs & Standpipes	12,733	-		225	0	25 yr	0.02	217	(9)	0.39225
65		R	Capitalized Tank Rehabilitation/Painting	330200	Ground Level Tanks	-	(260)		(6)	570	25 yr	0.02	(4)	2	0.39225
66															
67	TN	S	Engineering Studies	331001	Transmission & Distribution Mains	-	-		-	-	25 yr	0.02	-	-	0.39225
68			**Total Recurring Projects**												
69															
70			**ACQUISITIONS**												
71															
72			**Total Acquisitions**												
73															
74			**CENTRALLY SPONSORED PROJECTS**												
75	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	-			0		3 yr	0.3333	-	-	0.39225
76	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate										
77			**Total Centrally Sponsored Projects**												
78															
79			**INVESTMENT PROJECTS**												
80	TN	I26-020016	Meter shop Building Additions												
81	TN	I26-020017	Electrical Motor Efficiency Enhancement ($2.9)						0						
82	TN	I26-020019	Interconnects Adjacent Water UD ($0.6)												
83	TN	I12-020024	Install New Hill City Pumps ($0.7)												
84	TN	I26-020025	Install 5,700' of 16"- East Braine ($1.0)												
85	TN	I26-020026	5800'-16" Main in Navajo Dr. ($1.0)												
86	TN	I26-020027	Construct 1.0MG Tank & 2500-16" ER ($1.0)												
87	TN	I26-020030	5933 lf of 20" Ringgold Rd. at I-75 ($2.1)												
88	TN	I26-020028	Citico Plant Improvements Phase 1B ($8.6)						0						
89	TN	I26-020032	Wastewater Treatm't & Handling Impr ($4.5)						0						
90	TN	I26-020033	Convert ER Reservoir to Pump Storag ($0.25)												
91	TN	I26-020034	3000'-24" Tennessee River Crossing ($0.5)						0						
92	TN	I26-020035	Repl Lktout Mtn Pump #4 ($0.9)												
93	TN	I26-020036	New Office Building												
94	TN	I26-020022	Post Acquisition BD Capex												
95			IP Project Unbudgeted Capital												
96	TN	I26-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains	-			0		25 yr	0.02	-	-	0.39225
97	TN	I26-000001		320200	Water Trmt Equip Filter Media	-			0		25 yr	0.02	-	-	0.39225
98	TN	I26-000001		311520	Pumping Equipment SOS	-			0		25 yr	0.02	-	-	0.39225
99	TN	I26-000001		304200	Computer & Peripheral Equipment	-			0		5 yr	0.2	-	-	0.39225
100															
101			**Total DV Included:**			**$ 3,700,168**	**$ (53,678)**	**$ -**	**$ 51,050**	**$ 40,137**			**$ 73,156**	**$ 22,106**	
102															
103			**Total DV Excluded:**			**$ 3,700,168**	**$ (53,678)**	**$ -**	**$ 51,050**	**$ 40,137**			**$ 73,156**	**$ 22,106**	
104															

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Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
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STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date July 14, 2013
Description TN BP 2014-2018 SCEP

Line #	Business Unit No.	Project Title	Account	Account Descrip	Amounts for Surcharge: Average Plant in Service	Average Retires (Replacement Projects Only)	Average CIAC	Depreciation Expense	Cost of Removal Less Salvage	Tax Depr class life	Tax Depr Rate	Tax Depreciation	Tax over Book Depreciation	Tax Rate
105		**Total Surcharge Amt:**			**$ 3,173,604**	**$ (53,678)**	**$ -**	**$ 39,780**	**$ 40,137**			**$ 64,277**	**$ 24,497**	
106														
107		**SEC Total:**			**$ 451,081**	**$ (48,817)**	**$ -**	**$ 7,686**	**$ 3,256**			**$ 19,363**	**$ 11,677**	
108														
109		**EDI Total:**			**$ 37,285**	**$ -**	**$ -**	**$ 615**	**$ -**			**$ 642**	**$ 26**	
110														
111		**QIIP Total:**			**$ 2,685,237**	**$ (4,860)**	**$ -**	**$ 31,478**	**$ 36,881**			**$ 44,272**	**$ 12,794**	

Tennessee American Water Company
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STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date July 14, 2013
Description TN BP 2014-2018 SCEP

Line #		Business Unit No.	Project Title	Account	Account Descrip	Depreciation Deferred Tax (DTL/ (DTA))	NOTES	Average Accum Dep	Average Depreciation Deferred Tax (DTA, (DTL))	Actual Retirements	Actual COR Less Salvage
1			**RECURRING PROJECTS**								
2	TN	**DV**	**Projects Funded by Others**	331001	Transmission & Distribution Mains	$ -	This should be zero if related to non-taxable CIAC		-	$ -	$ -
3	TN	**DV**		333000	Services	-	This should be zero if related to non-taxable CIAC		-	-	-
4	TN	**DV**		335000	Hydrants	-	This should be zero if related to non-taxable CIAC		-	-	-
5											
6	TN	A	Mains - New	331001	Transmission & Distribution Mains	-			-	-	-
7											
8	TN	B	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	(648)		(890)	(209)	-	4,129
9	TN	B		333000	Services	(1)		(1)	(0)	-	5,360
10	TN	B		335000	Hydrants	0		(1)	0	-	-
11											
12	TN	C	Mains - Unscheduled	331001	Transmission & Distribution Mains	(1,327)		(2,128)	(501)	(3,996)	13,826
13											
14	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains	(110)		(201)	(47)	-	6,061
15	TN	D		333000	Services	(0)		(0)	(0)	-	4,302
16	TN	D		335000	Hydrants	-		-	-	-	-
17											
18	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	(34)		(44)	(10)	-	-
19	TN	E		335000	Hydrants	24		(180)	9	-	-
20											
21	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	(4)		(4)	(1)	-	-
22	TN	F		335000	Hydrants	110		(722)	37	-	-
23											
24	TN	G	Services and Laterals - New	333000	Services	(1,063)		(1,105)	(348)	-	-
25											
26	TN	H	Services and Laterals - Replaced	333000	Services	(692)		(865)	(272)	-	-
27											
28	TN	I	Meters - New	334100	Meters	1,848		(2,616)	752	-	-
29	TN	I		334200	Meter Installations	153		(380)	40	-	-
30											
31	TN	J	Meters - Replaced	334100	Meters	669		(979)	281	-	-
32	TN	J		334200	Meter Installations	515		(1,157)	121	(1,923)	24,561
33											
34	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment	-		-	-	-	-
35											
36	TN	L	SCADA Equipment and Systems	340200	Computer & Peripheral Equipment	(301)		(16)	(50)	-	-
37		L	SCADA Equipment and Systems	320100	WT Equip Non-Media	(566)		(627)	(205)	(12,365)	5,933
38		L	SCADA Equipment and Systems	346100	Comm Equip Non-Telephone	(906)		(104)	(153)	-	-
39		L	SCADA Equipment and Systems	346190	Remote Control & Instrument	(2,197)		(247)	(363)	-	-
40											
41	TN	M	Security Equipment and Systems	304500	Structures & Improvement - General	-		-	-	-	-
42											
43	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General	-		-	-	-	-
44											
45	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks	-		-	-	-	-
46	TN	O		341200	Transportation Equip Hvy Duty Trucks	-		-	-	-	-
47	TN	O		341300	Transportation Equip Autos	-		-	-	-	-
48											

Tennessee American Water Company
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Safety and Environmental Compliance Rider

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date July 14, 2013
Description TN BP 2014-2018 SCEP

Line #		Business Unit No.	Project Title	Account	Account Descrip	Depreciation Deferred Tax (DTL/ (DTA))	NOTES	Average Accum Dep	Average Depreciation Deferred Tax (DTA, (DTL))	Actual Retirements	Actual COR Less Salvage
49	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment	-		-	-	-	-
50											
51	TN	Q	Process Plant Facilities and Equipment	320200	Water Trmt Equip Filter Media	-		-	-	-	-
52	TN	Q	Process Plant Facilities and Equipment	311520	Pumping Equipment SOS	(42)		(420)	(15)	(33,609)	772
53	TN	Q	Process Plant Facilities and Equipment	340200	Computer & Peripheral Equipment	-		-	-	-	-
54		Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	(57)		(140)	(16)	-	117
55		Q	Process Plant Facilities and Equipment	304300	Struct & Imp-Treatment	(7)		14	(3)	(4,987)	200
56		Q	Process Plant Facilities and Equipment	309000	Supply Mains	30		(19)	8	-	-
57		Q	Process Plant Facilities and Equipment	310000	Power Generation Equip	(507)		(783)	(191)	-	115
58		Q	Process Plant Facilities and Equipment	311200	Pump Eqp Electric	(6)		28	(2)	(5,857)	614
59		Q	Process Plant Facilities and Equipment	320100	WT Equip Non-Media	(69)		(82)	(27)	(13,091)	786
60		Q	Process Plant Facilities and Equipment	344000	Laboratory Equipment	49		11	4	(147,279)	12
61											
62	TN	R	Capitalized Tank Rehabilitation/Painting	330003	Tank Repainting	-		-	-	-	-
63		R	Capitalized Tank Rehabilitation/Painting	320100	WT Equip Non-Media	(3,533)		(2,697)	(883)	-	-
64		R	Capitalized Tank Rehabilitation/Painting	330000	Dist Reservoirs & Standpipes	3		(75)	1	-	0
65		R	Capitalized Tank Rehabilitation/Painting	330200	Ground Level Tanks	(1)		2	(0)	(446)	977
66											
67	TN	S	Engineering Studies	331001	Transmission & Distribution Mains	-		-	-	-	-
68			**Total Recurring Projects**								
69											
70			**ACQUISITIONS**								
71											
72			**Total Acquisitions**								
73											
74			**CENTRALLY SPONSORED PROJECTS**								
75	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	-				-	-
76	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate						
77			**Total Centrally Sponsored Projects**								
78											
79			**INVESTMENT PROJECTS**								
80	TN	I26-020016	Meter shop Building Additions								
81	TN	I26-020017	Electrical Motor Efficiency Enhancement ($2.9)								
82	TN	I26-020019	Interconnects Adjacent Water UD ($0.6)								
83	TN	I12-020024	Install New Hill City Pumps ($0.7)								
84	TN	I26-020025	Install 5,700' of 16"- East Braine ($1.0)								
85	TN	I26-020026	5800'-16" Main in Navajo Dr. ($1.0)								
86	TN	I26-020027	Construct 1.0MG Tank & 2500-16" ER ($1.0)								
87	TN	I26-020030	5933 lf of 20" Ringgold Rd. at I-75 ($2.1)								
88	TN	I26-020028	Citico Plant Improvements Phase 1B ($8.6)								
89	TN	I26-020032	Wastewater Treatm't & Handling Impr ($4.5)								
90	TN	I26-020033	Convert ER Reservoir to Pump Storag ($0.25)								
91	TN	I26-020034	3000'-24" Tennessee River Crossing ($0.5)								
92	TN	I26-020035	Repl Lktout Mtn Pump #4 ($0.9)								
93	TN	I26-020036	New Office Building								
94	TN	I26-020022	Post Acquisition BD Capex								
95			IP Project Unbudgeted Capital								
96	TN	I26-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains						
97	TN	I26-000001		320200	Water Trmt Equip Filter Media						
98	TN	I26-000001		311520	Pumping Equipment SOS						
99	TN	I26-000001		304200	Computer & Peripheral Equipment						
100											
101			**Total DV Included:**			**$ (8,671)**	See note under DV above	**$ (16,430)**	**$ (2,045)**	**$ (223,553)**	**$ 67,768**
102											
103			**Total DV Excluded:**			**$ (8,671)**		**$ (16,430)**	**$ (2,045)**	**$ (223,553)**	**$ 67,768**
104											

Tennessee American Water Company
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STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date July 14, 2013
Description TN BP 2014-2018 SCEP

Line #	Business Unit No.	Project Title	Account	Account Descrip	Depreciation Deferred Tax (DTL/ (DTA))	NOTES	Average Accum Dep	Average Depreciation Deferred Tax (DTA, (DTL))	Actual Retirements	Actual COR Less Salvage
105		**Total Surcharge Amt:**			**$ (9,609)**		**$ (12,328)**	**$ (2,489)**	**$ (223,553)**	**$ 67,768**
106										
107		**SEC Total:**			**$ (4,580)**		**$ (2,386)**	**$ (1,014)**	**$ (217,187)**	**$ 8,550**
108										
109		**EDI Total:**			**$ (10)**		**$ (224)**	**$ (1)**	**$ -**	**$ -**
110										
111		**QIIP Total:**			**$ (5,018)**		**$ (9,719)**	**$ (1,474)**	**$ (6,366)**	**$ 59,218**

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STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit	Tennessee
Revision Date	June 27, 2014
Description	TN BP 2015-2019 SCEP

Business Unit	Business Unit No.	Project Title			Year: 2015 1	2	3	4	5	6
		RECURRING PROJECTS								
Tennessee	**DV**	**Projects Funded by Others**			**$ 5,000**	**$ 5,000**	**$ 30,000**	**$ 70,000**	**$ 150,000**	**$ 100,000**
Tennessee	A	Mains - New			-	-	-	-	10,000	30,000
Tennessee	B	Mains - Replaced / Restored			20,000	80,000	120,000	200,000	150,000	210,000
Tennessee	C	Mains - Unscheduled			50,000	50,000	80,000	25,000	60,000	60,000
Tennessee	D	Mains - Relocated			-	-	30,000	40,000	100,000	50,000
Tennessee	E	Hydrants, Valves, and Manholes - New			-	2,000	3,000	3,000	5,000	4,000
Tennessee	F	Hydrants, Valves, and Manholes - Replaced			10,000	20,000	20,000	20,000	15,000	15,000
Tennessee	G	Services and Laterals - New			25,000	30,000	36,000	45,000	51,000	54,000
Tennessee	H	Services and Laterals - Replaced			-	10,000	20,000	18,000	25,000	35,000
Tennessee	I	Meters - New			20,000	50,000	40,000	75,000	65,000	35,000
Tennessee	J	Meters - Replaced			50,000	35,000	60,000	55,000	35,000	35,000
Tennessee	K	ITS Equipment and Systems			68,773	73,773	78,773	123,751	87,677	92,577
Tennessee	L	SCADA Equipment and Systems			4,000	2,000	-	-	-	-
Tennessee	M	Security Equipment and Systems			-	5,000	6,000	9,000	35,000	10,000
Tennessee	N	Offices and Operations Centers			-	-	-	-	-	-
Tennessee	O	Vehicles			-	15,000	-	20,000	-	20,000
Tennessee	P	Tools and Equipment			5,000	-	7,000	12,000	5,000	-
Tennessee	Q	Process Plant Facilities and Equipment			65,000	250,000	280,000	350,000	230,000	90,000
Tennessee	R	Capitalized Tank Rehabilitation/Painting			-	-	-	-	-	-
Tennessee	S	Engineering Studies			-	-	-	-	5,000	15,000
		Total Recurring Projects			**$ 317,773**	**$ 622,773**	**$ 780,773**	**$ 995,751**	**$ 878,677**	**$ 755,577**
		ACQUISITIONS								
Tennessee										
		Total Acquisitions			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
		CENTRALLY SPONSORED PROJECTS								
Tennessee	T26-0202	Business Transformation 2010 - 2014								
Tennessee	T26-0203	Business Transformation 2010 - 2014								
		Total Centrally Sponsored Projects			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
		INVESTMENT PROJECTS	**Total**	**In Service Date**						
Tennessee	I26-020017	Electrical Motor Efficiency Enhancement ($2.9)	2,900,000	12/31/2017						
Tennessee	I26-020027	Construct 1.0MG Tank & 2500-16" ER ($1.0)	1,000,000							
Tennessee	I26-020028	Citico Plant Improvements Phase 1B ($8.6)	8,600,000	6/30/2016						
Tennessee	I26-020032	Wastewater Treatm't & Handling Impr ($15.3)	15,300,000	5/31/2015	1,500,000	1,500,000	1,200,000	1,000,000	850,000	600,000
Tennessee	I26-020034	3000'-24" Tennessee River Crossing ($0.5)	1,000,000	12/31/2017						
Tennessee	I26-020038	Retire Basin 1	600,000							
Tennessee	I26-020039	Basin 2 Tube Settlers	3,500,000							
Tennessee	I26-020040	Chlorine Gas Conversion	2,500,000							
Tennessee	I26-000002	Post Acquisition BD Capex	1,080,000							
Tennessee	I26-000001	Whitwell Acquisition Captial Investment	1,200,000	12/31/2014						
		Total Investment Projects			**$ 1,500,000**	**$ 1,500,000**	**$ 1,200,000**	**$ 1,000,000**	**$ 850,000**	**$ 600,000**
		Total Investment and Centrally Sponsored Projects			**$ 1,500,000**	**$ 1,500,000**	**$ 1,200,000**	**$ 1,000,000**	**$ 850,000**	**$ 600,000**
		Contributions			$ (20,000)	$ (20,000)	$ (20,000)	$ (20,000)	$ (20,000)	$ (20,000)
		Advances			(58,333)	(58,333)	(58,333)	(58,333)	(58,333)	(58,333)
		Total Refunds			29,167	29,167	29,167	29,167	29,167	29,167
		Gross minus BT			**$ 1,822,773**	**$ 2,127,773**	**$ 2,010,773**	**$ 2,065,751**	**$ 1,878,677**	**$ 1,455,577**
					(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(49,167)
		Net minus BT			**$ 1,773,606**	**$ 2,078,606**	**$ 1,961,606**	**$ 2,016,584**	**$ 1,829,510**	**$ 1,406,410**
		Gross plus BT			**$ 1,822,773**	**$ 2,127,773**	**$ 2,010,773**	**$ 2,065,751**	**$ 1,878,677**	**$ 1,455,577**
					(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(49,167)
		Net plus BT			**$ 1,773,606**	**$ 2,078,606**	**$ 1,961,606**	**$ 2,016,584**	**$ 1,829,510**	**$ 1,406,410**

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit	Tennessee
Revision Date	June 27, 2014
Description	TN BP 2015-2019 SCEP

Business Unit	Business Unit No.	Project Title	7	8	9	10	11	12	Total 2015	Surcharge Category
		RECURRING PROJECTS							U.S. $	
Tennessee	**DV**	**Projects Funded by Others**	**$ 55,000**	**$ 55,000**	**$ 50,000**	**$ 60,000**	**$ 120,000**	**$ 100,000**	**$ 800,000**	
Tennessee	A	Mains - New	40,000	15,000	-	-	-	-	95,000	EDI
Tennessee	B	Mains - Replaced / Restored	170,000	210,000	150,000	140,000	30,000	20,000	1,500,000	QIIP
Tennessee	C	Mains - Unscheduled	60,000	90,000	85,000	70,000	60,000	110,000	800,000	QIIP
Tennessee	D	Mains - Relocated	100,000	30,000	-	-	-	-	350,000	QIIP
Tennessee	E	Hydrants, Valves, and Manholes - New	5,000	8,500	8,500	6,000	3,000	-	48,000	EDI
Tennessee	F	Hydrants, Valves, and Manholes - Replaced	15,000	50,000	30,000	100,000	50,000	30,000	375,000	QIIP
Tennessee	G	Services and Laterals - New	50,000	46,000	41,000	36,000	36,000	30,000	480,000	
Tennessee	H	Services and Laterals - Replaced	33,000	23,000	21,000	25,000	20,000	20,000	250,000	QIIP
Tennessee	I	Meters - New	30,000	30,000	55,000	20,000	60,000	40,000	520,000	
Tennessee	J	Meters - Replaced	75,000	45,000	80,000	120,000	85,000	50,000	725,000	QIIP
Tennessee	K	ITS Equipment and Systems	99,347	109,347	89,347	90,144	79,347	35,502	1,028,356	
Tennessee	L	SCADA Equipment and Systems	-	4,000	100,000	45,000	30,000	-	185,000	SEC
Tennessee	M	Security Equipment and Systems	15,000	15,000	20,000	25,000	40,000	10,000	190,000	SEC
Tennessee	N	Offices and Operations Centers	-	10,000	15,000	-	-	-	25,000	
Tennessee	O	Vehicles	-	65,000	100,000	100,000	50,000	30,000	400,000	
Tennessee	P	Tools and Equipment	-	3,000	2,000	-	2,000	4,000	40,000	
Tennessee	Q	Process Plant Facilities and Equipment	60,000	160,000	340,000	331,203	275,000	200,000	2,631,203	SEC
Tennessee	R	Capitalized Tank Rehabilitation/Painting	-	10,000	75,000	150,000	200,000	65,000	500,000	QIIP
Tennessee	S	Engineering Studies	10,000	5,000	-	-	-	-	35,000	
		Total Recurring Projects	**$ 762,347**	**$ 928,847**	**$ 1,211,847**	**$ 1,258,347**	**$ 1,020,347**	**$ 644,502**	**$ 10,177,559**	
		ACQUISITIONS								
Tennessee									$ -	
		Total Acquisitions	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
		CENTRALLY SPONSORED PROJECTS								
Tennessee	T26-0202	Business Transformation 2010 - 2014					$ -	$ -	$ -	
Tennessee	T26-0203	Business Transformation 2010 - 2014								
		Total Centrally Sponsored Projects	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
		INVESTMENT PROJECTS								
Tennessee	I26-020017	Electrical Motor Efficiency Enhancement ($2.9)							$ -	
Tennessee	I26-020027	Construct 1.0MG Tank & 2500-16" ER ($1.0)							-	
Tennessee	I26-020028	Citico Plant Improvements Phase 1B ($8.6)		150,000	250,000	300,000	400,000	500,000	1,600,000	QIIP
Tennessee	I26-020032	Wastewater Treatm't & Handling Impr ($15.3)	300,000	150,000	50,000				7,150,000	SEC
Tennessee	I26-020034	3000'-24" Tennessee River Crossing ($0.5)							-	EDI
Tennessee	I26-020038	Retire Basin 1								SEC
Tennessee	I26-020039	Basin 2 Tube Settlers								SEC
Tennessee	I26-020040	Chlorine Gas Conversion								SEC
Tennessee	I26-000002	Post Acquisition BD Capex							-	
Tennessee	I26-000001	Whitwell Acquisition Captial Investment							-	QIIP
		Total Investment Projects	**$ 300,000**	**$ 300,000**	**$ 300,000**	**$ 300,000**	**$ 400,000**	**$ 500,000**	**$ 8,750,000**	
		Total Investment and Centrally Sponsored Projects	**$ 300,000**	**$ 300,000**	**$ 300,000**	**$ 300,000**	**$ 400,000**	**$ 500,000**	**$ 8,750,000**	
		Contributions	$ (20,000)	$ (20,000)	$ (20,000)	$ (20,000)	$ (20,000)	$ (20,000)	$ (240,000)	
		Advances	(58,333)	(58,333)	(58,333)	(58,333)	(58,333)	(58,333)	(700,000)	
		Total Refunds	29,167	29,167	29,167	29,167	29,167	29,167	350,000	
									-	
		Gross minus BT	**$ 1,117,347**	**$ 1,283,847**	**$ 1,561,847**	**$ 1,618,347**	**$ 1,540,347**	**$ 1,244,502**	**$ 19,727,559**	
			(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(590,000)	
		Net minus BT	**$ 1,068,180**	**$ 1,234,680**	**$ 1,512,680**	**$ 1,569,180**	**$ 1,491,180**	**$ 1,195,335**	**$ 19,137,559**	
		Gross plus BT	**$ 1,117,347**	**$ 1,283,847**	**$ 1,561,847**	**$ 1,618,347**	**$ 1,540,347**	**$ 1,244,502**	**$ 19,727,559**	
			(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(590,000)	
		Net plus BT	**$ 1,068,180**	**$ 1,234,680**	**$ 1,512,680**	**$ 1,569,180**	**$ 1,491,180**	**$ 1,195,335**	**$ 19,137,559**	

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

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date June 27, 2014
Description TN BP 2015-2019 SCEP

854,442

Line #		Business Unit No.	Project Title	Account	Account Descrip	Portion to Account	In-Service (Months)	Dep Rate	Prior Year Period 11 Spend	Prior Year Period 12 Spend	2014 SCEP Reforecast	Prior 2014 SCEP
1			**RECURRING PROJECTS**									
2	TN	**DV**	**Projects Funded by Others**	331001	Transmission & Distribution Mains	95.5%	3	1.25%	30,865	143,146		$ -
3	TN	**DV**		333000	Services	2.3%	3	1.11%	30,865	143,146		-
4	TN	**DV**		335000	Hydrants	2.2%	3	2.30%	30,865	143,146		-
5												
6	TN	A	Mains - New	331001	Transmission & Distribution Mains	100.0%	3	1.25%	21,918	93,122		-
7												
8	TN	B	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	96.8%	3	1.25%	28,562	(6,601)		804,983
9	TN	B		333000	Services	2.9%	3	1.11%	28,562	(6,601)		22,175
10	TN	B		335000	Hydrants	0.3%	3	2.30%	28,562	(6,601)		27,283
11												
12	TN	C	Mains - Unscheduled	331001	Transmission & Distribution Mains	100.0%	3	1.25%	37,123	105,079		979,105
13												
14	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains	96.2%	3	1.25%	45,726	17,061		69,181
15	TN	D		333000	Services	0.5%	3	1.11%	45,726	17,061		288
16	TN	D		335000	Hydrants	3.3%	3	2.30%	45,726	17,061		-
17												
18	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	58.7%	1	1.25%				23,936
19	TN	E		335000	Hydrants	41.3%	1	2.30%				38,569
20												
21	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	64.1%	1	1.25%				21,480
22	TN	F		335000	Hydrants	35.9%	1	2.30%				219,103
23												
24	TN	G	Services and Laterals - New	333000	Services	100.0%	1	1.11%				709,660
25												
26	TN	H	Services and Laterals - Replaced	333000	Services	100.0%	1	1.11%				442,503
27												
28	TN	I	Meters - New	334100	Meters	64.2%	1	7.47%				136,631
29	TN	I		334200	Meter Installations	35.8%	1	2.73%				144,915
30												
31	TN	J	Meters - Replaced	334100	Meters	72.5%	1	7.47%				43,095
32	TN	J		334200	Meter Installations	27.5%	1	2.73%				618,384
33												
34	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment	100.0%	1	2.19%				-
35												
36	TN	L	SCADA Equipment and Systems	340200	Computer & Peripheral Equipment	100.0%	1	2.19%				17,205
37		L		320100	WT Equip Non-Media		1	1.09%				268,337
38		L		346100	Comm Equip Non-Telephone		1	4.21%				57,328
39		L		346190	Remote Control & Instrument		1	4.21%				144,865
40												
41	TN	M	Security Equipment and Systems	304500	Structures & Improvement - General	100.0%	1	1.13%				6,193
42												
43	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General	100.0%	1	1.13%				-
44												
45	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks	19.3%	1	16.00%				-
46	TN	O	Vehicles	341200	Transportation Equip Hvy Duty Trucks	63.6%	1	16.62%				-
47	TN	O	Vehicles	341300	Transportation Equip Autos	17.1%	1	11.38%				-
48												
49	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment	100.0%	1	6.89%				-
50												
51	TN	Q	Process Plant Facilities and Equipment	320200	Water Trmt Equip Filter Media	57.6%	1	33.69%				-
52	TN	Q		311520	Pumping Equipment SOS	21.0%	1	1.83%				115,840
53	TN	Q		340200	Computer & Peripheral Equipment	21.3%	1	2.19%				-

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STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date June 27, 2014
Description TN BP 2015-2019 SCEP

854,442

Line #		Business Unit No.	Project Title	Account	Account Descrip	Portion to Account	In-Service (Months)	Dep Rate	Prior Year Period 11 Spend	Prior Year Period 12 Spend	2014 SCEP Reforecast	Prior 2014 SCEP
54		Q		304100	Struct & Imp-Supply		1	1.98%				132,235
55		Q		304300	Struct & Imp-Treatment		1	4.11%				-
56		Q		309000	Supply Mains		1	1.87%				9,862
57		Q		310000	Power Generation Equip		1	12.33%				25,066
58		Q		311200	Pump Eqp Electric		1	2.45%				-
59		Q		320100	WT Equip Non-Media		1	1.09%				376,215
60		Q		344000	Laboratory Equipment		1	1.01%				-
61												
62	TN	R	Capitalized Tank Rehabilitation/Painting	330003	Tank Repainting	100.0%	1	11.08%				0
63		R	Capitalized Tank Rehabilitation/Painting	320100	WT Equip Non-Media		1	1.09%				2,337,229
64		R	Capitalized Tank Rehabilitation/Painting	330000	Dist Reservoirs & Standpipes		1	2.08%				22,832
65		R	Capitalized Tank Rehabilitation/Painting	330200	Ground Level Tanks		1	2.74%				-
66												
67	TN	S	Engineering Studies	331001	Transmission & Distribution Mains	100.0%	1	1.25%				-
68			**Total Recurring Projects**									
69												
70			**ACQUISITIONS**									
71												
72			**Total Acquisitions**									
73												
74			**CENTRALLY SPONSORED PROJECTS**									
75	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	100.0%	1	10.00%				-
76	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	100.0%	1	10.00%				-
77			**Total Centrally Sponsored Projects**									
78												
79			**INVESTMENT PROJECTS**							**Inception to Date Spend**	**2014 SCEP Reforecast**	
80	TN	I26-020017	Electrical Motor Efficiency Enhancement ($2.9)			100.0%	12/31/2017					-
81	TN	I26-020027	Construct 1.0MG Tank & 2500-16" ER ($1.0)			100.0%						-
82	TN	I26-020028	Citico Plant Improvements Phase 1B ($8.6)	320100	WT Equip Non-Media	100.0%	6/30/2016	1.09%				-
83	TN	I26-020032	Wastewater Treatm't & Handling Impr ($15.3)	304400	Struct & Imp-T&D	100.0%	5/31/2015	2.13%		2,000,000	6,150,000	-
84	TN	I26-020034	3000'-24" Tennessee River Crossing ($0.5)			100.0%	12/31/2017					-
85	TN	I26-020038	Retire Basin 1			100.0%						-
86	TN	I26-020039	Basin 2 Tube Settlers			100.0%						-
87	TN	I26-020040	Chlorine Gas Conversion			100.0%						-
88	TN	I26-020002	Post Acquisition BD Capex			100.0%						-
89	TN	I26-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains	85.0%	12/31/2014	1.25%				-
90	TN	I26-000001		320200	Water Trmt Equip Filter Media	6.0%	12/31/2014	33.69%				-
91	TN	I26-000001		311520	Pumping Equipment SOS	4.5%	12/31/2014	1.83%				-
92	TN	I26-000001		340200	Computer & Peripheral Equipment	4.5%	12/31/2014	2.19%				-
93												
94												
95												
96			**Total DV Excluded:**									
97												

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STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date June 27, 2014
Description TN BP 2015-2019 SCEP

854,442

Line #	Business Unit No.	Project Title	Account	Account Descrip	Portion to Account	In-Service (Months)	Dep Rate	Prior Year Period 11 Spend	Prior Year Period 12 Spend	2014 SCEP Reforecast	Prior 2014 SCEP
98		**Total Surcharge Amt:**									
99											
100		**SEC Total:**									
101											
102		**EDI Total:**									
103											
104		**QIIP Total:**									

Tennessee American Water Company
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STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

	13,987.00	31,133.00	73,333.33	133,333.33
Business Unit Tennessee	868,429	899,562	972,895	1,106,228
Revision Date June 27, 2014				
Description TN BP 2015-2019 SCEP				

Line #		Business Unit No.	Project Title	Account	Cumulative Balance of In-Serviced Plant, from 2015 Capex, by Period 1	2	3	4	5	6	7	8	9	10	11
1			**RECURRING PROJECTS**												
2	TN	**DV**	**Projects Funded by Others**	331001	$ 56,985	$ 105,737	$ 118,470	$ 151,895	$ 231,478	$ 333,345	$ 430,437	$ 497,287	$ 548,220	$ 600,745	$ 673,962
3	TN	**DV**		333000	1,372	2,547	2,853	3,658	5,575	8,028	10,367	11,977	13,203	14,468	16,232
4	TN	**DV**		335000	1,313	2,436	2,729	3,499	5,332	7,679	9,916	11,456	12,629	13,839	15,526
5															
6	TN	A	Mains - New	331001	38,347	69,387	69,387	69,387	72,721	86,054	112,721	141,054	159,387	164,387	164,387
7															
8	TN	B	Mains - Replaced / Restored	331001	818,522	848,659	919,646	1,048,712	1,200,366	1,381,059	1,552,072	1,742,446	1,913,459	2,074,792	2,178,046
9	TN	B		333000	22,581	23,484	25,611	29,477	34,021	39,434	44,557	50,261	55,384	60,217	63,311
10	TN	B		335000	27,325	27,419	27,639	28,039	28,509	29,069	29,599	30,189	30,719	31,219	31,539
11															
12	TN	C	Mains - Unscheduled	331001	1,043,172	1,111,532	1,171,532	1,223,198	1,278,198	1,326,532	1,386,532	1,456,532	1,534,865	1,616,532	1,688,198
13															
14	TN	D	Mains - Relocated	331001	89,315	94,786	104,406	126,853	181,366	242,293	322,459	380,179	421,866	431,486	431,486
15	TN	D		333000	393	421	471	588	871	1,188	1,605	1,905	2,121	2,171	2,171
16	TN	D		335000	691	878	1,208	1,978	3,848	5,938	8,688	10,668	12,098	12,428	12,428
17															
18	TN	E	Hydrants, Valves, and Manholes - New	331001	23,936	25,110	26,871	28,632	31,567	33,915	36,850	41,839	46,829	50,351	52,112
19	TN	E		335000	38,569	39,395	40,634	41,873	43,938	45,590	47,655	51,165	54,676	57,154	58,393
20															
21	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	27,890	40,710	53,530	66,350	75,965	85,580	95,195	127,245	146,475	210,575	242,625
22	TN	F		335000	222,693	229,873	237,053	244,233	249,618	255,003	260,388	278,338	289,108	325,008	342,958
23															
24	TN	G	Services and Laterals - New	333000	734,660	764,660	800,660	845,660	896,660	950,660	1,000,660	1,046,660	1,087,660	1,123,660	1,159,660
25															
26	TN	H	Services and Laterals - Replaced	333000	442,503	452,503	472,503	490,503	515,503	550,503	583,503	606,503	627,503	652,503	672,503
27															
28	TN	I	Meters - New	334100	149,471	181,571	207,251	255,401	297,131	319,601	338,861	358,121	393,431	406,271	444,791
29	TN	I		334200	152,075	169,975	184,295	211,145	234,415	246,945	257,685	268,425	288,115	295,275	316,755
30															
31	TN	J	Meters - Replaced	334100	79,345	104,720	148,220	188,095	213,470	238,845	293,220	325,845	383,845	470,845	532,470
32	TN	J		334200	632,134	641,759	658,259	673,384	683,009	692,634	713,259	725,634	747,634	780,634	804,009
33															
34	TN	K	ITS Equipment and Systems	340200	68,773	142,545	221,318	345,069	432,746	525,323	624,670	734,017	823,364	913,508	992,855
35															
36	TN	L	SCADA Equipment and Systems	340200	21,205	23,205	23,205	23,205	23,205	23,205	23,205	27,205	127,205	172,205	202,205
37		L		320100	268,337	268,337	268,337	268,337	268,337	268,337	268,337	268,337	268,337	268,337	268,337
38		L		346100	57,328	57,328	57,328	57,328	57,328	57,328	57,328	57,328	57,328	57,328	57,328
39		L		346190	144,865	144,865	144,865	144,865	144,865	144,865	144,865	144,865	144,865	144,865	144,865
40															
41	TN	M	Security Equipment and Systems	304500	6,193	11,193	17,193	26,193	61,193	71,193	86,193	101,193	121,193	146,193	186,193
42															
43	TN	N	Offices and Operations Centers	304500	-	-	-	-	-	-	-	10,000	25,000	25,000	25,000
44															
45	TN	O	Vehicles	341100	-	2,895	2,895	6,755	6,755	10,615	10,615	23,160	42,460	61,760	71,410
46	TN	O	Vehicles	341200	-	9,540	9,540	22,260	22,260	34,980	34,980	76,320	139,920	203,520	235,320
47	TN	O	Vehicles	341300	-	2,565	2,565	5,985	5,985	9,405	9,405	20,520	37,620	54,720	63,270
48															
49	TN	P	Tools and Equipment	343000	5,000	5,000	12,000	24,000	29,000	29,000	29,000	32,000	34,000	34,000	36,000
50															
51	TN	Q	Process Plant Facilities and Equipment	320200	37,468	181,575	342,976	544,726	677,305	729,184	763,770	855,999	1,051,985	1,242,900	1,401,418
52	TN	Q		311520	129,508	182,076	240,951	314,546	362,908	381,832	394,448	428,091	499,583	569,225	627,050
53	TN	Q		340200	13,865	67,190	126,914	201,569	250,628	269,825	282,623	316,751	389,273	459,918	518,576

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

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

		13,987.00	31,133.00	73,333.33	133,333.33	
Business Unit	Tennessee	868,429	899,562	972,895	1,106,228	
Revision Date	June 27, 2014					
Description	TN BP 2015-2019 SCEP					

Line #		Business Unit No.	Project Title	Account	Cumulative Balance of In-Serviced Plant, from 2015 Capex, by Period 1	2	3	4	5	6	7	8	9	10	11
54		Q		304100	132,235	132,235	132,235	132,235	132,235	132,235	132,235	132,235	132,235	132,235	132,235
55		Q		304300	-	-	-	-	-	-	-	-	-	-	-
56		Q		309000	9,862	9,862	9,862	9,862	9,862	9,862	9,862	9,862	9,862	9,862	9,862
57		Q		310000	25,066	25,066	25,066	25,066	25,066	25,066	25,066	25,066	25,066	25,066	25,066
58		Q		311200	-	-	-	-	-	-	-	-	-	-	-
59		Q		320100	376,215	376,215	376,215	376,215	376,215	376,215	376,215	376,215	376,215	376,215	376,215
60		Q		344000	-	-	-	-	-	-	-	-	-	-	-
61															
62	TN	R	Capitalized Tank Rehabilitation/Painting	330003	0	0	0	0	0	0	0	10,000	85,000	235,000	435,000
63		R	Capitalized Tank Rehabilitation/Painting	320100	2,337,229	2,337,229	2,337,229	2,337,229	2,337,229	2,337,229	2,337,229	2,337,229	2,337,229	2,337,229	2,337,229
64		R	Capitalized Tank Rehabilitation/Painting	330000	22,832	22,832	22,832	22,832	22,832	22,832	22,832	22,832	22,832	22,832	22,832
65		R	Capitalized Tank Rehabilitation/Painting	330200	-	-	-	-	-	-	-	-	-	-	-
66															
67	TN	S	Engineering Studies	331001	-	-	-	-	5,000	20,000	30,000	35,000	35,000	35,000	35,000
68			**Total Recurring Projects**												
69															
70			**ACQUISITIONS**												
71															
72			**Total Acquisitions**												
73															
74			**CENTRALLY SPONSORED PROJECTS**												
75	TN	T26-0202	Business Transformation 2010 - 2014	340315	-	-	-	-	-	-	-	-	-	-	-
76	TN	T26-0203	Business Transformation 2010 - 2014	340315	-	-	-	-	-	-	-	-	-	-	-
77			**Total Centrally Sponsored Projects**												
78															
79			**INVESTMENT PROJECTS**												
80	TN	I26-020017	Electrical Motor Efficiency Enhancement ($2.9)		-	-	-	-	-	-	-	-	-	-	-
81	TN	I26-020027	Construct 1.0MG Tank & 2500-16" ER ($1.0)		-	-	-	-	-	-	-	-	-	-	-
82	TN	I26-020028	Citico Plant Improvements Phase 1B ($8.6)	320100	-	-	-	-	-	-	-	-	-	-	-
83	TN	I26-020032	Wastewater Treatm't & Handling Impr ($15.3)	304400	-	-	-	-	14,200,000.00	14,800,000	15,100,000	15,250,000	15,300,000	15,300,000	15,300,000
84	TN	I26-020034	3000'-24" Tennessee River Crossing ($0.5)		-	-	-	-	-	-	-	-	-	-	-
85	TN	I26-020038	Retire Basin 1		-	-	-	-	-	-	-	-	-	-	-
86	TN	I26-020039	Basin 2 Tube Settlers		-	-	-	-	-	-	-	-	-	-	-
87	TN	I26-020040	Chlorine Gas Conversion		-	-	-	-	-	-	-	-	-	-	-
88	TN	I26-020002	Post Acquisition BD Capex		-	-	-	-	-	-	-	-	-	-	-
89	TN	I26-000001	Whitwell Acquisition Capital Investment	331001	-	-	-	-	-	-	-	-	-	-	-
90	TN	I26-000001		320200	-	-	-	-	-	-	-	-	-	-	-
91	TN	I26-000001		311520	-	-	-	-	-	-	-	-	-	-	-
92	TN	I26-000001		340200	-	-	-	-	-	-	-	-	-	-	-
93															
94															
95															
96			**Total DV Excluded:**												
97															

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

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

		13,987.00	31,133.00	73,333.33	133,333.33	
Business Unit	Tennessee	868,429	899,562	972,895	1,106,228	
Revision Date	June 27, 2014					
Description	TN BP 2015-2019 SCEP					

				Cumulative Balance of In-Serviced Plant, from 2015 Capex, by Period										
Line #	**Business Unit No.**	**Project Title**	**Account**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
98		**Total Surcharge Amt:**												
99														
100		**SEC Total:**												
101														
102		**EDI Total:**												
103														
104		**QIIP Total:**												

Tennessee American Water Company
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STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date June 27, 2014
Description TN BP 2015-2019 SCEP

Line #		Business Unit No.	Project Title	Account	12	Surcharge
1			**RECURRING PROJECTS**			
2	TN	**DV**	**Projects Funded by Others**	331001	$ 763,095	
3	TN	**DV**		333000	18,378	
4	TN	**DV**		335000	17,579	
5						
6	TN	A	Mains - New	331001	164,387	EDI
7						
8	TN	B	Mains - Replaced / Restored	331001	2,239,352	QIIP
9	TN	B		333000	65,147	QIIP
10	TN	B		335000	31,729	QIIP
11						
12	TN	C	Mains - Unscheduled	331001	1,768,198	QIIP
13						
14	TN	D	Mains - Relocated	331001	431,486	QIIP
15	TN	D		333000	2,171	QIIP
16	TN	D		335000	12,428	QIIP
17						
18	TN	E	Hydrants, Valves, and Manholes - New	331001	52,112	EDI
19	TN	E		335000	58,393	EDI
20						
21	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	261,855	QIIP
22	TN	F		335000	353,728	QIIP
23						
24	TN	G	Services and Laterals - New	333000	1,189,660	
25						
26	TN	H	Services and Laterals - Replaced	333000	692,503	QIIP
27						
28	TN	I	Meters - New	334100	470,471	
29	TN	I		334200	331,075	
30						
31	TN	J	Meters - Replaced	334100	568,720	QIIP
32	TN	J		334200	817,759	QIIP
33						
34	TN	K	ITS Equipment and Systems	340200	1,028,356	
35						
36	TN	L	SCADA Equipment and Systems	340200	202,205	SEC
37		L		320100	268,337	SEC
38		L		346100	57,328	SEC
39		L		346190	144,865	SEC
40						
41	TN	M	Security Equipment and Systems	304500	196,193	SEC
42						
43	TN	N	Offices and Operations Centers	304500	25,000	
44						
45	TN	O	Vehicles	341100	77,200	
46	TN	O	Vehicles	341200	254,400	
47	TN	O	Vehicles	341300	68,400	
48						
49	TN	P	Tools and Equipment	343000	40,000	
50						
51	TN	Q	Process Plant Facilities and Equipment	320200	1,516,704	SEC
52	TN	Q		311520	669,104	SEC
53	TN	Q		340200	561,236	SEC

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STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date June 27, 2014
Description TN BP 2015-2019 SCEP

Line #		Business Unit No.	Project Title	Account	12	Surcharge
54		Q		304100	132,235	SEC
55		Q		304300	-	SEC
56		Q		309000	9,862	SEC
57		Q		310000	25,066	SEC
58		Q		311200	-	SEC
59		Q		320100	376,215	SEC
60		Q		344000	-	SEC
61						
62	TN	R	Capitalized Tank Rehabilitation/Painting	330003	500,000	QIIP
63		R	Capitalized Tank Rehabilitation/Painting	320100	2,337,229	QIIP
64		R	Capitalized Tank Rehabilitation/Painting	330000	22,832	QIIP
65		R	Capitalized Tank Rehabilitation/Painting	330200	-	QIIP
66						
67	TN	S	Engineering Studies	331001	35,000	
68			**Total Recurring Projects**			
69						
70			**ACQUISITIONS**			
71						
72			**Total Acquisitions**			
73						
74			**CENTRALLY SPONSORED PROJECTS**			
75	TN	T26-0202	Business Transformation 2010 - 2014	340315	-	
76	TN	T26-0203	Business Transformation 2010 - 2014	340315	-	
77			**Total Centrally Sponsored Projects**			
78						
79			**INVESTMENT PROJECTS**			
80	TN	I26-020017	Electrical Motor Efficiency Enhancement ($2.9)		-	
81	TN	I26-020027	Construct 1.0MG Tank & 2500-16" ER ($1.0)		-	
82	TN	I26-020028	Citico Plant Improvements Phase 1B ($8.6)	320100	-	QIIP
83	TN	I26-020032	Wastewater Treatm't & Handling Impr ($15.3)	304400	15,300,000	SEC
84	TN	I26-020034	3000'-24" Tennessee River Crossing ($0.5)		-	EDI
85	TN	I26-020038	Retire Basin 1		-	SEC
86	TN	I26-020039	Basin 2 Tube Settlers		-	SEC
87	TN	I26-020040	Chlorine Gas Conversion		-	SEC
88	TN	I26-020002	Post Acquisition BD Capex		-	
89	TN	I26-000001	Whitwell Acquisition Capital Investment	331001	-	QIIP
90	TN	I26-000001		320200	-	QIIP
91	TN	I26-000001		311520	-	QIIP
92	TN	I26-000001		340200	-	QIIP
93						
94						**Total DV Included:**
95						
96			**Total DV Excluded:**			
97						

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STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date June 27, 2014
Description TN BP 2015-2019 SCEP

Line #	Business Unit No.	Project Title	Account	12 Surcharge
98		**Total Surcharge Amt:**		
99				
100		**SEC Total:**		
101				
102		**EDI Total:**		
103				
104		**QIIP Total:**		

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STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date June 27, 2014
Description TN BP 2015-2019 SCEP

Line #		Business Unit No.	Project Title	Account	2015 Amounts for Surcharge: Average Plant in Service	Average Retires (Replacement Projects Only)	Average CIAC	Depreciation Expense	Cost of Removal Less Salvage	Tax Depr class life	Y1 Tax Depr Rate	Y2 Tax Depr Rate	Tax Depreciation	Tax over Book Depreciation
1			**RECURRING PROJECTS**											
2	TN	**DV**	**Projects Funded by Others**	331001	$ 347,050	$ -		$ 4,338	$ -	25 yr	0.02	0.04	6,941	2,603
3	TN	**DV**		333000	8,358	-		93	-	25 yr	0.02	0.04	167	74
4	TN	**DV**		335000	7,995	-		184	-	25 yr	0.02	0.04	160	(24)
5														
6	TN	A	Mains - New	331001	100,893	-		1,261	-	25 yr	0.02	0.04	2,018	757
7														
8	TN	B	Mains - Replaced / Restored	331001	1,440,163	(12,311)		17,848	68,153	25 yr	0.02	0.04	34,550	16,702
9	TN	B		333000	41,205	(351)		453	10,287	25 yr	0.02	0.04	867	413
10	TN	B		335000	29,252	(185)		669	135	25 yr	0.02	0.04	632	(36)
11														
12	TN	C	Mains - Unscheduled	331001	1,352,625	(12,026)		16,757	55,583	25 yr	0.02	0.04	37,757	21,000
13														
14	TN	D	Mains - Relocated	331001	255,935	(2,819)		3,164	20,721	25 yr	0.02	0.04	5,983	2,819
15	TN	D		333000	1,259	(14)		14	4,503	25 yr	0.02	0.04	26	12
16	TN	D		335000	6,406	(479)		136	350	25 yr	0.02	0.04	128	(8)
17														
18	TN	E	Hydrants, Valves, and Manholes - New	331001	36,466	-		456	-	25 yr	0.02	0.04	1,003	547
19	TN	E		335000	47,385	-		1,090	-	25 yr	0.02	0.04	1,420	330
20														
21	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	111,960	(2,617)		1,367	13,609	25 yr	0.02	0.04	2,304	937
22	TN	F		335000	269,777	(7,267)		6,038	5,300	25 yr	0.02	0.04	7,633	1,595
23														
24	TN	G	Services and Laterals - New	333000	946,968	-	(39,433)	10,074	-	25 yr	0.02	0.04	25,422	15,348
25														
26	TN	H	Services and Laterals - Replaced	333000	553,964	(2,808)		6,118	39,449	25 yr	0.02	0.04	15,781	9,663
27														
28	TN	I	Meters - New	334100	304,539	-		22,749	-	25 yr	0.02	0.04	8,041	(14,708)
29	TN	I		334200	238,546	-		6,512	-	25 yr	0.02	0.04	6,081	(431)
30														
31	TN	J	Meters - Replaced	334100	276,210	(943)		20,563	49,968	25 yr	0.02	0.04	6,219	(14,343)
32	TN	J		334200	706,807	(3,799)		19,192	52,013	25 yr	0.02	0.04	18,791	(401)
33														
34	TN	K	ITS Equipment and Systems	340200	527,119	-		11,544	-	5 yr	0.2	0.32	105,424	93,880
35														
36	TN	L	SCADA Equipment and Systems	340200	69,898	-		1,531	-	5 yr	0.2	0.32	14,669	13,138
37		L		320100	268,337	(12,365)		2,790	5,933	25 yr	0.02	0.04	9,091	6,301
38		L		346100	57,328	-		2,414	-	5 yr	0.2	0.32	13,794	11,381
39		L		346190	144,865	-		6,099	-	5 yr	0.2	0.32	34,679	28,580
40														
41	TN	M	Security Equipment and Systems	304500	79,731	(15,023)		731	-	39 yr	0.01282	0.02564	1,029	298
42														
43	TN	N	Offices and Operations Centers	304500	8,462	-		96	-	39 yr	0.01282	0.02564	108	13
44														
45	TN	O	Vehicles	341100	6,087	-		974	-	5 yr	0.2	0.32	1,217	243
46	TN	O	Vehicles	341200	20,058	-		3,334	-	5 yr	0.2	0.32	4,012	678
47	TN	O	Vehicles	341300	5,393	-		614	-	5 yr	0.2	0.32	1,079	465
48														
49	TN	P	Tools and Equipment	343000	23,769	-		1,638	-	25 yr	0.02	0.04	475	(1,162)
50														
51	TN	Q	Process Plant Facilities and Equipment	320200	718,924	(42,590)		227,857	21,051	25 yr	0.02	0.04	14,378	(213,478)
52	TN	Q		311520	378,089	(36,769)		6,246	2,066	25 yr	0.02	0.04	9,067	2,821
53	TN	Q		340200	266,028	-		5,826	-	5 yr	0.2	0.32	53,206	47,380

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STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date June 27, 2014
Description TN BP 2015-2019 SCEP

Line #		Business Unit No.	Project Title	Account	2015 Amounts for Surcharge: Average Plant in Service	Average Retires (Replacement Projects Only)	Average CIAC	Depreciation Expense	Cost of Removal Less Salvage	Tax Depr class life	Y1 Tax Depr Rate	Y2 Tax Depr Rate	Tax Depreciation	Tax over Book Depreciation
54		Q		304100	132,235	-		2,618	117	39 yr	0.01282	0.02564	2,159	(459)
55		Q		304300	-	(4,987)		(205)	200	39 yr	0.01282	0.02564	-	205
56		Q		309000	9,862	-		184	-	25 yr	0.02	0.04	296	111
57		Q		310000	25,066	-		3,091	115	25 yr	0.02	0.04	880	(2,211)
58		Q		311200	-	(5,857)		(143)	614	25 yr	0.02	0.04	-	143
59		Q		320100	376,215	(13,091)		3,958	786	25 yr	0.02	0.04	8,651	4,693
60		Q		344000	-	(147,279)		(1,488)	12	25 yr	0.02	0.04	-	1,488
61														
62	TN	R	Capitalized Tank Rehabilitation/Painting	330003	97,308	-		10,782	-	25 yr	0.02	0.04	1,946	(8,836)
63		R	Capitalized Tank Rehabilitation/Painting	320100	2,337,229	-		25,476	-	25 yr	0.02	0.04	70,435	44,959
64		R	Capitalized Tank Rehabilitation/Painting	330000	22,832	-		475	0	25 yr	0.02	0.04	711	236
65		R	Capitalized Tank Rehabilitation/Painting	330200	-	(446)		(12)	977	25 yr	0.02	0.04	-	12
66														
67	TN	S	Engineering Studies	331001	17,692	-		221	-	25 yr	0.02	0.04	354	133
68			**Total Recurring Projects**											
69														
70			**ACQUISITIONS**											
71														
72			**Total Acquisitions**											
73														
74			**CENTRALLY SPONSORED PROJECTS**											
75	TN	T26-0202	Business Transformation 2010 - 2014	340315	-			-		3 yr	0.3333	0.3333	-	-
76	TN	T26-0203	Business Transformation 2010 - 2014	340315	-			-						
77			**Total Centrally Sponsored Projects**											
78														
79			**INVESTMENT PROJECTS**											
80	TN	I26-020017	Electrical Motor Efficiency Enhancement ($2.9)		-			-						
81	TN	I26-020027	Construct 1.0MG Tank & 2500-16" ER ($1.0)		-			-						
82	TN	I26-020028	Citico Plant Improvements Phase 1B ($8.6)	320100	-			-		25 yr	0.02	0.04	-	-
83	TN	I26-020032	Wastewater Treatm't & Handling Impr ($15.3)	304400	9,273,077			197,517		39 yr	0.01282	0.02564	118,881	(78,636)
84	TN	I26-020034	3000'-24" Tennessee River Crossing ($0.5)		-			-						
85	TN	I26-020038	Retire Basin 1		-									
86	TN	I26-020039	Basin 2 Tube Settlers		-									
87	TN	I26-020040	Chlorine Gas Conversion		-			-						
88	TN	I26-020002	Post Acquisition BD Capex		-			-						
89	TN	I26-000001	Whitwell Acquisition Capital Investment	331001	-	-	0 -	-		25 yr	0.02		-	-
90	TN	I26-000001		320200	-			-		25 yr	0.02		-	-
91	TN	I26-000001		311520	-			-		25 yr	0.02		-	-
92	TN	I26-000001		340200	-			-		5 yr	0.2		-	-
93														
94					**$ 21,949,367**	**$ (324,026)**	**$ (39,433)**	**$ 653,240**	**$ 351,943**				**$ 648,465**	**$ (4,775)**
95														
96			**Total DV Excluded:**		**$ 21,585,964**	**$ (324,026)**	**$ (39,433)**	**$ 648,626**	**$ 351,943**				**$ 641,197**	**$ (7,428)**
97														

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STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
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Description TN BP 2015-2019 SCEP

Line #	Business Unit No.	Project Title	Account	2015 Amounts for Surcharge: Average Plant in Service	Average Retires (Replacement Projects Only)	Average CIAC	Depreciation Expense	Cost of Removal Less Salvage	Tax Depr class life	Y1 Tax Depr Rate	Y2 Tax Depr Rate	Tax Depreciation	Tax over Book Depreciation
98		**Total Surcharge Amt:**		**$ 19,487,331**	**$ (324,026)**	**$ -**	**$ 590,871**	**$ 351,943**				**$ 488,985**	**$ (101,886)**
99													
100		**SEC Total:**		**$ 11,799,655**	**$ (277,960)**	**$ -**	**$ 459,025**	**$ 30,896**				**$ 280,781**	**$ (178,245)**
101													
102		**EDI Total:**		**$ 184,743**	**$ -**	**$ -**	**$ 2,807**	**$ -**				**$ 4,441**	**$ 1,634**
103													
104		**QIIP Total:**		**$ 7,502,932**	**$ (46,066)**	**$ -**	**$ 129,039**	**$ 321,047**				**$ 203,763**	**$ 74,725**

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STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date June 27, 2014
Description TN BP 2015-2019 SCEP

Line #		Business Unit No.	Project Title	Account	Tax Rate	Depreciation Deferred Tax (DTA, (DTL))	NOTES	Average Accum Dep	Average Depreciation Deferred Tax (DTA, (DTL))
1			**RECURRING PROJECTS**						
2	TN	**DV**	**Projects Funded by Others**	331001	0.39225	(1,021)	This should be zero if related to non-taxable CIAC	$ (2,169)	$ (510)
3	TN	**DV**		333000	0.39225	(29)	This should be zero if related to non-taxable CIAC	(46)	(15)
4	TN	**DV**		335000	0.39225	9	This should be zero if related to non-taxable CIAC	(92)	5
5									
6	TN	A	Mains - New	331001	0.39225	(297)		(631)	(148)
7									
8	TN	B	Mains - Replaced / Restored	331001	0.39225	(6,551)		(11,677)	(3,924)
9	TN	B		333000	0.39225	(162)		(230)	(82)
10	TN	B		335000	0.39225	14		(336)	7
11									
12	TN	C	Mains - Unscheduled	331001	0.39225	(8,237)		(14,016)	(5,445)
13									
14	TN	D	Mains - Relocated	331001	0.39225	(1,106)		(2,050)	(663)
15	TN	D		333000	0.39225	(5)		(7)	(3)
16	TN	D		335000	0.39225	3		(68)	2
17									
18	TN	E	Hydrants, Valves, and Manholes - New	331001	0.39225	(215)		(374)	(142)
19	TN	E		335000	0.39225	(130)		(1,014)	(41)
20									
21	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	0.39225	(368)		(701)	(188)
22	TN	F		335000	0.39225	(626)		(5,172)	(203)
23									
24	TN	G	Services and Laterals - New	333000	0.39225	(6,020)		(8,416)	(4,073)
25									
26	TN	H	Services and Laterals - Replaced	333000	0.39225	(3,790)		(5,259)	(2,587)
27									
28	TN	I	Meters - New	334100	0.39225	5,769		(17,807)	4,732
29	TN	I		334200	0.39225	169		(4,715)	238
30									
31	TN	J	Meters - Replaced	334100	0.39225	5,626		(12,609)	3,482
32	TN	J		334200	0.39225	157		(14,504)	593
33									
34	TN	K	ITS Equipment and Systems	340200	0.39225	(36,824)		(5,772)	(18,412)
35									
36	TN	L	SCADA Equipment and Systems	340200	0.39225	(5,154)		(860)	(2,878)
37		L		320100	0.39225	(2,471)		(3,125)	(1,802)
38		L		346100	0.39225	(4,464)		(1,823)	(3,138)
39		L		346190	0.39225	(11,211)		(4,543)	(7,803)
40									
41	TN	M	Security Equipment and Systems	304500	0.39225	(117)		(366)	(58)
42									
43	TN	N	Offices and Operations Centers	304500	0.39225	(5)		(48)	(3)
44									
45	TN	O	Vehicles	341100	0.39225	(96)		(487)	(48)
46	TN	O	Vehicles	341200	0.39225	(266)		(1,667)	(133)
47	TN	O	Vehicles	341300	0.39225	(182)		(307)	(91)
48									
49	TN	P	Tools and Equipment	343000	0.39225	456		(819)	228
50									
51	TN	Q	Process Plant Facilities and Equipment	320200	0.39225	83,737		(113,928)	41,868
52	TN	Q		311520	0.39225	(1,107)		(4,280)	(595)
53	TN	Q		340200	0.39225	(18,585)		(2,913)	(9,292)

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
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STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date June 27, 2014
Description TN BP 2015-2019 SCEP

Line #		Business Unit No.	Project Title	Account	Tax Rate	Depreciation Deferred Tax (DTA, (DTL))	NOTES	Average Accum Dep	Average Depreciation Deferred Tax (DTA, (DTL))
54		Q		304100	0.39225	180		(1,807)	33
55		Q		304300	0.39225	(80)		158	(47)
56		Q		309000	0.39225	(44)		(169)	8
57		Q		310000	0.39225	867		(3,622)	(73)
58		Q		311200	0.39225	(56)		155	(34)
59		Q		320100	0.39225	(1,841)		(2,189)	(989)
60		Q		344000	0.39225	(583)		870	(243)
61									
62	TN	R	Capitalized Tank Rehabilitation/Painting	330003	0.39225	3,466		(5,391)	1,733
63		R	Capitalized Tank Rehabilitation/Painting	320100	0.39225	(17,635)		(23,526)	(12,350)
64		R	Capitalized Tank Rehabilitation/Painting	330000	0.39225	(93)		(463)	(43)
65		R	Capitalized Tank Rehabilitation/Painting	330200	0.39225	(5)		12	(3)
66									
67	TN	S	Engineering Studies	331001	0.39225	(52)		(111)	(26)
68			**Total Recurring Projects**						
69									
70			**ACQUISITIONS**						
71									
72			**Total Acquisitions**						
73									
74			**CENTRALLY SPONSORED PROJECTS**						
75	TN	T26-0202	Business Transformation 2010 - 2014	340315	0.39225	-		-	-
76	TN	T26-0203	Business Transformation 2010 - 2014	340315					
77			**Total Centrally Sponsored Projects**						
78									
79			**INVESTMENT PROJECTS**						
80	TN	I26-020017	Electrical Motor Efficiency Enhancement ($2.9)			-			
81	TN	I26-020027	Construct 1.0MG Tank & 2500-16" ER ($1.0)						
82	TN	I26-020028	Citico Plant Improvements Phase 1B ($8.6)	320100	0.39225	-		-	-
83	TN	I26-020032	Wastewater Treatm't & Handling Impr ($15.3)	304400	0.39225	30,845		(98,758)	15,422
84	TN	I26-020034	3000'-24" Tennessee River Crossing ($0.5)			-			
85	TN	I26-020038	Retire Basin 1						
86	TN	I26-020039	Basin 2 Tube Settlers						
87	TN	I26-020040	Chlorine Gas Conversion						
88	TN	I26-020002	Post Acquisition BD Capex						
89	TN	I26-000001	Whitwell Acquisition Capital Investment	331001	0.39225	-		-	-
90	TN	I26-000001		320200	0.39225	-		-	-
91	TN	I26-000001		311520	0.39225	-		-	-
92	TN	I26-000001		340200	0.39225	-		-	-
93									
94						**$ 1,873**	See note under DV above	**$ (377,670)**	**$ (7,735)**
95									
96			**Total DV Excluded:**			**$ 2,914**		**$ (375,363)**	**$ (7,214)**
97									

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Tennessee American Water Company
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STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date June 27, 2014
Description TN BP 2015-2019 SCEP

Line #	Business Unit No.	Project Title	Account	Tax Rate	Depreciation Deferred Tax (DTA, (DTL))	NOTES	Average Accum Dep	Average Depreciation Deferred Tax (DTA, (DTL))
98		**Total Surcharge Amt:**			**$ 39,965**		**$ (335,215)**	**$ 10,373**
99								
100		**SEC Total:**			**$ 69,916**		**$ (237,199)**	**$ 30,378**
101								
102		**EDI Total:**			**$ (641)**		**$ (2,019)**	**$ (331)**
103								
104		**QIIP Total:**			**$ (29,311)**		**$ (95,997)**	**$ (19,674)**

Tennessee American Water Company
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STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date May 21, 2015
Description TN BP 2016-2020 SCEP

2,336,228

Line #		Business Unit No.	Project Title	Account	Account Descrip	Portion to Account	In-Service (Months)	Dep Rate	Prior Year Period 11 Spend	Prior Year Period 12 Spend	2015 SCEP Reforecast	Prior 2015 SCEP
1			**RECURRING PROJECTS**									
2	TN	**DV**	**Projects Funded by Others**	331001	Transmission & Distribution Mains	95.5%	3	1.25%	120,000	100,000		$ 763,095
3	TN	**DV**		333000	Services	2.3%	3	1.11%	120,000	100,000		18,378
4	TN	**DV**		335000	Hydrants	2.2%	3	2.30%	120,000	100,000		17,579
5												
6	TN	A	Mains - New	331001	Transmission & Distribution Mains	100.0%	3	1.25%	-	-		164,387
7												
8	TN	B	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	96.8%	3	1.25%	30,000	20,000		2,239,352
9	TN	B		333000	Services	2.9%	3	1.11%	30,000	20,000		65,147
10	TN	B		335000	Hydrants	0.3%	3	2.30%	30,000	20,000		31,729
11												
12	TN	C	Mains - Unscheduled	331001	Transmission & Distribution Mains	100.0%	3	1.25%	60,000	110,000		1,768,198
13												
14	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains	96.2%	3	1.25%	-	-		431,486
15	TN	D		333000	Services	0.5%	3	1.11%	-	-		2,171
16	TN	D		335000	Hydrants	3.3%	3	2.30%	-	-		12,428
17												
18	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	58.7%	1	1.25%				52,112
19	TN	E		335000	Hydrants	41.3%	1	2.30%				58,393
20												
21	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	64.1%	1	1.25%				261,855
22	TN	F		335000	Hydrants	35.9%	1	2.30%				353,728
23												
24	TN	G	Services and Laterals - New	333000	Services	100.0%	1	1.11%				1,189,660
25												
26	TN	H	Services and Laterals - Replaced	333000	Services	100.0%	1	1.11%				692,503
27												
28	TN	I	Meters - New	334100	Meters	64.2%	1	7.47%				470,471
29	TN	I		334200	Meter Installations	35.8%	1	2.73%				331,075
30												
31	TN	J	Meters - Replaced	334100	Meters	72.5%	1	7.47%				568,720
32	TN	J		334200	Meter Installations	27.5%	1	2.73%				817,759
33												
34	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment	100.0%	1	2.19%				1,028,356
35												
36	TN	L	SCADA Equipment and Systems	340200	Computer & Peripheral Equipment	100.0%	1	2.19%				202,205
37		L		320100	WT Equip Non-Media			1.09%				268,337
38		L		346100	Comm Equip Non-Telephone			4.21%				57,328
39		L		346190	Remote Control & Instrument			4.21%				144,865
40												
41	TN	M	Security Equipment and Systems	304500	Structures & Improvement - General	100.0%	1	1.13%				196,193
42												
43	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General	100.0%	1	1.13%				25,000
44												
45	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks	19.3%	1	16.00%				77,200
46	TN	O		341200	Transportation Equip Hvy Duty Trucks	63.6%	1	16.62%				254,400
47	TN	O		341300	Transportation Equip Autos	17.1%	1	11.38%				68,400
48												
49	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment	100.0%	1	6.89%				40,000
50												
51	TN	Q	Process Plant Facilities and Equipment	320100	WT Equip Non-Media	57.6%	1	1.09%				1,516,704
52	TN	Q		311520	Pumping Equipment SOS	21.0%	1	1.83%				669,104
53	TN	Q		340200	Computer & Peripheral Equipment	21.3%	1	2.19%				561,236
54		Q		304100	Struct & Imp-Supply			1.98%				132,235
55		Q		304300	Struct & Imp-Treatment			4.11%				-
56		Q		309000	Supply Mains			1.87%				9,862
57		Q		310000	Power Generation Equip			12.33%				25,066
58		Q		311200	Pump Eqp Electric			2.45%				-
59		Q		320200	Water Trmt Equip Filter Media			33.69%				376,215
60		Q		344000	Laboratory Equipment			1.01%				-
61												
62	TN	R	Capitalized Tank Rehabilitation/Painting	330003	Tank Repainting	100.0%	1	11.08%				500,000
63		R		320100	WT Equip Non-Media			1.09%				2,337,229
64		R		330000	Dist Reservoirs & Standpipes			2.08%				22,832
65		R		330200	Ground Level Tanks			2.74%				-
66												
67	TN	S	Engineering Studies	331001	Transmission & Distribution Mains	100.0%	1	1.25%				35,000
68			**Total Recurring Projects**									
69												
70			**ACQUISITIONS**									
71												
72			**Total Acquisitions**									
73												
74			**CENTRALLY SPONSORED PROJECTS**									
75	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	100.0%	1	10.00%				-
76	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	100.0%	1	10.00%				-
77			**Total Centrally Sponsored Projects**									
78												
79			**INVESTMENT PROJECTS**							**Inception to Date Spend**	**2015 SCEP Reforecast**	
80	TN	I26-020017	Electrical Motor Efficiency Enhancement ($2.9)			100.0%	7/17/2018					-
81	TN	I26-020027	Construct 1.0MG Tank & 2500-16" ER ($1.0)			100.0%	7/31/2019					-
82	TN	I26-020028	Citico Plant Improvements Phase 1B ($8.6)	320100	WT Equip Non-Media	100.0%	6/1/2016	1.09%		1,600,000		-
83	TN	I26-020032	Wastewater Treatm't & Handling Impr ($15.3)	304400	Struct & Imp-T&D	100.0%	10/17/2015	2.13%				15,300,000
84	TN	I26-020034	3000'-24" Tennessee River Crossing ($0.5)			100.0%	12/29/2017					-
85	TN	I26-020038	Retire Basin 1	304300	Struct & Imp-WT	100.0%	11/30/2016	4.11%				-
86	TN	I26-020039	Basin 2 Tube Settlers			100.0%	7/30/2018					-
87	TN	I26-020040	Chlorine Gas Conversion			100.0%	11/30/2020					-

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
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STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date May 21, 2015
Description TN BP 2016-2020 SCEP

2,336,228

Line #		Business Unit No.	Project Title	Account	Account Descrip	Portion to Account	In-Service (Months)	Dep Rate	Prior Year Period 11 Spend	Prior Year Period 12 Spend	2015 SCEP Reforecast	Prior 2015 SCEP
88	TN	I26-020002	Post Acquisition BD Capex			100.0%						-
89	TN	I26-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains	85.0%	12/31/2014	1.25%				-
90	TN	I26-000001		320200	WT Equip Non-Media	6.0%	12/31/2014	33.69%				-
91	TN	I26-000001		311520	Pumping Equipment SOS	4.5%	12/31/2014	1.83%				-
92	TN	I26-000001		340200	Computer & Peripheral Equipment	4.5%	12/31/2014	2.19%				-
93												
94												
95												
96			**Total DV Excluded:**									
97												
98			**Total Surcharge Amt:**									
99												
100			**SEC Total:**									
101												
102			**EDI Total:**									
103												
104			**QIIP Total:**									
105												

Tennessee American Water Company
Qualified Infrastructure Improvement Program
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STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

				16,666.67	6,666.67	16,666.67	50,000.00	100,000.00	141,666.67	160,000.00	153,333.33	111,666.67	66,833.33	23,500.00	6,833.33	
Business Unit	Tennessee			2,352,895	2,359,562	2,376,228	2,426,228	2,526,228	2,667,895	2,827,895	2,981,228	3,092,895	3,159,728	3,183,228	3,190,062	
Revision Date	May 21, 2015															
Description	TN BP 2016-2020 SCEP															

					Cumulative Balance of In-Serviced Plant, from 2016 Capex, by Period												
Line #		**Business Unit No.**	**Project Title**	**Account**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**Surcharge**
1			**RECURRING PROJECTS**														
2	TN	**DV**	**Projects Funded by Others**	331001	$ 834,720	$ 869,737	$ 882,470	$ 915,895	$ 995,478	$ 1,097,345	$ 1,194,437	$ 1,261,287	$ 1,312,220	$ 1,364,745	$ 1,437,962	$ 1,527,095	
3	TN	**DV**		333000	20,103	20,947	21,253	22,058	23,975	26,428	28,767	30,377	31,603	32,868	34,632	36,778	
4	TN	**DV**		335000	19,229	20,036	20,329	21,099	22,932	25,279	27,516	29,056	30,229	31,439	33,126	35,179	
5																	
6	TN	A	Mains - New	331001	164,387	164,387	164,387	167,721	181,054	207,721	247,721	291,054	331,054	361,054	377,721	384,387	EDI
7																	
8	TN	B	Mains - Replaced / Restored	331001	2,255,486	2,261,939	2,278,072	2,326,472	2,423,272	2,560,406	2,715,286	2,863,712	2,971,806	3,036,500	3,059,248	3,065,863	QIIP
9	TN	B		333000	65,631	65,824	66,307	67,757	70,657	74,766	79,406	83,852	87,091	89,029	89,710	89,908	QIIP
10	TN	B		335000	31,779	31,799	31,849	31,999	32,299	32,724	33,204	33,664	33,999	34,199	34,270	34,290	QIIP
11																	
12	TN	C	Mains - Unscheduled	331001	1,846,532	1,924,865	1,996,532	2,058,198	2,113,198	2,161,532	2,221,532	2,301,532	2,389,865	2,486,532	2,576,532	2,674,865	QIIP
13																	
14	TN	D	Mains - Relocated	331001	431,486	431,486	441,106	463,553	518,066	578,993	636,713	662,366	671,986	671,986	671,986	671,986	QIIP
15	TN	D		333000	2,171	2,171	2,221	2,338	2,621	2,938	3,238	3,371	3,421	3,421	3,421	3,421	QIIP
16	TN	D		335000	12,428	12,428	12,758	13,528	15,398	17,488	19,468	20,348	20,678	20,678	20,678	20,678	QIIP
17																	
18	TN	E	Hydrants, Valves, and Manholes - New	331001	52,112	53,286	56,221	57,982	60,917	63,265	66,200	71,189	76,179	79,701	81,462	81,462	EDI
19	TN	E		335000	58,393	59,219	61,284	62,523	64,588	66,240	68,305	71,815	75,326	77,804	79,043	79,043	EDI
20																	
21	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	261,855	261,855	265,060	274,675	287,495	306,725	325,955	364,415	383,645	415,695	428,515	434,925	QIIP
22	TN	F		335000	353,728	353,728	355,523	360,908	368,088	378,858	389,628	411,168	421,938	439,888	447,068	450,658	QIIP
23																	
24	TN	G	Services and Laterals - New	333000	1,214,660	1,244,660	1,280,660	1,330,660	1,386,660	1,451,660	1,506,660	1,562,660	1,608,660	1,649,660	1,684,660	1,711,460	
25																	
26	TN	H	Services and Laterals - Replaced	333000	692,503	702,503	722,503	740,503	765,503	800,503	833,503	856,503	877,503	902,503	922,503	942,503	QIIP
27																	
28	TN	I	Meters - New	334100	470,471	476,891	486,521	500,645	514,769	535,313	555,472	568,312	577,942	587,572	593,992	595,597	
29	TN	I		334200	331,075	334,655	340,025	347,901	355,777	367,233	378,475	385,635	391,005	396,375	399,955	400,850	
30																	
31	TN	J	Meters - Replaced	334100	604,970	630,345	673,845	713,720	739,095	764,470	818,845	872,444	930,444	1,017,444	1,079,069	1,115,319	QIIP
32	TN	J		334200	831,509	841,134	857,634	872,759	882,384	892,009	912,634	932,965	954,965	987,965	1,011,340	1,025,090	QIIP
33																	
34	TN	K	ITS Equipment and Systems	340200	1,059,802	1,105,549	1,173,795	1,315,872	1,381,390	1,461,492	1,615,080	1,710,923	1,813,321	1,899,849	1,992,253	2,066,981	
35																	
36	TN	L	SCADA Equipment and Systems	340200	202,205	202,205	202,205	202,205	237,205	337,205	462,205	462,205	462,205	462,205	462,205	462,205	SEC
37		L		320100	268,337	268,337	268,337	268,337	268,337	268,337	268,337	268,337	268,337	268,337	268,337	268,337	SEC
38		L		346100	57,328	57,328	57,328	57,328	57,328	57,328	57,328	57,328	57,328	57,328	57,328	57,328	SEC
39		L		346190	144,865	144,865	144,865	144,865	144,865	144,865	144,865	144,865	144,865	144,865	144,865	144,865	SEC
40																	
41	TN	M	Security Equipment and Systems	304500	196,193	196,193	206,193	216,193	236,193	281,193	291,193	311,193	331,193	356,193	376,193	396,193	SEC
42																	
43	TN	N	Offices and Operations Centers	304500	25,000	25,000	25,000	65,000	65,000	65,000	65,000	65,000	65,000	65,000	65,000	65,000	
44																	
45	TN	O	Vehicles	341100	77,200	77,200	77,200	77,200	93,267	109,335	125,402	141,469	141,469	141,469	141,469	141,469	
46	TN	O		341200	254,400	254,400	254,400	254,400	307,347	360,294	413,241	466,188	466,188	466,188	466,188	466,188	
47	TN	O		341300	68,400	68,400	68,400	68,400	82,636	96,872	111,107	125,343	125,343	125,343	125,343	125,343	
48																	
49	TN	P	Tools and Equipment	343000	45,000	50,000	55,000	65,000	70,000	80,000	85,000	91,000	92,000	96,000	98,000	100,000	
50																	
51	TN	Q	Process Plant Facilities and Equipment	320100	1,516,704	1,562,819	1,620,462	1,706,926	1,799,155	1,851,034	1,885,620	1,931,734	1,989,377	2,047,020	2,078,724	2,078,724	SEC
52	TN	Q		311520	669,104	685,925	706,952	738,493	772,136	791,060	803,676	820,498	841,525	862,552	874,117	874,117	SEC
53	TN	Q		340200	561,236	578,300	599,630	631,625	665,753	684,950	697,748	714,812	736,142	757,472	769,203	769,203	SEC
54		Q		304100	132,235	132,235	132,235	132,235	132,235	132,235	132,235	132,235	132,235	132,235	132,235	132,235	SEC
55		Q		304300	-	-	-	-	-	-	-	-	-	-	-	-	SEC
56		Q		309000	9,862	9,862	9,862	9,862	9,862	9,862	9,862	9,862	9,862	9,862	9,862	9,862	SEC
57		Q		310000	25,066	25,066	25,066	25,066	25,066	25,066	25,066	25,066	25,066	25,066	25,066	25,066	SEC
58		Q		311200	-	-	-	-	-	-	-	-	-	-	-	-	SEC
59		Q		320200	376,215	376,215	376,215	376,215	376,215	376,215	376,215	376,215	376,215	376,215	376,215	376,215	SEC
60		Q		344000	-	-	-	-	-	-	-	-	-	-	-	-	SEC
61																	
62	TN	R	Capitalized Tank Rehabilitation/Painting	330003	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	QIIP
63		R		320100	2,337,229	2,337,229	2,337,229	2,337,229	2,337,229	2,337,229	2,337,229	2,337,229	2,337,229	2,337,229	2,337,229	2,337,229	QIIP
64		R		330000	22,832	22,832	22,832	22,832	22,832	22,832	22,832	22,832	22,832	22,832	22,832	22,832	QIIP
65		R		330200	-	-	-	-	-	-	-	-	-	-	-	-	QIIP
66																	
67	TN	S	Engineering Studies	331001	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	
68			**Total Recurring Projects**														
69																	
70			**ACQUISITIONS**														
71																	
72			**Total Acquisitions**														
73																	
74			**CENTRALLY SPONSORED PROJECTS**														
75	TN	T26-0202	Business Transformation 2010 - 2014	340315	-	-	-	-	-	-	-	-	-	-	-	-	
76	TN	T26-0203	Business Transformation 2010 - 2014	340315	-	-	-	-	-	-	-	-	-	-	-	-	
77			**Total Centrally Sponsored Projects**														
78																	
79			**INVESTMENT PROJECTS**														
80	TN	I26-020017	Electrical Motor Efficiency Enhancement ($2.9)		-	-	-	-	-	-	-	-	-	-	-	-	SEC
81	TN	I26-020027	Construct 1.0MG Tank & 2500-16" ER ($1.0)		-	-	-	-	-	-	-	-	-	-	-	-	EDI
82	TN	I26-020028	Citico Plant Improvements Phase 1B ($8.6)	320100	-	-	-	-	-	8,155,073	8,223,551	8,249,997	8,249,997	8,249,997	8,249,997	8,249,997	QIIP
83	TN	I26-020032	Wastewater Treatm't & Handling Impr ($15.3)	304400	15,300,000	15,300,000	15,300,000	15,300,000	15,300,000	15,300,000	15,300,000	15,300,000	15,300,000	15,300,000	15,300,000	15,300,000	SEC
84	TN	I26-020034	3000'-24" Tennessee River Crossing ($0.5)		-	-	-	-	-	-	-	-	-	-	-	-	EDI
85	TN	I26-020038	Retire Basin 1	304300	-	-	-	-	-	-	-	-	-	-	-	300,000	SEC
86	TN	I26-020039	Basin 2 Tube Settlers		-	-	-	-	-	-	-	-	-	-	-	-	SEC
87	TN	I26-020040	Chlorine Gas Conversion		-	-	-	-	-	-	-	-	-	-	-	-	SEC

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
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STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

										16,666.67	6,666.67	16,666.67	50,000.00	100,000.00	141,666.67	160,000.00	153,333.33	111,666.67	66,833.33	23,500.00	6,833.33		
Business Unit	Tennessee									2,352,895	2,359,562	2,376,228	2,426,228	2,526,228	2,667,895	2,827,895	2,981,228	3,092,895	3,159,728	3,183,228	3,190,062		
Revision Date	May 21, 2015																							
Description	TN BP 2016-2020 SCEP																							
										Cumulative Balance of In-Serviced Plant, from 2016 Capex, by Period														
Line #		**Business Unit No.**	**Project Title**	**Account**						**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**			**Surcharge**
88	TN	I26-020002	Post Acquisition BD Capex							-	-	-	-	-	-	-	-	-	-	-	-			
89	TN	I26-000001	Whitwell Acquisition Capital Investment	331001						-	-	-	-	-	-	-	-	-	-	-	-			QIIP
90	TN	I26-000001		320200						-	-	-	-	-	-	-	-	-	-	-	-			QIIP
91	TN	I26-000001		311520						-	-	-	-	-	-	-	-	-	-	-	-			QIIP
92	TN	I26-000001		340200						-	-	-	-	-	-	-	-	-	-	-	-			QIIP
93																								
94																								**Total DV Included:**
95																								
96				**Total DV Excluded:**																				
97																								
98				**Total Surcharge Amt:**																				
99																								
100				**SEC Total:**																				
101																								
102				**EDI Total:**																				
103																								
104				**QIIP Total:**																				
105																								

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Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
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STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date May 21, 2015
Description TN BP 2016-2020 SCEP

2016 Amounts for Surcharge

Line #		Business Unit No.	Project Title	Account	Average Plant in Service	Average Retires (Replacement Projects Only)	Average CIAC	Depreciation Expense	Cost of Removal Less Salvage	Tax Depr class life	Y1 Tax Depr Rate	Y2 Tax Depr Rate	Y3 Tax Depr Rate	Tax Depreciation	Tax over Book Depreciation	Tax Rate	Depreciation Deferred Tax (DTA, (DTL))	NOTES	Accum Dep	Average Depreciation Deferred Tax (DTA, (DTL))
1			**RECURRING PROJECTS**																	
2	TN	DV	**Projects Funded by Others**	331001	$ 1,112,037	$ -		$ 13,900	$ -	25 yr	0.02	0.04	0.04	37,503	23,602	0.39225	(9,258)	This should be zero if related to non-taxable C	$ (11,288)	$ (5,650)
3	TN	DV		333000	26,782	-		297	-	25 yr	0.02	0.04	0.04	903	606	0.39225	(238)	This should be zero if related to non-taxable C	(241)	(148)
4	TN	DV		335000	25,618	-		589	-	25 yr	0.02	0.04	0.04	864	275	0.39225	(108)	This should be zero if related to non-taxable C	(478)	(44)
5																				
6	TN	A	Mains - New	331001	246,695	-		3,084	-	25 yr	0.02	0.04	0.04	8,222	5,138	0.39225	(2,015)		(2,803)	(1,304)
7																				
8	TN	B	Mains - Replaced / Restored	331001	2,619,801	(33,112)		32,334	188,666	25 yr	0.02	0.04	0.04	97,183	64,849	0.39225	(25,437)		(36,768)	(19,918)
9	TN	B		333000	76,545	(885)		840	20,026	25 yr	0.02	0.04	0.04	2,834	1,994	0.39225	(782)		(876)	(554)
10	TN	B		335000	32,908	(982)		734	810	25 yr	0.02	0.04	0.04	1,293	558	0.39225	(219)		(1,038)	(95)
11																				
12	TN	C	Mains - Unscheduled	331001	2,193,839	(27,165)		27,083	144,644	25 yr	0.02	0.04	0.04	79,241	52,157	0.39225	(20,459)		(35,936)	(19,793)
13																				
14	TN	D	Mains - Relocated	331001	560,246	(7,454)		6,910	47,461	25 yr	0.02	0.04	0.04	19,835	12,925	0.39225	(5,070)		(7,087)	(3,751)
15	TN	D		333000	2,841	(35)		31	4,882	25 yr	0.02	0.04	0.04	100	69	0.39225	(27)		(30)	(18)
16	TN	D		335000	16,845	(1,273)		358	976	25 yr	0.02	0.04	0.04	585	227	0.39225	(89)		(315)	(41)
17																				
18	TN	E	Hydrants, Valves, and Manholes - New	331001	65,545	-		819	-	25 yr	0.02	0.04	0.04	2,353	1,534	0.39225	(602)		(1,011)	(550)
19	TN	E		335000	67,844	-		1,560	-	25 yr	0.02	0.04	0.04	2,525	964	0.39225	(378)		(2,339)	(295)
20																				
21	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	328,667	(6,299)		4,030	34,304	25 yr	0.02	0.04	0.04	11,810	7,781	0.39225	(3,052)		(3,400)	(1,898)
22	TN	F		335000	391,147	(21,820)		8,495	17,027	25 yr	0.02	0.04	0.04	14,898	6,403	0.39225	(2,512)		(12,438)	(1,771)
23																				
24	TN	G	Services and Laterals - New	333000	1,447,875	-	(118,299)	14,758	-	25 yr	0.02	0.04	0.04	48,807	34,049	0.39225	(13,356)		(20,832)	(13,761)
25																				
26	TN	H	Services and Laterals - Replaced	333000	803,964	(7,542)		8,840	129,443	25 yr	0.02	0.04	0.04	29,929	21,089	0.39225	(8,272)		(12,738)	(8,618)
27																				
28	TN	I	Meters - New	334100	533,382	-		39,844	-	25 yr	0.02	0.04	0.04	20,077	(19,767)	0.39225	7,753		(49,104)	11,494
29	TN	I		334200	366,157	-		9,996	-	25 yr	0.02	0.04	0.04	13,945	3,949	0.39225	(1,549)		(12,969)	(452)
30																				
31	TN	J	Meters - Replaced	334100	809,902	(2,518)		60,312	133,188	25 yr	0.02	0.04	0.04	27,572	(32,739)	0.39225	12,842		(53,046)	12,716
32	TN	J		334200	909,242	(7,247)		24,624	100,268	25 yr	0.02	0.04	0.04	34,540	9,916	0.39225	(3,889)		(36,412)	(1,273)
33																				
34	TN	K	ITS Equipment and Systems	340200	1,509,589	-		33,060	-	5 yr	0.2	0.32	0.192	425,321	392,261	0.39225	(153,864)		(28,074)	(113,756)
35																				
36	TN	L	SCADA Equipment and Systems	340200	335,282	-		7,343	-	5 yr	0.2	0.32	0.192	89,119	81,776	0.39225	(32,077)		(5,297)	(21,493)
37		L		320100	268,337	(12,365)		2,790	5,933	25 yr	0.02	0.04	0.04	10,733	7,943	0.39225	(3,116)		(5,915)	(4,596)
38		L		346100	57,328	-		2,414	-	5 yr	0.2	0.32	0.192	11,007	8,593	0.39225	(3,371)		(4,236)	(7,056)
39		L		346190	144,865	-		6,099	-	5 yr	0.2	0.32	0.192	27,814	21,715	0.39225	(8,518)		(10,642)	(17,667)
40																				
41	TN	M	Security Equipment and Systems	304500	276,193	(40,060)		2,668	-	39 yr	0.01282	0.02564	0.02564	6,056	3,388	0.39225	(1,329)		(2,065)	(781)
42																				
43	TN	N	Offices and Operations Centers	304500	52,692	-		595	-	39 yr	0.01282	0.02564	0.02564	996	401	0.39225	(157)		(393)	(84)
44																				
45	TN	O	Vehicles	341100	27,334	-		4,373	-	5 yr	0.2	0.32	0.192	14,731	10,357	0.39225	(4,063)		(3,161)	(2,127)
46	TN	O		341200	90,074	-		14,970	-	5 yr	0.2	0.32	0.192	48,543	33,572	0.39225	(13,169)		(10,819)	(6,850)
47	TN	O		341300	24,218	-		2,756	-	5 yr	0.2	0.32	0.192	13,052	10,296	0.39225	(4,038)		(1,992)	(2,202)
48																				
49	TN	P	Tools and Equipment	343000	74,385	-		5,125	-	25 yr	0.02	0.04	0.04	2,288	(2,837)	0.39225	1,113		(4,200)	1,012
50																				
51	TN	Q	Process Plant Facilities and Equipment	320100	1,814,231	(22,248)		19,533	2,255	25 yr	0.02	0.04	0.04	66,619	47,086	0.39225	(18,470)		(13,934)	(11,144)
52	TN	Q		311520	777,635	(46,835)		13,374	4,633	25 yr	0.02	0.04	0.04	28,935	15,561	0.39225	(6,104)		(14,090)	(4,201)
53	TN	Q		340200	671,331	-		14,702	-	5 yr	0.2	0.32	0.192	201,615	186,912	0.39225	(73,316)		(13,177)	(55,243)
54		Q		304100	132,235	-		2,618	117	39 yr	0.01282	0.02564	0.02564	3,390	772	0.39225	(303)		(4,425)	(28)
55		Q		304300	-	(4,987)		(205)	200	39 yr	0.01282	0.02564	0.02564	-	205	0.39225	(80)		363	(128)
56		Q		309000	9,862	-		184	-	25 yr	0.02	0.04	0.04	394	210	0.39225	(82)		(353)	(55)
57		Q		310000	25,066	-		3,091	115	25 yr	0.02	0.04	0.04	1,003	(2,088)	0.39225	819		(6,713)	770
58		Q		311200	-	(5,857)		(143)	614	25 yr	0.02	0.04	0.04	-	143	0.39225	(56)		299	(90)
59		Q		320200	376,215	(113,575)		88,484	56,137	25 yr	0.02	0.04	0.04	15,049	(73,435)	0.39225	28,805		(272,099)	98,139
60		Q		344000	-	(147,279)		(1,488)	12	25 yr	0.02	0.04	0.04	-	1,488	0.39225	(583)		2,358	(827)
61																				
62	TN	R	Capitalized Tank Rehabilitation/Painting	330003	500,000	-		55,400	-	25 yr	0.02	0.04	0.04	20,000	(35,400)	0.39225	13,886		(38,482)	10,409
63		R		320100	2,337,229	-		25,476	-	25 yr	0.02	0.04	0.04	93,489	68,013	0.39225	(26,678)		(49,002)	(34,507)
64		R		330000	22,832	-		475	0	25 yr	0.02	0.04	0.04	913	438	0.39225	(172)		(938)	(175)
65		R		330200	-	(446)		(12)	977	25 yr	0.02	0.04	0.04	-	12	0.39225	(5)		24	(8)
66																				
67	TN	S	Engineering Studies	331001	35,000	-		438	-	25 yr	0.02	0.04	0.04	1,400	963	0.39225	(378)		(440)	(241)
68			**Total Recurring Projects**																	
69																				
70			**ACQUISITIONS**																	
71																				
72			**Total Acquisitions**																	
73																				
74			**CENTRALLY SPONSORED PROJECTS**																	
75	TN	T26-0202	Business Transformation 2010 - 2014	340315	-			-	-	3 yr	0.3333	0.3333	0.3334	-	-	0.39225	-		0	0
76	TN	T26-0203	Business Transformation 2010 - 2014	340315	-			-												
77			**Total Centrally Sponsored Projects**																	
78																				
79			**INVESTMENT PROJECTS**																	
80	TN	I26-020017	Electrical Motor Efficiency Enhancement ($2.9)		-			-									-			
81	TN	I26-020027	Construct 1.0MG Tank & 2500-16" ER ($1.0)		-			-												
82	TN	I26-020028	Citico Plant Improvements Phase 1B ($8.6)	320100	4,432,970			48,319		25 yr	0.02	0.04	0.04	88,659	40,340	0.39225	(15,823)		(24,160)	(7,912)
83	TN	I26-020032	Wastewater Treatm't & Handling Impr ($15.3)	304400	15,300,000			325,890		39 yr	0.01282	0.02564	0.02564	392,292	66,402	0.39225	(26,046)		(360,462)	17,822
84	TN	I26-020034	3000'-24" Tennessee River Crossing ($0.5)		-			-									-			
85	TN	I26-020038	Retire Basin 1	304300	23,077	(201)		940	23,077	39 yr	0.01282	0.02564	0.02564	296	(644)	0.39225	253		(470)	126
86	TN	I26-020039	Basin 2 Tube Settlers		-			-												
87	TN	I26-020040	Chlorine Gas Conversion		-			-												

Tennessee American Water Company
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STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date May 21, 2015
Description TN BP 2016-2020 SCEP

Line #		Business Unit No.	Project Title	Account	2016 Amounts for Surcharge: Average Plant in Service	Average Retires (Replacement Projects Only)	Average CIAC	Depreciation Expense	Cost of Removal Less Salvage	Tax Depr class life	Y1 Tax Depr Rate	Y2 Tax Depr Rate	Y3 Tax Depr Rate	Tax Depreciation	Tax over Book Depreciation	Tax Rate	Depreciation Deferred Tax (DTA, (DTL))	NOTES	Accum Dep	Average Depreciation Deferred Tax (DTA, (DTL))
88	TN	I26-020002	Post Acquisition BD Capex		-			-												
89	TN	I26-000001	Whitwell Acquisition Capital Investment	331001	-			-		25 yr	0.02	0.04	0.04	-	-	0.39225	-		0	0
90	TN	I26-000001		320200	-			-		25 yr	0.02	0.04	0.04	-	-	0.39225	-		0	0
91	TN	I26-000001		311520	-			-		25 yr	0.02	0.04	0.04	-	-	0.39225	-		0	0
92	TN	I26-000001		340200	-			-		5 yr	0.2	0.32	0.192	-	-	0.39225	-		0	0
93																				
94					$ 41,955,862	$ (510,184)	$ (118,299)	$ 938,708	$ 915,767					$ 2,018,732	$ 1,080,024		$ (423,639)	See note under DV above		
95																				
96			**Total DV Excluded:**		$ 40,791,426	$ (510,184)	$ (118,299)	$ 923,921	$ 915,767					$ 1,979,462	$ 1,055,541		$ (414,036)			
97																				
98			**Total Surcharge Amt:**		$ 36,630,720	$ (510,184)	$ -	$ 798,005	$ 915,767					$ 1,390,303	$ 592,298		$ (232,329)			
99																				
100			**SEC Total:**		$ 20,211,658	$ (393,406)	$ -	$ 488,293	$ 93,093					$ 854,321	$ 366,029		$ (143,575)			
101																				
102			**EDI Total:**		$ 380,084	$ -	$ -	$ 5,463	$ -					$ 13,100	$ 7,636		$ (2,995)			
103																				
104			**QIIP Total:**		$ 16,038,978	$ (116,778)	$ -	$ 304,249	$ 822,674					$ 522,882	$ 218,634		$ (85,759)			
105																				

Tennessee American Water Company
Qualified Infrastructure Improvement Program
Economic Development Rider
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Workpaper without array formulas

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit Tennessee
Revision Date May 21, 2015
Description TN BP 2016-2020 SCEP

														16,666.67	6,666.67
												2,336,228	2,352,895	2,359,562	
Line #		Business Unit No.	Project Title	Account	Account Descrip	Portion to Account	In-Service (Months)	Dep Rate	Prior Year Period 11 Spend	Prior Year Period 12 Spend	2015 SCEP Reforecast	Prior 2015 SCEP	1	2	
1			**RECURRING PROJECTS**												
2	TN	**DV**	**Projects Funded by Others**	331001	Transmission & Distribution Mains	95.5%	3	1.25%	120,000	100,000		$ 763,095	$ 834,720	$ 869,737	
3	TN	**DV**		333000	Services	2.3%	3	1.11%	120,000	100,000		18,378	$ 20,103	20,947	
4	TN	**DV**		335000	Hydrants	2.2%	3	2.30%	120,000	100,000		17,579	$ 19,229	20,036	
5															
6	TN	A	Mains - New	331001	Transmission & Distribution Mains	100.0%	3	1.25%	-	-		164,387	164,387	164,387	
7															
8	TN	B	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	96.8%	3	1.25%	30,000	20,000		2,239,352	2,255,486	2,261,939	
9	TN	B		333000	Services	2.9%	3	1.11%	30,000	20,000		65,147	65,631	65,824	
10	TN	B		335000	Hydrants	0.3%	3	2.30%	30,000	20,000		31,729	31,779	31,799	
11															
12	TN	C	Mains - Unscheduled	331001	Transmission & Distribution Mains	100.0%	3	1.25%	60,000	110,000		1,768,198	1,846,532	1,924,865	
13															
14	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains	96.2%	3	1.25%	-	-		431,486	431,486	431,486	
15	TN	D		333000	Services	0.5%	3	1.11%	-	-		2,171	2,171	2,171	
16	TN	D		335000	Hydrants	3.3%	3	2.30%	-	-		12,428	12,428	12,428	
17															
18	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	58.7%	1	1.25%				52,112	52,112	53,286	
19	TN	E		335000	Hydrants	41.3%	1	2.30%				58,393	58,393	59,219	
20															
21	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	64.1%	1	1.25%				261,855	261,855	261,855	
22	TN	F		335000	Hydrants	35.9%	1	2.30%				353,728	353,728	353,728	
23															
24	TN	G	Services and Laterals - New	333000	Services	100.0%	1	1.11%				1,189,660	1,214,660	1,244,660	
25															
26	TN	H	Services and Laterals - Replaced	333000	Services	100.0%	1	1.11%				692,503	692,503	702,503	
27															
28	TN	I	Meters - New	334100	Meters	64.2%	1	7.47%				470,471	470,471	476,891	
29	TN	I		334200	Meter Installations	35.8%	1	2.73%				331,075	331,075	334,655	
30															
31	TN	J	Meters - Replaced	334100	Meters	72.5%	1	7.47%				568,720	604,970	630,345	
32	TN	J		334200	Meter Installations	27.5%	1	2.73%				817,759	831,509	841,134	
33															
34	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment	100.0%	1	2.19%				1,028,356	1,059,802	1,105,549	
35															
36	TN	L	SCADA Equipment and Systems	340200	Computer & Peripheral Equipment	100.0%	1	2.19%				202,205	202,205	202,205	
37		L		320100	WT Equip Non-Media			1.09%				268,337	268,337	268,337	
38		L		346100	Comm Equip Non-Telephone			4.21%				57,328	57,328	57,328	
39		L		346190	Remote Control & Instrument			4.21%				144,865	144,865	144,865	
40															
41	TN	M	Security Equipment and Systems	304500	Structures & Improvement - General	100.0%	1	1.13%				196,193	196,193	196,193	
42															
43	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General	100.0%	1	1.13%				25,000	25,000	25,000	
44															
45	TN	O	Vehicles	341100	Transportation Equip Lt Duty Trucks	19.3%	1	16.00%				77,200	77,200	77,200	
46	TN	O		341200	Transportation Equip Hvy Duty Trucks	63.6%	1	16.62%				254,400	254,400	254,400	
47	TN	O		341300	Transportation Equip Autos	17.1%	1	11.38%				68,400	68,400	68,400	
48															
49	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment	100.0%	1	6.89%				40,000	45,000	50,000	
50															
51	TN	Q	Process Plant Facilities and Equipment	320100	WT Equip Non-Media	57.6%	1	1.09%				1,516,704	1,516,704	1,562,819	
52	TN	Q		311520	Pumping Equipment SOS	21.0%	1	1.83%				669,104	669,104	685,925	
53	TN	Q		340200	Computer & Peripheral Equipment	21.3%	1	2.19%				561,236	561,236	578,300	
54		Q		304100	Struct & Imp-Supply			1.98%				132,235	132,235	132,235	
55		Q		304300	Struct & Imp-Treatment			4.11%				-	-	-	
56		Q		309000	Supply Mains			1.87%				9,862	9,862	9,862	
57		Q		310000	Power Generation Equip			12.33%				25,066	25,066	25,066	
58		Q		311200	Pump Eqp Electric			2.45%				-	-	-	
59		Q		320200	Water Trmt Equip Filter Media			33.69%				376,215	376,215	376,215	
60		Q		344000	Laboratory Equipment			1.01%				-	-	-	
61															
62	TN	R	Capitalized Tank Rehabilitation/Painting	330003	Tank Repainting	100.0%	1	11.08%				500,000	500,000	500,000	
63		R		320100	WT Equip Non-Media			1.09%				2,337,229	2,337,229	2,337,229	

		R		330000	Dist Reservoirs & Standpipes			2.08%			22,832	22,832	22,832
		R		330200	Ground Level Tanks			2.74%			-	-	-
	TN	S	Engineering Studies	331001	Transmission & Distribution Mains	100.0%	1	1.25%			35,000	35,000	35,000
			Total Recurring Projects										
			ACQUISITIONS										
			Total Acquisitions										
			CENTRALLY SPONSORED PROJECTS										
	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	100.0%	1	10.00%			-	-	-
	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	100.0%	1	10.00%			-	-	-
			Total Centrally Sponsored Projects										
									Inception to Date Spend	**2015 SCEP Reforecast**			
			INVESTMENT PROJECTS										
	TN	I26-020017	Electrical Motor Efficiency Enhancement ($2.9)			100.0%	7/17/2018				-	-	-
	TN	I26-020027	Construct 1.0MG Tank & 2500-16" ER ($1.0)			100.0%	7/31/2019				-	-	-
	TN	I26-020028	Citico Plant Improvements Phase 1B ($8.6)	320100	WT Equip Non-Media	100.0%	6/1/2016	1.09%	1,600,000		-	-	-
	TN	I26-020032	Wastewater Treatm't & Handling Impr ($15.3)	304400	Struct & Imp-T&D	100.0%	10/17/2015	2.13%			15,300,000	15,300,000	15,300,000
	TN	I26-020034	3000'-24" Tennessee River Crossing ($0.5)			100.0%	12/29/2017				-	-	-
	TN	I26-020038	Retire Basin 1	304300	Struct & Imp-WT	100.0%	11/30/2016	4.11%			-	-	-
	TN	I26-020039	Basin 2 Tube Settlers			100.0%	7/30/2018				-	-	-
	TN	I26-020040	Chlorine Gas Conversion			100.0%	11/30/2020				-	-	-
	TN	I26-020002	Post Acquisition BD Capex			100.0%					-	-	-
	TN	I26-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains	85.0%	12/31/2014	1.25%			-	-	-
	TN	I26-000001		320200	WT Equip Non-Media	6.0%	12/31/2014	33.69%			-	-	-
	TN	I26-000001		311520	Pumping Equipment SOS	4.5%	12/31/2014	1.83%			-	-	-
	TN	I26-000001		340200	Computer & Peripheral Equipment	4.5%	12/31/2014	2.19%			-	-	-

Total DV Excluded:

Total Surcharge Amt:

SEC Total:

EDI Total:

QIIP Total:

16,666.67	50,000.00	100,000.00	141,666.67	160,000.00	153,333.33	111,666.67	66,833.33	23,500.00	6,833.33
2,376,228	2,426,228	2,526,228	2,667,895	2,827,895	2,981,228	3,092,895	3,159,728	3,183,228	3,190,062

Cumulative Balance of In-Serviced Plant, from 2016 Capex, by Period											2016 Amounts for Surcharge				
3	4	5	6	7	8	9	10	11	12	Surcharge	Average Plant in Service	Average Retires (Replacement Projects Only)	Average CIAC	Depreciation Expense	Cost of Removal Less Salvage
$ 882,470	$ 915,895	$ 995,478	$ 1,097,345	$ 1,194,437	$ 1,261,287	$ 1,312,220	$ 1,364,745	$ 1,437,962	$ 1,527,095		$ 1,112,037	$ -		$ 13,900	$ -
21,253	22,058	23,975	26,428	28,767	30,377	31,603	32,868	34,632	36,778		26,782	-		297	-
20,329	21,099	22,932	25,279	27,516	29,056	30,229	31,439	33,126	35,179		25,618	-		589	-
164,387	167,721	181,054	207,721	247,721	291,054	331,054	361,054	377,721	384,387	EDI	246,695	-		3,084	-
2,278,072	2,326,472	2,423,272	2,560,406	2,715,286	2,863,712	2,971,806	3,036,500	3,059,248	3,065,863	QIIP	2,619,801	(33,112)		32,334	188,666
66,307	67,757	70,657	74,766	79,406	83,852	87,091	89,029	89,710	89,908	QIIP	76,545	(885)		840	20,026
31,849	31,999	32,299	32,724	33,204	33,664	33,999	34,199	34,270	34,290	QIIP	32,908	(982)		734	810
1,996,532	2,058,198	2,113,198	2,161,532	2,221,532	2,301,532	2,389,865	2,486,532	2,576,532	2,674,865	QIIP	2,193,839	(27,165)		27,083	144,644
441,106	463,553	518,066	578,993	636,713	662,366	671,986	671,986	671,986	671,986	QIIP	560,246	(7,454)		6,910	47,461
2,221	2,338	2,621	2,938	3,238	3,371	3,421	3,421	3,421	3,421	QIIP	2,841	(35)		31	4,882
12,758	13,528	15,398	17,488	19,468	20,348	20,678	20,678	20,678	20,678	QIIP	16,845	(1,273)		358	976
56,221	57,982	60,917	63,265	66,200	71,189	76,179	79,701	81,462	81,462	EDI	65,545	-		819	-
61,284	62,523	64,588	66,240	68,305	71,815	75,326	77,804	79,043	79,043	EDI	67,844	-		1,560	-
265,060	274,675	287,495	306,725	325,955	364,415	383,645	415,695	428,515	434,925	QIIP	328,667	(6,299)		4,030	34,304
355,523	360,908	368,088	378,858	389,628	411,168	421,938	439,888	447,068	450,658	QIIP	391,147	(21,820)		8,495	17,027
1,280,660	1,330,660	1,386,660	1,451,660	1,506,660	1,562,660	1,608,660	1,649,660	1,684,660	1,711,460		1,447,875	-	(118,299)	14,758	-
722,503	740,503	765,503	800,503	833,503	856,503	877,503	902,503	922,503	942,503	QIIP	803,964	(7,542)		8,840	129,443
486,521	500,645	514,769	535,313	555,472	568,312	577,942	587,572	593,992	595,597		533,382	-		39,844	-
340,025	347,901	355,777	367,233	378,475	385,635	391,005	396,375	399,955	400,850		366,157	-		9,996	-
673,845	713,720	739,095	764,470	818,845	872,444	930,444	1,017,444	1,079,069	1,115,319	QIIP	809,902	(2,518)		60,312	133,188
857,634	872,759	882,384	892,009	912,634	932,965	954,965	987,965	1,011,340	1,025,090	QIIP	909,242	(7,247)		24,624	100,268
1,173,795	1,315,872	1,381,390	1,461,492	1,615,080	1,710,923	1,813,321	1,899,849	1,992,253	2,066,981		1,509,589	-		33,060	-
202,205	202,205	237,205	337,205	462,205	462,205	462,205	462,205	462,205	462,205	SEC	335,282	-		7,343	-
268,337	268,337	268,337	268,337	268,337	268,337	268,337	268,337	268,337	268,337	SEC	268,337	(12,365)		2,790	5,933
57,328	57,328	57,328	57,328	57,328	57,328	57,328	57,328	57,328	57,328	SEC	57,328	-		2,414	-
144,865	144,865	144,865	144,865	144,865	144,865	144,865	144,865	144,865	144,865	SEC	144,865	-		6,099	-
206,193	216,193	236,193	281,193	291,193	311,193	331,193	356,193	376,193	396,193	SEC	276,193	(40,060)		2,668	-
25,000	65,000	65,000	65,000	65,000	65,000	65,000	65,000	65,000	65,000		52,692	-		595	-
77,200	77,200	93,267	109,335	125,402	141,469	141,469	141,469	141,469	141,469		27,334	-		4,373	-
254,400	254,400	307,347	360,294	413,241	466,188	466,188	466,188	466,188	466,188		90,074	-		14,970	-
68,400	68,400	82,636	96,872	111,107	125,343	125,343	125,343	125,343	125,343		24,218	-		2,756	-
55,000	65,000	70,000	80,000	85,000	91,000	92,000	96,000	98,000	100,000		74,385	-		5,125	-
1,620,462	1,706,926	1,799,155	1,851,034	1,885,620	1,931,734	1,989,377	2,047,020	2,078,724	2,078,724	SEC	1,814,231	(22,248)		19,533	2,745
706,952	738,493	772,136	791,060	803,676	820,498	841,525	862,552	874,117	874,117	SEC	777,635	(46,835)		13,374	2,383
599,630	631,625	665,753	684,950	697,748	714,812	736,142	757,472	769,203	769,203	SEC	671,331	-		14,702	1,117
132,235	132,235	132,235	132,235	132,235	132,235	132,235	132,235	132,235	132,235	SEC	132,235	-		2,618	1,170
-	-	-	-	-	-	-	-	-	-	SEC	-	(4,987)		(205)	1,290
9,862	9,862	9,862	9,862	9,862	9,862	9,862	9,862	9,862	9,862	SEC	9,862	-		184	-
25,066	25,066	25,066	25,066	25,066	25,066	25,066	25,066	25,066	25,066	SEC	25,066	-		3,091	115
-	-	-	-	-	-	-	-	-	-	SEC	-	(5,857)		(143)	614
376,215	376,215	376,215	376,215	376,215	376,215	376,215	376,215	376,215	376,215	SEC	376,215	(113,575)		88,484	56,137
-	-	-	-	-	-	-	-	-	-	SEC	-	(147,279)		(1,488)	12
500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	QIIP	500,000	-		55,400	-
2,337,229	2,337,229	2,337,229	2,337,229	2,337,229	2,337,229	2,337,229	2,337,229	2,337,229	2,337,229	QIIP	2,337,229	-		25,476	-

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22,832	22,832	22,832	22,832	22,832	22,832	22,832	22,832	22,832	22,832	QIIP	22,832	-		475	0
-	-	-	-	-	-	-	-	-	-	QIIP	-	(446)		(12)	977
35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000		35,000	-		438	-
-	-	-	-	-	-	-	-	-	-		-			-	-
-	-	-	-	-	-	-	-	-	-		-			-	
-	-	-	-	-	-	-	-	-	-	SEC	-			-	
-	-	-	-	-	-	-	-	-	-	EDI	-			-	
-	-	-	8,155,073	8,223,551	8,249,997	8,249,997	8,249,997	8,249,997	8,249,997	QIIP	4,432,970			48,319	
15,300,000	15,300,000	15,300,000	15,300,000	15,300,000	15,300,000	15,300,000	15,300,000	15,300,000	15,300,000	SEC	15,300,000			325,890	
-	-	-	-	-	-	-	-	-	-	EDI	-			-	
-	-	-	-	-	-	-	-	-	300,000	SEC	23,077	(201)		940	23,077
-	-	-	-	-	-	-	-	-	-	SEC	-			-	
-	-	-	-	-	-	-	-	-	-	SEC	-			-	
-	-	-	-	-	-	-	-	-	-		-			-	
-	-	-	-	-	-	-	-	-	-	QIIP	-			-	
-	-	-	-	-	-	-	-	-	-	QIIP	-			-	
-	-	-	-	-	-	-	-	-	-	QIIP	-			-	
-	-	-	-	-	-	-	-	-	-	QIIP	-			-	
										Total DV Included:	**$ 41,955,862**	**$ (510,184)**	**$ (118,299)**	**$ 938,708**	**$ 915,767**
											$ 40,791,426	**$ (510,184)**	**$ (118,299)**	**$ 923,921**	**$ 915,767**
											$ 36,630,720	**$ (510,184)**	**$ -**	**$ 798,005**	**$ 915,767**
											$ 24,644,627	**$ (393,406)**	**$ -**	**$ 536,612**	**$ 93,093**
											$ 380,084	**$ -**	**$ -**	**$ 5,463**	**$ -**
											$ 11,606,008	**$ (116,778)**	**$ -**	**$ 255,929**	**$ 822,674**

$ 3,461,603.03

Tax Depr class life	Y1 Tax Depr Rate	Y2 Tax Depr Rate	Y3 Tax Depr Rate	Tax Depreciation	Tax over Book Depreciation	Tax Rate	Depreciation Deferred Tax (DTA, (DTL))	NOTES	Accum Dep	Average Depreciation Deferred Tax (DTA, (DTL))
25 yr	0.02	0.04	0.04	37,503	23,602	0.39225	(9,258)	This should be zero if related to non-taxable (	$ (11,288)	$ (5,650)
25 yr	0.02	0.04	0.04	903	606	0.39225	(238)	This should be zero if related to non-taxable (	(241)	(148)
25 yr	0.02	0.04	0.04	864	275	0.39225	(108)	This should be zero if related to non-taxable (	(478)	(44)
25 yr	0.02	0.04	0.04	8,222	5,138	0.39225	(2,015)		(2,803)	(1,304)
25 yr	0.02	0.04	0.04	97,183	64,849	0.39225	(25,437)		(36,768)	(19,918)
25 yr	0.02	0.04	0.04	2,834	1,994	0.39225	(782)		(876)	(554)
25 yr	0.02	0.04	0.04	1,293	558	0.39225	(219)		(1,038)	(95)
25 yr	0.02	0.04	0.04	79,241	52,157	0.39225	(20,459)		(35,936)	(19,793)
25 yr	0.02	0.04	0.04	19,835	12,925	0.39225	(5,070)		(7,087)	(3,751)
25 yr	0.02	0.04	0.04	100	69	0.39225	(27)		(30)	(18)
25 yr	0.02	0.04	0.04	585	227	0.39225	(89)		(315)	(41)
25 yr	0.02	0.04	0.04	2,353	1,534	0.39225	(602)		(1,011)	(550)
25 yr	0.02	0.04	0.04	2,525	964	0.39225	(378)		(2,339)	(295)
25 yr	0.02	0.04	0.04	11,810	7,781	0.39225	(3,052)		(3,400)	(1,898)
25 yr	0.02	0.04	0.04	14,898	6,403	0.39225	(2,512)		(12,438)	(1,771)
25 yr	0.02	0.04	0.04	48,807	34,049	0.39225	(13,356)		(20,832)	(13,761)
25 yr	0.02	0.04	0.04	29,929	21,089	0.39225	(8,272)		(12,738)	(8,618)
25 yr	0.02	0.04	0.04	20,077	(19,767)	0.39225	7,753		(49,104)	11,494
25 yr	0.02	0.04	0.04	13,945	3,949	0.39225	(1,549)		(12,969)	(452)
25 yr	0.02	0.04	0.04	27,572	(32,739)	0.39225	12,842		(53,046)	12,716
25 yr	0.02	0.04	0.04	34,540	9,916	0.39225	(3,889)		(36,412)	(1,273)
5 yr	0.2	0.32	0.192	425,321	392,261	0.39225	(153,864)		(28,074)	(113,756)
5 yr	0.2	0.32	0.192	89,119	81,776	0.39225	(32,077)		(5,297)	(21,493)
25 yr	0.02	0.04	0.04	10,733	7,943	0.39225	(3,116)		(5,915)	(4,596)
5 yr	0.2	0.32	0.192	11,007	8,593	0.39225	(3,371)		(4,236)	(7,056)
5 yr	0.2	0.32	0.192	27,814	21,715	0.39225	(8,518)		(10,642)	(17,667)
39 yr	0.01282	0.02564	0.02564	6,056	3,388	0.39225	(1,329)		(2,065)	(781)
39 yr	0.01282	0.02564	0.02564	996	401	0.39225	(157)		(393)	(84)
5 yr	0.2	0.32	0.192	14,731	10,357	0.39225	(4,063)		(3,161)	(2,127)
5 yr	0.2	0.32	0.192	48,543	33,572	0.39225	(13,169)		(10,819)	(6,850)
5 yr	0.2	0.32	0.192	13,052	10,296	0.39225	(4,038)		(1,992)	(2,202)
25 yr	0.02	0.04	0.04	2,288	(2,837)	0.39225	1,113		(4,200)	1,012
25 yr	0.02	0.04	0.04	66,619	47,086	0.39225	(18,470)		(13,934)	(11,144)
25 yr	0.02	0.04	0.04	28,935	15,561	0.39225	(6,104)		(14,090)	(4,201)
5 yr	0.2	0.32	0.192	201,615	186,912	0.39225	(73,316)		(13,177)	(55,243)
39 yr	0.01282	0.02564	0.02564	3,390	772	0.39225	(303)		(4,425)	(28)
39 yr	0.01282	0.02564	0.02564	-	205	0.39225	(80)		363	(128)
25 yr	0.02	0.04	0.04	394	210	0.39225	(82)		(353)	(55)
25 yr	0.02	0.04	0.04	1,003	(2,088)	0.39225	819		(6,713)	770
25 yr	0.02	0.04	0.04	-	143	0.39225	(56)		299	(90)
25 yr	0.02	0.04	0.04	15,049	(73,435)	0.39225	28,805		(272,099)	98,139
25 yr	0.02	0.04	0.04	-	1,488	0.39225	(583)		2,358	(827)
25 yr	0.02	0.04	0.04	20,000	(35,400)	0.39225	13,886		(38,482)	10,409
25 yr	0.02	0.04	0.04	93,489	68,013	0.39225	(26,678)		(49,002)	(34,507)

25 yr	0.02	0.04	0.04	913	438	0.39225	(172)		(938)	(175)
25 yr	0.02	0.04	0.04	-	12	0.39225	(5)		24	(8)
25 yr	0.02	0.04	0.04	1,400	963	0.39225	(378)		(440)	(241)
3 yr	0.3333	0.3333	0.3334	-	-	0.39225	-		0	0
							-			
25 yr	0.02	0.04	0.04	88,659	40,340	0.39225	(15,823)		(24,160)	(7,912)
39 yr	0.01282	0.02564	0.02564	392,292	66,402	0.39225	(26,046)		(360,462)	17,822
							-			
39 yr	0.01282	0.02564	0.02564	296	(644)	0.39225	253		(470)	126
25 yr	0.02	0.04	0.04	-	-	0.39225	-		0	0
25 yr	0.02	0.04	0.04	-	-	0.39225	-		0	0
25 yr	0.02	0.04	0.04	-	-	0.39225	-		0	0
5 yr	0.2	0.32	0.192	-	-	0.39225	-		0	0
				$ 2,018,732	**$ 1,080,024**		**$ (423,639)**	See note under DV above		
				$ 1,979,462	**$ 1,055,541**		**$ (414,036)**			
				$ 1,390,303	**$ 592,298**		**$ (232,329)**			
				$ 854,321	**$ 317,709**		**$ (143,575)**			
				$ 13,100	**$ 7,636**		**$ (2,995)**			
				$ 522,882	**$ 266,953**		**$ (85,759)**			

0.2201
0.6682

0.065
0.35

Tennessee American Water Company
Qualified Infrastructure Improvement Program (QIIP)
Economic Development Investment Rider (EDI)
Safety and Environmental Compliance Rider (SEC)
Cumulative Plant Additions Reconciliation

Cumulative Balances For 2016

Line No.	Rate Mechanism	Project ID	Project Description	2014 Actual Total Capital Expenditures	2015 SCEP Total Capital Expenditures	2016 SCEP Total Capital Expenditures	Total Additions Capital Expenditures	Total 2016 In-Serviced Balance at Year-End	Total 2016 Average Plant Balance for Filing
1	QIIP	B	Mains - Replaced / Restored	$854,442	$1,500,000	$830,500	$3,184,942	$3,190,062	$2,729,254
2		C	Mains - Unscheduled	979,105	800,000	920,000	2,699,105	2,674,865	2,193,839
3		D	Mains - Relocated	69,470	350,000	250,000	669,470	696,086	579,932
4		F	Hydrants, Valves, and Manholes - Replaced	240,583	375,000	270,000	885,583	885,583	719,814
5		H	Services and Laterals - Replaced	442,503	250,000	250,000	942,503	942,503	803,964
6		J	Meters - Replaced	661,479	725,000	753,930	2,140,409	2,140,409	1,719,145
7		R	Capitalized Tank Rehabilitation/Painting	2,360,061	500,000	0	2,860,061	2,860,061	2,860,061
8		I26-020028	Citico Plant Improvements Phase 1B ($8.6)	0	1,600,000	6,649,997	8,249,997	8,249,997	4,432,970
9									
10			QIIP Total	5,607,642	6,100,000	9,924,427	21,632,068	21,639,565	16,038,978
11									
12	EDI	A	Mains - New	0	95,000	220,000	315,000	384,387	246,695
13		E	Hydrants, Valves, and Manholes - New	62,504	48,000	50,000	160,504	160,504	133,389
14									
15			EDI Total	62,504	143,000	270,000	475,504	544,892	380,084
16									
17	SEC	L	SCADA Equipment and Systems	487,736	185,000	260,000	932,736	932,736	805,813
18		M	Security Equipment and Systems	6,193	190,000	200,000	396,193	396,193	276,193
19		Q	Process Plant Facilities and Equipment	659,218	2,631,203	975,000	4,265,421	4,265,421	3,806,575
20		I26-020032	Wastewater Treatm't & Handling Impr ($15.3)	0	15,300,000	0	15,300,000	15,300,000	15,300,000
21		I26-020038	Retire Basin 1	0	0	300,000	300,000	300,000	23,077
22									
23			SEC Total	1,153,147	18,306,203	1,735,000	21,194,350	21,194,350	20,211,658
24									
25			Grand Total	$6,823,293	$24,549,203	$11,929,427	$43,301,923	$43,378,806	$36,630,720
26									
27			From Actuals Tab	$6,823,293					
28									
29			Variance	$0					
30									

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

Average Balances For 2016

Line No.	Rate Mechanism	Project ID	Project Description	2014 Retirements	2015 WKP Retires	2016 WKP Retires	Total Retirements	Total 2016 Retirements Average for Filing
1	QIIP	B	Mains - Replaced / Restored	$0	(25,693)	(9,286)	($34,979)	($34,979)
2		C	Mains - Unscheduled	(3,996)	(16,059)	(7,109)	(27,165)	(27,165)
3		D	Mains - Relocated	0	(6,626)	(2,136)	(8,762)	(8,762)
4		F	Hydrants, Valves, and Manholes - Replaced	0	(19,768)	(8,351)	(28,119)	(28,119)
5		H	Services and Laterals - Replaced	0	(5,617)	(1,925)	(7,542)	(7,542)
6		J	Meters - Replaced	(1,923)	(5,637)	(2,204)	(9,765)	(9,765)
7		R	Capitalized Tank Rehabilitation/Painting	(446)	0	0	(446)	(446)
8		I26-020028	Citico Plant Improvements Phase 1B ($8.6)	0	0	0	0	0
9								
10			QIIP Total	(6,366)	(79,400)	(31,013)	(116,778)	(116,778)
11								
12	EDI	A	Mains - New	0	0	0	0	0
13		E	Hydrants, Valves, and Manholes - New	0	0	0	0	0
14								
15			EDI Total	0	0	0	0	0
16								
17	SEC	L	SCADA Equipment and Systems	(12,365)	0	0	(12,365)	(12,365)
18		M	Security Equipment and Systems	0	(30,045)	(10,015)	(40,060)	(40,060)
19		Q	Process Plant Facilities and Equipment	(204,822)	(91,501)	(44,457)	(340,781)	(340,781)
20		I26-020032	Wastewater Treatm't & Handling Impr ($15.3)	0	0	0	0	0
21		I26-020038	Retire Basin 1	0	0	(201)	(201)	(201)
22								
23			SEC Total	(217,187)	(121,546)	(54,672)	(393,406)	(393,406)
24								
25			Grand Total	($223,553)	($200,946)	($85,685)	($510,184)	($510,184)
26								
27			From Actuals Tab	($223,553)				
28								
29			Variance	$0				
30								

Tennessee American Water Company
Qualified Infrastructure Improvement Program (QIIP)
Economic Development Investment Rider (EDI)
Safety and Environmental Compliance Rider (SEC)
Cost of Removal Reconciliation

Average Balances For 2016

Line No.	Rate Mechanism	Project ID	Project Description	2014 Actual	2015 WKP Removals	2016 WKP Removals	Total Removals	Total 2016 Removals Average for Filing
1	QIIP	B	Mains - Replaced / Restored	$9,490	138,170	61,842	$209,502	$209,502
2		C	Mains - Unscheduled	13,826	83,514	47,304	144,644	144,644
3		D	Mains - Relocated	10,364	30,420	12,536	53,319	53,319
4		F	Hydrants, Valves, and Manholes - Replaced	0	37,817	13,515	51,332	51,332
5		H	Services and Laterals - Replaced	0	78,898	50,545	129,443	129,443
6		J	Meters - Replaced	24,561	154,840	54,055	233,456	233,456
7		R	Capitalized Tank Rehabilitation/Painting	977	0	0	977	977
8		I26-020028	Citico Plant Improvements Phase 1B ($8.6)	0	0	0	0	0
9								
10			QIIP Total	59,218	523,660	239,797	822,674	822,674
11								
12	EDI	A	Mains - New	0	0	0	0	0
13		E	Hydrants, Valves, and Manholes - New	0	0	0	0	0
14								
15			EDI Total	0	0	0	0	0
16								
17	SEC	L	SCADA Equipment and Systems	5,933	0	0	5,933	5,933
18		M	Security Equipment and Systems	0	0	0	0	0
19		Q	Process Plant Facilities and Equipment	2,617	44,691	16,775	64,083	64,083
20		I26-020032	Wastewater Treatm't & Handling Impr ($15.3)	0	0	0	0	0
21		I26-020038	Retire Basin 1	0	0	23,077	23,077	23,077
22								
23			SEC Total	8,550	44,691	39,852	93,093	93,093
24								
25			Grand Total	$67,768	$568,350	$279,649	$915,767	$915,767
26								
27			From Actuals Tab	$67,768				
28								
29			Variance	$0				
30								

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit	Tennessee
Revision Date	May 21, 2015
Description	TN BP 2016-2020 SCEP

							16,667		50,000		100,000		141,667
					Year: 2016								
Business Unit	**Business Unit No.**	**Project Title**			1		2		3		4		5		6
		RECURRING PROJECTS													
Tennessee	DV	Projects Funded by Others			**$ 5,000**	**$**	**5,000**	**$**	**30,000**	**$**	**70,000**	**$**	**150,000**	**$**	**100,000**
Tennessee	A	Mains - New			-		-		-		10,000		30,000		40,000
Tennessee	B	Mains - Replaced / Restored			-		-		50,000		100,000		150,000		175,000
Tennessee	C	Mains - Unscheduled			65,000		60,000		90,000		35,000		40,000		70,000
Tennessee	D	Mains - Relocated			-		-		30,000		40,000		100,000		50,000
Tennessee	E	Hydrants, Valves, and Manholes - New			-		2,000		5,000		3,000		5,000		4,000
Tennessee	F	Hydrants, Valves, and Manholes - Replaced			-		-		5,000		15,000		20,000		30,000
Tennessee	G	Services and Laterals - New			25,000		30,000		36,000		50,000		56,000		65,000
Tennessee	H	Services and Laterals - Replaced			-		10,000		20,000		18,000		25,000		35,000
Tennessee	I	Meters - New			-		10,000		15,000		22,000		22,000		32,000
Tennessee	J	Meters - Replaced			50,000		35,000		60,000		55,000		35,000		35,000
Tennessee	K	ITS Equipment and Systems			31,446		45,747		68,246		142,076		65,518		80,102
Tennessee	L	SCADA Equipment and Systems			-		-		-		-		35,000		100,000
Tennessee	M	Security Equipment and Systems			-		-		10,000		10,000		20,000		45,000
Tennessee	N	Offices and Operations Centers			-		-		-		40,000		-		-
Tennessee	O	Vehicles			-		-		-		-		83,250		83,250
Tennessee	P	Tools and Equipment			5,000		5,000		5,000		10,000		5,000		10,000
Tennessee	Q	Process Plant Facilities and Equipment			-		80,000		100,000		150,000		160,000		90,000
Tennessee	R	Capitalized Tank Rehabilitation/Painting			-		-		-		-		-		-
Tennessee	S	Engineering Studies			-		-		-		-		-		-
		Total Recurring Projects			**$ 176,446**	**$**	**277,747**	**$**	**494,246**	**$**	**700,076**	**$**	**851,768**	**$**	**944,352**
		ACQUISITIONS													
Tennessee															
		Total Acquisitions			**$ -**	**$**	**-**	**$**	**-**	**$**	**-**	**$**	**-**	**$**	**-**
		CENTRALLY SPONSORED PROJECTS													
Tennessee	T26-0202	Business Transformation 2010 - 2014													
Tennessee	T26-0203	Business Transformation 2010 - 2014													
		Total Centrally Sponsored Projects			**$ -**	**$**	**-**	**$**	**-**	**$**	**-**	**$**	**-**	**$**	**-**
		INVESTMENT PROJECTS	**Total**	**In Service Date**											
Tennessee	I26-020017	Electrical Motor Efficiency Enhancement	2,900,000	7/17/2018											
Tennessee	I26-020027	Construct 1.0MG Tank & 2500-16" ER	3,500,000	7/31/2019											
Tennessee	I26-020028	Citico Plant Improvements Phase 1B	6,649,997	6/1/2016	1,605,850		1,554,821		1,527,550		751,377		1,032,489		82,986
Tennessee	I26-020032	Wastewater Treatm't & Handling Impr	-	10/17/2015											
Tennessee	I26-020034	3000'-24" Tennessee River Crossing		12/29/2017											
Tennessee	I26-020038	Retire Basin 1	300,000	11/30/2016											
Tennessee	I26-020039	Basin 2 Tube Settlers	3,500,000	7/30/2018											
Tennessee	I26-020040	Chlorine Gas Conversion	4,500,000	11/30/2020											
Tennessee	I26-000002	Post Acquisition BD Capex	120,000												
		Total Investment Projects			**$ 1,605,850**	**$**	**1,554,821**	**$**	**1,527,550**	**$**	**751,377**	**$**	**1,032,489**	**$**	**82,986**
		Total Investment and Centrally Sponsored Projects			**$ 1,605,850**	**$**	**1,554,821**	**$**	**1,527,550**	**$**	**751,377**	**$**	**1,032,489**	**$**	**82,986**
		Contributions			$ (20,000)	$	(20,000)	$	(20,000)	$	(20,000)	$	(20,000)	$	(20,000)
		Advances			(58,333)		(58,333)		(58,333)		(58,333)		(58,333)		(58,333)
		Total Refunds			29,167		29,167		29,167		29,167		29,167		29,167
		Gross minus BT			**$ 1,787,296**	**$**	**1,837,568**	**$**	**2,051,796**	**$**	**1,521,454**	**$**	**2,034,257**	**$**	**1,127,338**
					(49,167)		(49,167)		(49,167)		(49,167)		(49,167)		(49,167)
		Net minus BT			**$ 1,738,130**	**$**	**1,788,401**	**$**	**2,002,630**	**$**	**1,472,287**	**$**	**1,985,090**	**$**	**1,078,171**
		Gross plus BT			**$ 1,787,296**	**$**	**1,837,568**	**$**	**2,051,796**	**$**	**1,521,454**	**$**	**2,034,257**	**$**	**1,127,338**
					(49,167)		(49,167)		(49,167)		(49,167)		(49,167)		(49,167)
		Net plus BT			**$ 1,738,130**	**$**	**1,788,401**	**$**	**2,002,630**	**$**	**1,472,287**	**$**	**1,985,090**	**$**	**1,078,171**

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business Unit	Tennessee
Revision Date	May 21, 2015
Description	TN BP 2016-2020 SCEP

Business Unit	Business Unit No.	Project Title	7	8	9	10	11	12	U.S. $ Total 2016	Surcharge Category
		RECURRING PROJECTS								
Tennessee	DV	Projects Funded by Others	**$ 55,000**	**$ 55,000**	**$ 50,000**	**$ 60,000**	**$ 120,000**	**$ 100,000**	**$ 800,000**	
Tennessee	A	Mains - New	50,000	40,000	30,000	20,000	-	-	220,000	EDI
Tennessee	B	Mains - Replaced / Restored	155,000	130,000	50,000	20,500	-	-	830,500	QIIP
Tennessee	C	Mains - Unscheduled	70,000	100,000	95,000	95,000	80,000	120,000	920,000	QIIP
Tennessee	D	Mains - Relocated	30,000	-	-	-	-	-	250,000	QIIP
Tennessee	E	Hydrants, Valves, and Manholes - New	5,000	8,500	8,500	6,000	3,000	-	50,000	EDI
Tennessee	F	Hydrants, Valves, and Manholes - Replaced	30,000	60,000	30,000	50,000	20,000	10,000	270,000	QIIP
Tennessee	G	Services and Laterals - New	55,000	56,000	46,000	41,000	35,000	26,800	521,800	
Tennessee	H	Services and Laterals - Replaced	33,000	23,000	21,000	25,000	20,000	20,000	250,000	QIIP
Tennessee	I	Meters - New	31,400	20,000	15,000	15,000	10,000	2,500	194,900	
Tennessee	J	Meters - Replaced	75,000	73,930	80,000	120,000	85,000	50,000	753,930	QIIP
Tennessee	K	ITS Equipment and Systems	153,588	95,843	102,398	86,528	92,404	74,728	1,038,624	
Tennessee	L	SCADA Equipment and Systems	125,000	-	-	-	-	-	260,000	SEC
Tennessee	M	Security Equipment and Systems	10,000	20,000	20,000	25,000	20,000	20,000	200,000	SEC
Tennessee	N	Offices and Operations Centers	-	-	-	-	-	-	40,000	
Tennessee	O	Vehicles	83,250	83,250	-	-	-	-	333,000	
Tennessee	P	Tools and Equipment	5,000	6,000	1,000	4,000	2,000	2,000	60,000	
Tennessee	Q	Process Plant Facilities and Equipment	60,000	80,000	100,000	100,000	55,000	-	975,000	SEC
Tennessee	R	Capitalized Tank Rehabilitation/Painting	-	-	-	-	-	-	-	QIIP
Tennessee	S	Engineering Studies	-	-	-	-	-	-	-	
		Total Recurring Projects	**$ 971,238**	**$ 796,523**	**$ 598,898**	**$ 608,028**	**$ 422,404**	**$ 326,028**	**$ 7,167,754**	
		ACQUISITIONS								
Tennessee									$ -	
		Total Acquisitions	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
		CENTRALLY SPONSORED PROJECTS								
Tennessee	T26-0202	Business Transformation 2010 - 2014					$ -	$ -	$ -	
Tennessee	T26-0203	Business Transformation 2010 - 2014								
		Total Centrally Sponsored Projects	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
		INVESTMENT PROJECTS								
Tennessee	I26-020017	Electrical Motor Efficiency Enhancement							$ -	SEC
Tennessee	I26-020027	Construct 1.0MG Tank & 2500-16" ER							-	EDI
Tennessee	I26-020028	Citico Plant Improvements Phase 1B	68,477	26,446					6,649,997	QIIP
Tennessee	I26-020032	Wastewater Treatm't & Handling Impr							-	SEC
Tennessee	I26-020034	3000'-24" Tennessee River Crossing							-	EDI
Tennessee	I26-020038	Retire Basin 1			50,000	100,000	100,000	50,000	300,000	SEC
Tennessee	I26-020039	Basin 2 Tube Settlers							-	SEC
Tennessee	I26-020040	Chlorine Gas Conversion							-	SEC
Tennessee	I26-000002	Post Acquisition BD Capex			20,000	20,000	20,000		60,000	
									-	
									-	
		Total Investment Projects	**$ 68,477**	**$ 26,446**	**$ 70,000**	**$ 120,000**	**$ 120,000**	**$ 50,000**	**$ 7,009,997**	
		Total Investment and Centrally Sponsored Projects	**$ 68,477**	**$ 26,446**	**$ 70,000**	**$ 120,000**	**$ 120,000**	**$ 50,000**	**$ 7,009,997**	
		Contributions	$ (20,000)	$ (20,000)	$ (20,000)	$ (20,000)	$ (20,000)	$ (20,000)	$ (240,000)	
		Advances	(58,333)	(58,333)	(58,333)	(58,333)	(58,333)	(58,333)	(700,000)	
		Total Refunds	29,167	29,167	29,167	29,167	29,167	29,167	350,000	
									-	
		Gross minus BT	**$ 1,094,715**	**$ 877,969**	**$ 718,898**	**$ 788,028**	**$ 662,404**	**$ 476,028**	**$ 14,977,751**	
			(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(590,000)	
		Net minus BT	**$ 1,045,549**	**$ 828,802**	**$ 669,731**	**$ 738,861**	**$ 613,237**	**$ 426,861**	**$ 14,387,751**	
		Gross plus BT	**$ 1,094,715**	**$ 877,969**	**$ 718,898**	**$ 788,028**	**$ 662,404**	**$ 476,028**	**$ 14,977,751**	
			(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(590,000)	
		Net plus BT	**$ 1,045,549**	**$ 828,802**	**$ 669,731**	**$ 738,861**	**$ 613,237**	**$ 426,861**	**$ 14,387,751**	

Tennessee American Water Company
Qualified Infrastructure Improvement Program (QIIP)
Economic Development Investment Rider (EDI)
Safety and Environmental Compliance Rider (SEC)
Retirements & Cost of Removal

CALCULATION OF AVERAGE BALANCE OF RETIREMENTS AND
AVERAGE BALANCE OF COST OF REMOVAL LESS SALVAGE SPEND

Business Unit No.	Account	Account Description	2016 Avg UPIS	Portion of Total Replacement	2016 Allocated Retirement	2016 Cost of Removal Less Salvage	As Filed 2015 Allocated Retirement	As Filed 2015 Cost of Removal Less Salvage
B	331001	Transmission & Distribution Mains	$ 2,619,801	45.9%	$ (8,490)	$ 56,489	$ (24,623)	$ 128,048
B	333000	Services	76,545	8.7%	(183)	4,812	(701)	9,853
B	335000	Hydrants	32,908	7.5%	(613)	541	(369)	269
C	331001	Transmission & Distribution Mains	2,193,839	38.5%	(7,109)	47,304	(16,059)	83,514
D	331001	Transmission & Distribution Mains	560,246	9.8%	(1,816)	12,080	(5,638)	29,320
D	333000	Services	2,841	0.3%	(7)	179	(29)	401
D	335000	Hydrants	16,845	3.8%	(314)	277	(959)	699
F	331001	Transmission & Distribution Mains	328,667	5.8%	(1,065)	7,087	(5,234)	27,217
F	335000	Hydrants	391,147	88.7%	(7,286)	6,428	(14,535)	10,600
H	333000	Services	803,964	91.0%	(1,925)	50,545	(5,617)	78,898
J	334100	Meters	809,902	100.0%	(633)	33,251	(1,885)	99,936
J	334200	Meter Installations	909,242	100.0%	(1,571)	20,803	(3,752)	54,903
M	304500	Structures & Improvement - General	276,193	100.0%	(10,015)	-	(30,045)	-
Q	320100	WT Equip Non-Media	1,814,231	100.0%	(9,157)	1,469	-	-
Q	320200	Water Trmt Equip Filter Media	376,215	100.0%	(28,394)	14,034	(85,181)	42,103
Q	311520	Pumping Equipment SOS	777,635	100.0%	(6,906)	1,272	(6,320)	2,588
		Total	$ 11,990,222		$ (85,484)	$ 256,572	$ (200,946)	$ 568,350

CALCULATION OF AMOUNTS BY ACCOUNT

Account Totals:	Account	Account Description	Total Avg UPIS	Avg 1/2 Year Retirement	Avg 1/2 Year COR
	304500	Structures & Improvement - General	276,193	$ (10,015)	$ -
	311520	Pumping Equipment SOS	777,635	(6,906)	1,272
	320100	Water Trmt Equip Filter Non Media	1,814,231	(9,157)	1,469
	320200	Water Trmt Equip Filter Media	376,215	(28,394)	14,034
	331001	Transmission & Distribution Mains	5,702,553	(18,480)	122,960
	333000	Services	883,350	(2,116)	55,536
	334100	Meters	809,902	(633)	33,251
	334200	Meter Installations	909,242	(1,571)	20,803
	335000	Hydrants	440,900	(8,213)	7,245
		Total:	$ 11,990,222	$ (85,484)	$ 256,572

Tennessee American Water Company
Two Year Retirement History By Account
For Replacement RP Projects

2012-2014

Description	Account	Removal & Salvage	Retirements	1/2 Year Removal & Salvage	1/2 Year Retirements
304100-Struct & Imp-Source of Supply	304100	$ 16,296	$ (10,538)	$ 2,716	$ (1,756)
304200-Struct & Imp-Pumping	304200	400	(98,450)	67	(16,408)
304300-Struct & Imp-Treatment	304300	105,593	(190,197)	17,599	(31,699)
304500-Struct & Imp-General	304500		(60,090)	0	(10,015)
310000-Power Generation Equip	310000	115	(17,180)	19	(2,863)
311200-Pump Eqp Electric	311200	717	(20,435)	119	(3,406)
311500-Pump Eqp Other	311500	193	(4,814)	32	(802)
311520-Pump Eqp SOS & Pumping	311520	7,633	(41,436)	1,272	(6,906)
320100-WT Equip Non-Media	320100	8,814	(54,943)	1,469	(9,157)
320200-WT Equip Filter Media	320200	84,206	(170,362)	14,034	(28,394)
330000-Dist Reservoirs & Standpipes	330000		(12,097)	0	(2,016)
330200-Ground Level Tanks	330200	977	(446)	163	(74)
331001-T&D Mains	331001	737,762	(110,879)	122,960	(18,480)
333000-Services	333000	333,216	(12,693)	55,536	(2,116)
334100-Meters	334100	199,509	(3,799)	33,251	(633)
334200-Meter Installations	334200	124,820	(9,428)	20,803	(1,571)
335000-Hydrants	335000	43,472	(49,276)	7,245	(8,213)
340100-Office Furniture & Equip	340100	475	(110,715)	79	(18,452)
340200-Comp & Periph Equip	340200	2,881	(793,873)	480	(132,312)
340300-Computer Software	340300		(3,825,680)	0	(637,613)
340500-Other Office Equipment	340500		(12,948)	0	(2,158)
341100-Trans Equip Lt Duty Trks	341100	(3,711)	(208,617)	(618)	(34,770)
341200-Trans Equip Hvy Duty Trks	341200	(4,922)	(41,400)	(820)	(6,900)
341300-Trans Equip Autos	341300	(7,519)	(39,139)	(1,253)	(6,523)
343000-Tools,Shop,Garage Equip	343000	2,461	(7,892)	410	(1,315)
344000-Laboratory Equipment	344000	4,092	(157,178)	682	(26,196)
345000-Power Operated Equipment	345000	7,034	(6,799)	1,172	(1,133)
346100-Comm Equip Non-Telephone	346100		(66,822)	0	(11,137)
346190-Remote Control & Instrument	346190		(2,823)	0	(470)
346200-Comm Equip Telephone	346200		(36,294)	0	(6,049)
347000-Misc Equipment	347000	2	(31,566)	0	(5,261)
		$ 1,664,515	$ (6,208,806)	$ 277,419	$ (1,034,801)

*** Powerplant Depr Retires Activity Report.

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

Line Number	Rate Mechanism	Proposed Revenue Requirement*	Percentage Applied to Bill*	Revenue Requirement as Authorized - 2015	Percentage Applied to Bill as Authorized	Impact of Proposed Adjustments on Revenue Requirement	Impact of Proposed Adjustments on Bill Percentage
1							
2	QIIP	$ 2,145,126	4.56%	$ 1,001,897	2.13%	$ 1,143,229	2.43%
3							
4	EDI	47,256	0.10%	22,616	0.05%	$ 24,640	0.05%
5							
6	SEC	2,693,884	5.72%	1,664,812	3.54%	$ 1,029,072	2.18%
7							
8	**Total**	**$ 4,886,267**	**10.38%**	**$ 2,689,326**	**5.72%**	**$ 2,196,941**	**4.66%**
9							
10							

*Includes Def. Tax, Accum. Depreciation, Forfeited Discount Gross Up and does not include w/out TRA Gross Up

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

Line Number	Area	Meter Fee	Volumetric Charges	Bill Before Surcharges	2015 Authorized Capital Surcharges at 5.72%	2015 PCOP at -0.73%	Total 2015 Authorized Surcharges	2016 QIIP Surcharge at 2.43%	2016 EDI Surcharge at 0.05%	2016 SEC Surcharge at 2.18%	2016 Proposed Capital Adjustments	Total Proposed Surcharges
1												
2	Chattanooga	$ 13.96	$ 7.60	$ 21.56	$ 1.23	$ (0.16)	$ 1.08	$ 0.52	$ 0.01	$ 0.47	$ 1.00	$ 2.08
3												
4	Lookout Mountain	$ 15.66	$ 12.39	$ 28.05	$ 1.60	$ (0.20)	$ 1.40	$ 0.68	$ 0.01	$ 0.61	$ 1.31	$ 2.71
5												
6	Lakeview	$ 15.66	$ 9.16	$ 24.82	$ 1.42	$ (0.18)	$ 1.24	$ 0.60	$ 0.01	$ 0.54	$ 1.16	$ 2.40
7												
8	Suck Creek	$ 30.60	$ 16.12	$ 46.72	$ 2.67	$ (0.34)	$ 2.33	$ 1.14	$ 0.02	$ 1.02	$ 2.18	$ 4.51
9												
10	Lone Oak	$ 42.03	$ 15.65	$ 57.68	$ 3.30	$ (0.42)	$ 2.88	$ 1.40	$ 0.03	$ 1.26	$ 2.69	$ 5.57
11												

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

Line Number	Description	SEC Company Totals
1	Additions Subject to SEC:	$ 20,211,658
2	Plus: Cost of Removal less Salvage	93,093
3	Less: Contributions in Aid to Construction (CIAC)	-
4	Less: Deferred Income Taxes	6,451
5	Less: Accumulated Depreciation	710,858
6	Net Investment Supplied SEC Additions:	$ 19,587,442
7		
8	Pre-Tax Rate of Return:	9.45%
9	Pre-Tax Return on Additions:	$ 1,851,871
10		
11	Depreciation Expense on SEC Additions:	488,293
12		
13	Operational Expenses Related to SEC	-
14		
15	Property and Franchise Taxes Associated with SEC:	267,759
16		
17	SEC Revenues:	$ 2,607,923
18		
19	Revenue Taxes	3.19%
20	Total SEC Revenues with Revenue Taxes	$ 2,693,884
21		
22	Volumetric and Metered Revenue as Per Docket No. 12-00049	$ 47,073,724
23		
24	SEC Percentage to Apply to Bill:	5.72%
25		

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

			1	2	3	4	5	B	C	6
		SEC				= 1 + 2				= 1 + 3 + 5 +B
Line #	Investment by Plant Account	Account Description	Additions	Retirements	CIAC	Net Investments (for Prop Tax)	Cost of Removal Net of Salvage	Accumulated Deferred Income Taxes	Accumulated Depreciation	Earnings Basis Net Investment
1	**304100**	**Structures & Improvement-Supply**								
2	Recurring Projects		$ 132,235	$ -	$ -	$ 132,235	$ 117	$ (28)	$ (4,425)	$ 127,898
3	Investment Projects		-	-	-	-	-	-	-	-
4	Total QIP		$ 132,235	$ -	$ -	$ 132,235	$ 117	$ (28)	$ (4,425)	$ 127,898
5										
6	**304300**	**Structures & Improvement-WT**								
7	Recurring Projects		$ -	$ (4,987)	$ -	$ (4,987)	$ 200	$ (128)	$ 363	$ 436
8	Investment Projects		23,077	(201)	-	22,876	23,077	126	(470)	45,810
9	Total QIP		$ 23,077	$ (5,187)	$ -	$ 17,890	$ 23,277	$ (1)	$ (107)	$ 46,246
10										
11	**304400**	**Structures & Improvement-T&D**								
12	Recurring Projects		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
13	Investment Projects		15,300,000	-	-	15,300,000	-	17,822	(360,462)	14,957,360
14	Total QIP		$ 15,300,000	$ -	$ -	$ 15,300,000	$ -	$ 17,822	$ (360,462)	$ 14,957,360
15										
16	**304500**	**Structures & Improvement - General**								
17	Recurring Projects		$ 276,193	$ (40,060)	$ -	$ 236,133	$ -	$ (781)	$ (2,065)	$ 273,347
18	Investment Projects		-	-	-	-	-	-	-	-
19	Total QIP		$ 276,193	$ (40,060)	$ -	$ 236,133	$ -	$ (781)	$ (2,065)	$ 273,347
20										
21	**309000**	**Supply Mains**								
22	Recurring Projects		$ 9,862	$ -	$ -	$ 9,862	$ -	$ (55)	$ (353)	$ 9,454
23	Investment Projects		-	-	-	-	-	-	-	-
24	Total QIP		$ 9,862	$ -	$ -	$ 9,862	$ -	$ (55)	$ (353)	$ 9,454
25										
26	**310000**	**Power Generation Equip**								
27	Recurring Projects		$ 25,066	$ -	$ -	$ 25,066	$ 115	$ 770	$ (6,713)	$ 19,238
28	Investment Projects		-	-	-	-	-	-	-	-
29	Total QIP		$ 25,066	$ -	$ -	$ 25,066	$ 115	$ 770	$ (6,713)	$ 19,238
30										
31	**311200**	**Pump Eqp Electric**								
32	Recurring Projects		$ -	$ (5,857)	$ -	$ (5,857)	$ 614	$ (90)	$ 299	$ 823
33	Investment Projects		-	-	-	-	-	-	-	-
34	Total QIP		$ -	$ (5,857)	$ -	$ (5,857)	$ 614	$ (90)	$ 299	$ 823
35										
36	**311520**	**Pumping Equipment SOS**								
37	Recurring Projects		$ 777,635	$ (46,835)	$ -	$ 730,800	$ 4,633	$ (4,201)	$ (14,090)	$ 763,977
38	Investment Projects		-	-	-	-	-	-	-	-
39	Total QIP		$ 777,635	$ (46,835)	$ -	$ 730,800	$ 4,633	$ (4,201)	$ (14,090)	$ 763,977
40										
41	**320100**	**WT Equip Non-Media**								
42	Recurring Projects		$ 2,082,568	$ (34,613)	$ -	$ 2,047,955	$ 8,188	$ (15,740)	$ (19,849)	$ 2,055,167
43	Investment Projects		-	-	-	-	-	-	-	-
44	Total QIP		$ 2,082,568	$ (34,613)	$ -	$ 2,047,955	$ 8,188	$ (15,740)	$ (19,849)	$ 2,055,167
45										
46	**320200**	**Water Trmt Equip Filter Media**								
47	Recurring Projects		$ 376,215	$ (113,575)	$ -	$ 262,641	$ 56,137	$ 98,139	$ (272,099)	$ 258,393
48	Investment Projects		-	-	-	-	-	-	-	-
49	Total QIP		$ 376,215	$ (113,575)	$ -	$ 262,641	$ 56,137	$ 98,139	$ (272,099)	$ 258,393
50										
51	**340200**	**Computer & Peripheral Equipment**								

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

			1	2	3	4	5	B	C	6
		SEC				= 1 + 2				= 1 + 3 + 5 +B
Line #	Investment by Plant Account	Account Description	Additions	Retirements	CIAC	Net Investments (for Prop Tax)	Cost of Removal Net of Salvage	Accumulated Deferred Income Taxes	Accumulated Depreciation	Earnings Basis Net Investment
52	Recurring Projects		$ 1,006,614	$ -	$ -	$ 1,006,614	$ -	$ (76,736)	$ (18,474)	$ 911,404
53	Investment Projects		-	-	-	-	-	-	-	-
54	Total QIP		$ 1,006,614	$ -	$ -	$ 1,006,614	$ -	$ (76,736)	$ (18,474)	$ 911,404
55										
56	**344000**	**Laboratory Equipment**								
57	Recurring Projects		$ -	$ (147,279)	$ -	$ (147,279)	$ 12	$ (827)	$ 2,358	$ 1,543
58	Investment Projects		-	-	-	-	-	-	-	-
59	Total QIP		$ -	$ (147,279)	$ -	$ (147,279)	$ 12	$ (827)	$ 2,358	$ 1,543
60										
61	**346100**	**Comm Equip Non-Telephone**								
62	Recurring Projects		$ 57,328	$ -	$ -	$ 57,328	$ -	$ (7,056)	$ (4,236)	$ 46,036
63	Investment Projects		-	-	-	-	-	-	-	-
64	Total QIP		$ 57,328	$ -	$ -	$ 57,328	$ -	$ (7,056)	$ (4,236)	$ 46,036
65										
66	**346190**	**Remote Control & Instrument**								
67	Recurring Projects		$ 144,865	$ -	$ -	$ 144,865	$ -	$ (17,667)	$ (10,642)	$ 116,557
68	Investment Projects		-	-	-	-	-	-	-	-
69	Total		$ 144,865	$ -	$ -	$ 144,865	$ -	$ (17,667)	$ (10,642)	$ 116,557
70										
71	**Expense:**									
72	Chemical Expense for WasteWater handling:		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
73	Electric Power Expense for Wasterwater handling:		-	-	-	-	-	-	-	-
74	Hauling Expense for Wasterwater handling:		-	-	-	-	-	-	-	-
75	Total		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
76										
77	**Total**		**$ 20,211,658**	**$ (393,406)**	**$ -**	**$ 19,818,252**	**$ 93,093**	**$ (6,451)**	**$ (710,858)**	**$ 19,587,442**
78										

TAW_R_CAPDDR2_NUM06_attachment
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			7	8	9	10	11	12
		SEC	= 6 x 9.4544%	=(1+2+3)x Depreciation Rate	= (4 x Prop Tax Rate) + (4 x Franchise Rate)		= 7 + 8 + 9 + 10	= 11 / (1 - 4.482%)
Line #	Investment by Plant Account	Account Description	Earnings Basis x PTR	Depr Exp	Prop Tax & Franchise Fees	Operational Expenses	Total Before Revenue Tax	Total With Revenue Tax
1	**304100**	**Structures & Improvement-Supply**						
2	Recurring Projects		$ 12,092	$ 2,618	$ 1,787	$ -	$ 16,497	$ 17,041
3	Investment Projects		-	-	-	-	-	-
4	Total QIP		$ 12,092	$ 2,618	$ 1,787	$ -	$ 16,497	$ 17,041
5								
6	**304300**	**Structures & Improvement-WT**						
7	Recurring Projects		$ 41	$ (205)	$ (67)	$ -	$ (231)	$ (239)
8	Investment Projects		4,331	940	309	-	5,580	5,764
9	Total QIP		$ 4,372	$ 735	$ 242	$ -	$ 5,349	$ 5,526
10								
11	**304400**	**Structures & Improvement-T&D**						
12	Recurring Projects		$ -	$ -	$ -	$ -	$ -	$ -
13	Investment Projects		1,414,125	325,890	206,714	-	1,946,729	2,010,897
14	Total QIP		$ 1,414,125	$ 325,890	$ 206,714	$ -	$ 1,946,729	$ 2,010,897
15								
16	**304500**	**Structures & Improvement - General**						
17	Recurring Projects		$ 25,843	$ 2,668	$ 3,190	$ -	$ 31,702	$ 32,747
18	Investment Projects		-	-	-	-	-	-
19	Total QIP		$ 25,843	$ 2,668	$ 3,190	$ -	$ 31,702	$ 32,747
20								
21	**309000**	**Supply Mains**						
22	Recurring Projects		$ 894	$ 184	$ 133	$ -	$ 1,211	$ 1,251
23	Investment Projects		-	-	-	-	-	-
24	Total QIP		$ 894	$ 184	$ 133	$ -	$ 1,211	$ 1,251
25								
26	**310000**	**Power Generation Equip**						
27	Recurring Projects		$ 1,819	$ 3,091	$ 339	$ -	$ 5,248	$ 5,421
28	Investment Projects		-	-	-	-	-	-
29	Total QIP		$ 1,819	$ 3,091	$ 339	$ -	$ 5,248	$ 5,421
30								
31	**311200**	**Pump Eqp Electric**						
32	Recurring Projects		$ 78	$ (143)	$ (79)	$ -	$ (145)	$ (150)
33	Investment Projects		-	-	-	-	-	-
34	Total QIP		$ 78	$ (143)	$ (79)	$ -	$ (145)	$ (150)
35								
36	**311520**	**Pumping Equipment SOS**						
37	Recurring Projects		$ 72,229	$ 13,374	$ 9,874	$ -	$ 95,477	$ 98,624
38	Investment Projects		-	-	-	-	-	-
39	Total QIP		$ 72,229	$ 13,374	$ 9,874	$ -	$ 95,477	$ 98,624
40								
41	**320100**	**WT Equip Non-Media**						
42	Recurring Projects		$ 194,303	$ 22,323	$ 27,669	$ -	$ 244,295	$ 252,348
43	Investment Projects		-	-	-	-	-	-
44	Total QIP		$ 194,303	$ 22,323	$ 27,669	$ -	$ 244,295	$ 252,348
45								
46	**320200**	**Water Trmt Equip Filter Media**						
47	Recurring Projects		$ 24,429	$ 88,484	$ 3,548	$ -	$ 116,462	$ 120,300
48	Investment Projects		-	-	-	-	-	-
49	Total QIP		$ 24,429	$ 88,484	$ 3,548	$ -	$ 116,462	$ 120,300
50								
51	**340200**	**Computer & Peripheral Equipment**						

			7	8	9	10	11	12
		SEC	= 6 x 9.4544%	=(1+2+3)x Depreciation Rate	= (4 x Prop Tax Rate) + (4 x Franchise Rate)		= 7 + 8 + 9 + 10	= 11 / (1 - 4.482%)
Line #	Investment by Plant Account	Account Description	Earnings Basis x PTR	Depr Exp	Prop Tax & Franchise Fees	Operational Expenses	Total Before Revenue Tax	Total With Revenue Tax
52	Recurring Projects		$ 86,168	$ 22,045	$ 13,600	$ -	$ 121,812	$ 125,828
53	Investment Projects		-	-	-	-	-	-
54	Total QIP		$ 86,168	$ 22,045	$ 13,600	$ -	$ 121,812	$ 125,828
55								
56	**344000**	**Laboratory Equipment**						
57	Recurring Projects		$ 146	$ (1,488)	$ (1,990)	$ -	$ (3,332)	$ (3,441)
58	Investment Projects		-	-	-	-	-	-
59	Total QIP		$ 146	$ (1,488)	$ (1,990)	$ -	$ (3,332)	$ (3,441)
60								
61	**346100**	**Comm Equip Non-Telephone**						
62	Recurring Projects		$ 4,352	$ 2,414	$ 775	$ -	$ 7,540	$ 7,789
63	Investment Projects		-	-	-	-	-	-
64	Total QIP		$ 4,352	$ 2,414	$ 775	$ -	$ 7,540	$ 7,789
65								
66	**346190**	**Remote Control & Instrument**						
67	Recurring Projects		$ 11,020	$ 6,099	$ 1,957	$ -	$ 19,076	$ 19,705
68	Investment Projects		-	-	-	-	-	-
69	Total		$ 11,020	$ 6,099	$ 1,957	$ -	$ 19,076	$ 19,705
70								
71	**Expense:**							
72	Chemical Expense for WasteWater handling:		$ -	$ -	$ -	$ -	$ -	$ -
73	Electric Power Expense for Wasterwater handling:		-	-	-	-	-	-
74	Hauling Expense for Wasterwater handling:		-	-	-	-	-	-
75	Total		$ -	$ -	$ -	$ -	$ -	$ -
76								
77	**Total**		**$ 1,851,871**	**$ 488,293**	**$ 267,759**	**$ -**	**$ 2,607,923**	**$ 2,693,884**
78								

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Tennessee American Water Company
Safety and Environmental Compliance (SEC)
Investment Worksheet
Proof spreadsheet without Array formulas

			1	2	3	4	5	B	C	6
		SEC				= 1 + 2				= 1 + 3 + 5 +B
Line #	Investment by Plant Account	Account Description	Additions	Retirements	CIAC	Net Investments (for Prop Tax)	Cost of Removal Net of Salvage	Accumulated Deferred Income Taxes	Accumulated Depreciation	Earnings Basis Net Investment
1	**304100**	**Structures & Improvement-Supply**								
2	Recurring Projects		$ 132,235	$ -	$ -	$ 132,235	$ 117	$ (28)	$ (4,425)	$ 127,898
3	Investment Projects		-	-	-	-	-	-	-	-
4	Total QIP		$ 132,235	$ -	$ -	$ 132,235	$ 117	$ (28)	$ (4,425)	$ 127,898
5										
6	**304300**	**Structures & Improvement-WT**								
7	Recurring Projects		$ -	$ (4,987)	$ -	$ (4,987)	$ 200	$ (128)	$ 363	$ 436
8	Investment Projects		23,077	(201)	-	22,876	23,077	126	(470)	45,810
9	Total QIP		$ 23,077	$ (5,187)	$ -	$ 17,890	$ 23,277	$ (1)	$ (107)	$ 46,246
10										
11	**304400**	**Structures & Improvement-T&D**								
12	Recurring Projects		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
13	Investment Projects		15,300,000	-	-	15,300,000	-	17,822	(360,462)	14,957,360
14	Total QIP		$ 15,300,000	$ -	$ -	$ 15,300,000	$ -	$ 17,822	$ (360,462)	$ 14,957,360
15										
16	**304500**	**Structures & Improvement - General**								
17	Recurring Projects		$ 276,193	$ (40,060)	$ -	$ 236,133	$ -	$ (781)	$ (2,065)	$ 273,347
18	Investment Projects		-	-	-	-	-	-	-	-
19	Total QIP		$ 276,193	$ (40,060)	$ -	$ 236,133	$ -	$ (781)	$ (2,065)	$ 273,347
20										
21	**309000**	**Supply Mains**								
22	Recurring Projects		$ 9,862	$ -	$ -	$ 9,862	$ -	$ (55)	$ (353)	$ 9,454
23	Investment Projects		-	-	-	-	-	-	-	-
24	Total QIP		$ 9,862	$ -	$ -	$ 9,862	$ -	$ (55)	$ (353)	$ 9,454
25										
26	**310000**	**Power Generation Equip**								
27	Recurring Projects		$ 25,066	$ -	$ -	$ 25,066	$ 115	$ 770	$ (6,713)	$ 19,238
28	Investment Projects		-	-	-	-	-	-	-	-
29	Total QIP		$ 25,066	$ -	$ -	$ 25,066	$ 115	$ 770	$ (6,713)	$ 19,238
30										
31	**311200**	**Pump Eqp Electric**								
32	Recurring Projects		$ -	$ (5,857)	$ -	$ (5,857)	$ 614	$ (90)	$ 299	$ 823
33	Investment Projects		-	-	-	-	-	-	-	-
34	Total QIP		$ -	$ (5,857)	$ -	$ (5,857)	$ 614	$ (90)	$ 299	$ 823
35										
36	**311520**	**Pumping Equipment SOS**								
37	Recurring Projects		$ 777,635	$ (46,835)	$ -	$ 730,800	$ 4,633	$ (4,201)	$ (14,090)	$ 763,977
38	Investment Projects		-	-	-	-	-	-	-	-
39	Total QIP		$ 777,635	$ (46,835)	$ -	$ 730,800	$ 4,633	$ (4,201)	$ (14,090)	$ 763,977
40										
41	**320100**	**WT Equip Non-Media**								
42	Recurring Projects		$ 2,082,568	$ (34,613)	$ -	$ 2,047,955	$ 8,188	$ (15,740)	$ (19,849)	$ 2,055,167
43	Investment Projects		-	-	-	-	-	-	-	-
44	Total QIP		$ 2,082,568	$ (34,613)	$ -	$ 2,047,955	$ 8,188	$ (15,740)	$ (19,849)	$ 2,055,167
45										
46	**320200**	**Water Trmt Equip Filter Media**								
47	Recurring Projects		$ 376,215	$ (113,575)	$ -	$ 262,641	$ 56,137	$ 98,139	$ (272,099)	$ 258,393
48	Investment Projects		-	-	-	-	-	-	-	-
49	Total QIP		$ 376,215	$ (113,575)	$ -	$ 262,641	$ 56,137	$ 98,139	$ (272,099)	$ 258,393
50										
51	**340200**	**Computer & Peripheral Equipment**								

Tennessee American Water Company
Safety and Environmental Compliance (SEC)
Investment Worksheet
Proof spreadsheet without Array formulas

			1	2	3	4	5	B	C	6
		SEC				= 1 + 2				= 1 + 3 + 5 +B
Line #	Investment by Plant Account	Account Description	Additions	Retirements	CIAC	Net Investments (for Prop Tax)	Cost of Removal Net of Salvage	Accumulated Deferred Income Taxes	Accumulated Depreciation	Earnings Basis Net Investment
52	Recurring Projects		$ 1,006,614	$ -	$ -	$ 1,006,614	$ -	$ (76,736)	$ (18,474)	$ 911,404
53	Investment Projects		-	-	-	-	-	-	-	-
54	Total QIP		$ 1,006,614	$ -	$ -	$ 1,006,614	$ -	$ (76,736)	$ (18,474)	$ 911,404
55										
56	**344000**	**Laboratory Equipment**								
57	Recurring Projects		$ -	$ (147,279)	$ -	$ (147,279)	$ 12	$ (827)	$ 2,358	$ 1,543
58	Investment Projects		-	-	-	-	-	-	-	-
59	Total QIP		$ -	$ (147,279)	$ -	$ (147,279)	$ 12	$ (827)	$ 2,358	$ 1,543
60										
61	**346100**	**Comm Equip Non-Telephone**								
62	Recurring Projects		$ 57,328	$ -	$ -	$ 57,328	$ -	$ (7,056)	$ (4,236)	$ 46,036
63	Investment Projects		-	-	-	-	-	-	-	-
64	Total QIP		$ 57,328	$ -	$ -	$ 57,328	$ -	$ (7,056)	$ (4,236)	$ 46,036
65										
66	**346190**	**Remote Control & Instrument**								
67	Recurring Projects		$ 144,865	$ -	$ -	$ 144,865	$ -	$ (17,667)	$ (10,642)	$ 116,557
68	Investment Projects		-	-	-	-	-	-	-	-
69	Total		$ 144,865	$ -	$ -	$ 144,865	$ -	$ (17,667)	$ (10,642)	$ 116,557
70										
71	**Expense:**									
72	Chemical Expense for WasteWater handling:		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
73	Electric Power Expense for Wasterwater handling:		-	-	-	-	-	-	-	-
74	Hauling Expense for Wasterwater handling:		-	-	-	-	-	-	-	-
75	Total		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
76										
77	**Total**		**$ 20,211,658**	**$ (393,406)**	**$ -**	**$ 19,818,252**	**$ 93,093**	**$ (6,451)**	**$ (710,858)**	**$ 19,587,442**
78										

			7	8	9	10	11	12
		SEC	= 6 x 9.4544%	=(1+2+3)x Depreciation Rate	= (4 x Prop Tax Rate) + (4 x Franchise Rate)		= 7 + 8 + 9 + 10	= 11 / (1 - 4.482%)
Line #	Investment by Plant Account	Account Description	Earnings Basis x PTR	Depr Exp	Prop Tax & Franchise Fees	Operational Expenses	Total Before Revenue Tax	Total With Revenue Tax
1	**304100**	**Structures & Improvement-Supply**						
2	Recurring Projects		$ 12,092	$ 2,618	$ 1,787	$ -	$ 16,497	$ 17,041
3	Investment Projects		-	-	-	-	-	-
4	Total QIP		$ 12,092	$ 2,618	$ 1,787	$ -	$ 16,497	$ 17,041
5								
6	**304300**	**Structures & Improvement-WT**						
7	Recurring Projects		$ 41	$ (205)	$ (67)	$ -	$ (231)	$ (239)
8	Investment Projects		4,331	940	309	-	5,580	5,764
9	Total QIP		$ 4,372	$ 735	$ 242	$ -	$ 5,349	$ 5,526
10								
11	**304400**	**Structures & Improvement-T&D**						
12	Recurring Projects		$ -	$ -	$ -	$ -	$ -	$ -
13	Investment Projects		1,414,125	325,890	206,714	-	1,946,729	2,010,897
14	Total QIP		$ 1,414,125	$ 325,890	$ 206,714	$ -	$ 1,946,729	$ 2,010,897
15								
16	**304500**	**Structures & Improvement - General**						
17	Recurring Projects		$ 25,843	$ 2,668	$ 3,190	$ -	$ 31,702	$ 32,747
18	Investment Projects		-	-	-	-	-	-
19	Total QIP		$ 25,843	$ 2,668	$ 3,190	$ -	$ 31,702	$ 32,747
20								
21	**309000**	**Supply Mains**						
22	Recurring Projects		$ 894	$ 184	$ 133	$ -	$ 1,211	$ 1,251
23	Investment Projects		-	-	-		-	-
24	Total QIP		$ 894	$ 184	$ 133	$ -	$ 1,211	$ 1,251
25								
26	**310000**	**Power Generation Equip**						
27	Recurring Projects		$ 1,819	$ 3,091	$ 339	$ -	$ 5,248	$ 5,421
28	Investment Projects		-	-	-	-	-	-
29	Total QIP		$ 1,819	$ 3,091	$ 339	$ -	$ 5,248	$ 5,421
30								
31	**311200**	**Pump Eqp Electric**						
32	Recurring Projects		$ 78	$ (143)	$ (79)	$ -	$ (145)	$ (150)
33	Investment Projects		-	-	-	-	-	-
34	Total QIP		$ 78	$ (143)	$ (79)	$ -	$ (145)	$ (150)
35								
36	**311520**	**Pumping Equipment SOS**						
37	Recurring Projects		$ 72,229	$ 13,374	$ 9,874	$ -	$ 95,477	$ 98,624
38	Investment Projects		-	-	-	-	-	-
39	Total QIP		$ 72,229	$ 13,374	$ 9,874	$ -	$ 95,477	$ 98,624
40								
41	**320100**	**WT Equip Non-Media**						
42	Recurring Projects		$ 194,303	$ 22,323	$ 27,669	$ -	$ 244,295	$ 252,348
43	Investment Projects		-	-	-	-	-	-
44	Total QIP		$ 194,303	$ 22,323	$ 27,669	$ -	$ 244,295	$ 252,348
45								
46	**320200**	**Water Trmt Equip Filter Media**						
47	Recurring Projects		$ 24,429	$ 88,484	$ 3,548	$ -	$ 116,462	$ 120,300
48	Investment Projects		-	-	-	-	-	-
49	Total QIP		$ 24,429	$ 88,484	$ 3,548	$ -	$ 116,462	$ 120,300
50								
51	**340200**	**Computer & Peripheral Equipment**						

			7	8	9	10	11	12
		SEC	= 6 x 9.4544%	=(1+2+3)x Depreciation Rate	= (4 x Prop Tax Rate) + (4 x Franchise Rate)		= 7 + 8 + 9 + 10	= 11 / (1 - 4.482%)
Line #	Investment by Plant Account	Account Description	Earnings Basis x PTR	Depr Exp	Prop Tax & Franchise Fees	Operational Expenses	Total Before Revenue Tax	Total With Revenue Tax
52	Recurring Projects		$ 86,168	$ 22,045	$ 13,600	$ -	$ 121,812	$ 125,828
53	Investment Projects		-	-	-	-	-	-
54	Total QIP		$ 86,168	$ 22,045	$ 13,600	$ -	$ 121,812	$ 125,828
55								
56	**344000**	**Laboratory Equipment**						
57	Recurring Projects		$ 146	$ (1,488)	$ (1,990)	$ -	$ (3,332)	$ (3,441)
58	Investment Projects		-	-	-	-	-	-
59	Total QIP		$ 146	$ (1,488)	$ (1,990)	$ -	$ (3,332)	$ (3,441)
60								
61	**346100**	**Comm Equip Non-Telephone**						
62	Recurring Projects		$ 4,352	$ 2,414	$ 775	$ -	$ 7,540	$ 7,789
63	Investment Projects		-	-	-	-	-	-
64	Total QIP		$ 4,352	$ 2,414	$ 775	$ -	$ 7,540	$ 7,789
65								
66	**346190**	**Remote Control & Instrument**						
67	Recurring Projects		$ 11,020	$ 6,099	$ 1,957	$ -	$ 19,076	$ 19,705
68	Investment Projects		-	-	-	-	-	-
69	Total		$ 11,020	$ 6,099	$ 1,957	$ -	$ 19,076	$ 19,705
70								
71	**Expense:**							
72	Chemical Expense for WasteWater handling:		$ -	$ -	$ -	$ -	$ -	$ -
73	Electric Power Expense for Wasterwater handling:		-	-	-	-	-	-
74	Hauling Expense for Wasterwater handling:		-	-	-	-	-	-
75	Total		$ -	$ -	$ -	$ -	$ -	$ -
76								
77	**Total**		**$ 1,851,871**	**$ 488,293**	**$ 267,759**	**$ -**	**$ 2,607,923**	**$ 2,693,884**
78								

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

Line Number	Description	EDI Company Totals
1	Additions Subject to EDI:	$ 380,084
2	Plus: Cost of Removal less Salvage	-
3	Less: Contributions in Aid to Construction (CIAC)	-
4	Less: Deferred Income Taxes	2,149
5	Less: Accumulated Depreciation	6,154
6	Net Investment Supplied EDI Additions:	$ 371,782
7		
8	Pre-Tax Rate of Return:	9.45%
9	Pre-Tax Return on Additions:	$ 35,150
10		
11	Depreciation Expense on EDI Additions:	5,463
12		
13	Operational Expenses Related to EDI	-
14		
15	Property and Franchise Taxes Associated with EDI:	5,135
16		
17	EDI Revenues:	$ 45,748
18		
19	Revenue Taxes	3.19%
20	Total EDI Revenues with Revenue Taxes	$ 47,256
21		
22	Volumetric and Metered Revenue as Per Docket No. 12-00049	$ 47,073,724
23		
24	EDI Percentage to Apply to Bill:	0.10%
25		

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

			1	2	3	4	5	B	C	6	7
		EDI				= 1 + 2				= 1 + 3 + 5 +B	= 6 x 9.4544%
Line #	Investment by Plant Account	Account Description	Additions	Retirements	CIAC	Net Investments (for Prop Tax)	Cost of Removal Net of Salvage	Accumulated Deferred Income Taxes	Accumulated Depreciation	Earnings Basis Net Investment	Earnings Basis x PTR
1	**331001**	**Transmission & Distribution Mains**									
2	Recurring Projects		$ 312,240	$ -	$ -	$ 312,240	$ -	$ (1,854)	$ (3,814)	$ 306,571	$ 28,984
3	Investment Projects		-	-	-	-	-	-	-	-	-
4	Total QIP		$ 312,240	$ -	$ -	$ 312,240	$ -	$ (1,854)	$ (3,814)	$ 306,571	$ 28,984
5											
6	**335000**	**Hydrants**									
7	Recurring Projects		$ 67,844	$ -	$ -	$ 67,844	$ -	$ (295)	$ (2,339)	$ 65,210	$ 6,165
8	Investment Projects		-	-	-	-	-	-	-	-	-
9	Total QIP		$ 67,844	$ -	$ -	$ 67,844	$ -	$ (295)	$ (2,339)	$ 65,210	$ 6,165
10											
11	**Expense:**										
12			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
13			-	-	-	-	-	-	-	-	-
14			-	-	-	-	-	-	-	-	-
15	Total		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
16											
17	**Total**		**$ 380,084**	**$ -**	**$ -**	**$ 380,084**	**$ -**	**$ (2,149)**	**$ (6,154)**	**$ 371,782**	**$ 35,150**
18											
19											

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			8	9	10	11	12
		EDI	=(1+2+3)x Depreciation Rate	= (4 x Prop Tax Rate) + (4 x Franchise Rate)		= 7 + 8 + 9 + 10	= 11 / (1 - 4.482%)
Line #	Investment by Plant Account	Account Description	Depr Exp	Prop Tax & Franchise Fees	Operational Expenses	Total Before Revenue Tax	Total With Revenue Tax
1	**331001**	**Transmission & Distribution Mains**					
2	Recurring Projects		$ 3,903	$ 4,219	$ -	$ 37,106	$ 38,329
3	Investment Projects		-	-	-	-	-
4	Total QIP		$ 3,903	$ 4,219	$ -	$ 37,106	$ 38,329
5							
6	**335000**	**Hydrants**					
7	Recurring Projects		$ 1,560	$ 917	$ -	$ 8,642	$ 8,927
8	Investment Projects		-	-	-	-	-
9	Total QIP		$ 1,560	$ 917	$ -	$ 8,642	$ 8,927
10							
11	**Expense:**						
12			$ -	$ -		$ -	$ -
13			-	-		-	-
14			-	-	-	-	-
15	Total		$ -	$ -	$ -	$ -	$ -
16							
17	**Total**		**$ 5,463**	**$ 5,135**	**$ -**	**$ 45,748**	**$ 47,256**
18							
19							

Tennessee American Water Company
Economic Development Investment (EDI)
Investment Worksheet
Proof spreadsheet without Array formulas

			1	2	3	4	5	B	C	6	7
		EDI				= 1 + 2				= 1 + 3 + 5 +B	= 6 x 9.4544%
Line #	Investment by Plant Account	Account Description	Additions	Retirements	CIAC	Net Investments (for Prop Tax)	Cost of Removal Net of Salvage	Accumulated Deferred Income Taxes	Accumulated Depreciation	Earnings Basis Net Investment	Earnings Basis x PTR
1	**331001**	**Transmission & Distribution Mains**									
2	Recurring Projects		$ 312,240	$ -	$ -	$ 312,240	$ -	$ (1,854)	$ (3,814)	$ 306,571	$ 28,984
3	Investment Projects		-	-	-	-	-	-	-	-	-
4	Total QIP		$ 312,240	$ -	$ -	$ 312,240	$ -	$ (1,854)	$ (3,814)	$ 306,571	$ 28,984
5											
6	**335000**	**Hydrants**									
7	Recurring Projects		$ 67,844	$ -	$ -	$ 67,844	$ -	$ (295)	$ (2,339)	$ 65,210	$ 6,165
8	Investment Projects		-	-	-	-	-	-	-	-	-
9	Total QIP		$ 67,844	$ -	$ -	$ 67,844	$ -	$ (295)	$ (2,339)	$ 65,210	$ 6,165
10											
11	**Expense:**										
12			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
13			-	-	-	-	-	-	-	-	-
14			-	-	-	-	-	-	-	-	-
15	Total		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
16											
17	**Total**		**$ 380,084**	**$ -**	**$ -**	**$ 380,084**	**$ -**	**$ (2,149)**	**$ (6,154)**	**$ 371,782**	**$ 35,150**
18											
19											

			8	9	10	11	12
			=(1+2+3)x Depreciation Rate	= (4 x Prop Tax Rate) + (4 x Franchise Rate)		= 7 + 8 + 9 + 10	= 11 / (1 - 4.482%)
		EDI					
Line #	Investment by Plant Account	Account Description	Depr Exp	Prop Tax & Franchise Fees	Operational Expenses	Total Before Revenue Tax	Total With Revenue Tax
1	**331001**	**Transmission & Distribution Mains**					
2	Recurring Projects		$ 3,903	$ 4,219	$ -	$ 37,106	$ 38,329
3	Investment Projects		-	-	-	-	-
4	Total QIP		$ 3,903	$ 4,219	$ -	$ 37,106	$ 38,329
5							
6	**335000**	**Hydrants**					
7	Recurring Projects		$ 1,560	$ 917	$ -	$ 8,642	$ 8,927
8	Investment Projects		-	-	-	-	-
9	Total QIP		$ 1,560	$ 917	$ -	$ 8,642	$ 8,927
10							
11	**Expense:**						
12			$ -	$ -		$ -	$ -
13			-	-		-	-
14			-	-	-	-	-
15	Total		$ -	$ -	$ -	$ -	$ -
16							
17	**Total**		**$ 5,463**	**$ 5,135**	**$ -**	**$ 45,748**	**$ 47,256**
18							
19							

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

Line Number	Description	QIIP Company Totals
1	Additions Subject to QIIP:	$ 16,038,978
2	Plus: Cost of Removal less Salvage	822,674
3	Less: Contributions in Aid to Construction (CIAC)	-
4	Less: Deferred Income Taxes	77,209
5	Less: Accumulated Depreciation	312,641
6	Net Investment Supplied QIIP Additions:	$ 16,471,802
7		
8	Pre-Tax Rate of Return:	9.45%
9	Pre-Tax Return on Additions:	$ 1,557,306
10		
11	Depreciation Expense on QIIP Additions:	304,249
12		
13	Property and Franchise Taxes Associated with QIIP:	215,120
14		
15	QIIP Revenues:	$ 2,076,675
16		
17	Revenue Taxes	3.19%
18	Total QIIP Revenues with Revenue Taxes	$ 2,145,126
19		
20	Volumetric and Metered Revenue as Per Docket No. 12-00049	$ 47,073,724
21		
22	QIIP Percentage to Apply to Bill:	4.56%
23		

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

			1	2	3	4	5	B	C	6	7
		QIIP				= 1 + 2				= 1 + 3 + 5 +B	= 6 x 9.4544%
Line #	Investment by Plant Account	Account Description	Additions	Retirements	CIAC	Net Investments (for Prop Tax)	Cost of Removal Net of Salvage	Accumulated Deferred Income Taxes	Accumulated Depreciation	Earnings Basis Net Investment	Earnings Basis x PTR
1	**320100**	**WT Equip Non-Media**									
2	Recurring Projects		$ 2,337,229	$ -	$ -	$ 2,337,229	$ -	$ (34,507)	$ (49,002)	$ 2,253,721	$ 213,075
3	Investment Projects		4,432,970	-	-	4,432,970	-	(7,912)	(24,160)	4,400,898	416,078
4	Total QIP		$ 6,770,199	$ -	$ -	$ 6,770,199	$ -	$ (42,419)	$ (73,161)	$ 6,654,619	$ 629,153
5											
6	**330000**	**Dist Reservoirs & Standpipes**									
7	Recurring Projects		$ 22,832	$ -	$ -	$ 22,832	$ 0	$ (175)	$ (938)	$ 21,719	$ 2,053
8	Investment Projects		-	-	-	-	-	-	-	-	-
9	Total QIP		$ 22,832	$ -	$ -	$ 22,832	$ 0	$ (175)	$ (938)	$ 21,719	$ 2,053
10											
11	**330003**	**Tank Repainting**									
12	Recurring Projects		$ 500,000	$ -	$ -	$ 500,000	$ -	$ 10,409	$ (38,482)	$ 471,927	$ 44,618
13	Investment Projects		-	-	-	-	-	-	-	-	-
14	Total QIP		$ 500,000	$ -	$ -	$ 500,000	$ -	$ 10,409	$ (38,482)	$ 471,927	$ 44,618
15											
16	**330200**	**Ground Level Tanks**									
17	Recurring Projects		$ -	$ (446)	$ -	$ (446)	$ 977	$ (8)	$ 24	$ 994	$ 94
18	Investment Projects		-	-	-	-	-	-	-	-	-
19	Total QIP		$ -	$ (446)	$ -	$ (446)	$ 977	$ (8)	$ 24	$ 994	$ 94
20											
21	**331001**	**Transmission & Distribution Mains**									
22	Recurring Projects		$ 5,702,553	$ (74,030)	$ -	$ 5,628,523	$ 415,076	$ (45,360)	$ (83,191)	$ 5,989,079	$ 566,230
23	Investment Projects		-	-	-	-	-	-	-	-	-
24	Total QIP		$ 5,702,553	$ (74,030)	$ -	$ 5,628,523	$ 415,076	$ (45,360)	$ (83,191)	$ 5,989,079	$ 566,230
25											
26	**333000**	**Services**									
27	Recurring Projects		$ 883,350	$ (8,462)	$ -	$ 874,888	$ 154,351	$ (9,191)	$ (13,644)	$ 1,014,865	$ 95,949
28	Investment Projects		-	-	-	-	-	-	-	-	-
29	Total QIP		$ 883,350	$ (8,462)	$ -	$ 874,888	$ 154,351	$ (9,191)	$ (13,644)	$ 1,014,865	$ 95,949
30											
31	**334100**	**Meters**									
32	Recurring Projects		$ 809,902	$ (2,518)	$ -	$ 807,384	$ 133,188	$ 12,716	$ (53,046)	$ 902,760	$ 85,350
33	Investment Projects		-	-	-	-	-	-	-	-	-
34	Total QIP		$ 809,902	$ (2,518)	$ -	$ 807,384	$ 133,188	$ 12,716	$ (53,046)	$ 902,760	$ 85,350
35											
36	**334200**	**Meter Installations**									
37	Recurring Projects		$ 909,242	$ (7,247)	$ -	$ 901,995	$ 100,268	$ (1,273)	$ (36,412)	$ 971,826	$ 91,880
38	Investment Projects		-	-	-	-	-	-	-	-	-
39	Total QIP		$ 909,242	$ (7,247)	$ -	$ 901,995	$ 100,268	$ (1,273)	$ (36,412)	$ 971,826	$ 91,880
40											
41	**335000**	**Hydrants**									
42	Recurring Projects		$ 440,900	$ (24,075)	$ -	$ 416,825	$ 18,814	$ (1,908)	$ (13,791)	$ 444,014	$ 41,970
43	Investment Projects		-	-	-	-	-	-	-	-	-
44	Total QIP		$ 440,900	$ (24,075)	$ -	$ 416,825	$ 18,814	$ (1,908)	$ (13,791)	$ 444,014	$ 41,970
45											
46	**Expense:**										
47			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
48			-	-	-	-	-	-	-	-	-
49			-	-	-	-	-	-	-	-	-
50	Total		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
51											

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

			1	2	3	4	5	B	C	6	7
		QIIP				= 1 + 2				= 1 + 3 + 5 +B	= 6 x 9.4544%
Line #	Investment by Plant Account	Account Description	Additions	Retirements	CIAC	Net Investments (for Prop Tax)	Cost of Removal Net of Salvage	Accumulated Deferred Income Taxes	Accumulated Depreciation	Earnings Basis Net Investment	Earnings Basis x PTR
52	Total		$ 16,038,978	$ (116,778)	$ -	$ 15,922,200	$ 822,674	$ (77,209)	$ (312,641)	$ 16,471,802	$ 1,557,306
53											
54											
55											

QIIP

Line #	Investment by Plant Account	Account Description	8 =(1+2+3)x Depreciation Rate	9 = (4 x Prop Tax Rate) + (4 x Franchise Rate)	10	11 = 7 + 8 + 9 + 10	12 = 11 / (1 - 4.482%)
			Depr Exp	Prop Tax & Franchise Fees	Operational Expenses	Total Before Revenue Tax	Total With Revenue Tax
1	**320100**	**WT Equip Non-Media**					
2	Recurring Projects		$ 25,476	$ 31,578	$ -	$ 270,129	$ 279,033
3	Investment Projects		48,319	59,893	-	524,290	541,571
4	Total QIP		$ 73,795	$ 91,470	$ -	$ 794,418	$ 820,604
5							
6	**330000**	**Dist Reservoirs & Standpipes**					
7	Recurring Projects		$ 475	$ 308	$ -	$ 2,837	$ 2,930
8	Investment Projects		-	-	-	-	-
9	Total QIP		$ 475	$ 308	$ -	$ 2,837	$ 2,930
10							
11	**330003**	**Tank Repainting**					
12	Recurring Projects		$ 55,400	$ 6,755	$ -	$ 106,773	$ 110,293
13	Investment Projects		-	-	-	-	-
14	Total QIP		$ 55,400	$ 6,755	$ -	$ 106,773	$ 110,293
15							
16	**330200**	**Ground Level Tanks**					
17	Recurring Projects		$ (12)	$ (6)	$ -	$ 76	$ 78
18	Investment Projects		-	-		-	-
19	Total QIP		$ (12)	$ (6)	$ -	$ 76	$ 78
20							
21	**331001**	**Transmission & Distribution Mains**					
22	Recurring Projects		$ 70,357	$ 76,045	$ -	$ 712,632	$ 736,122
23	Investment Projects		-	-	-	-	-
24	Total QIP		$ 70,357	$ 76,045	$ -	$ 712,632	$ 736,122
25							
26	**333000**	**Services**					
27	Recurring Projects		$ 9,711	$ 11,820	$ -	$ 117,481	$ 121,353
28	Investment Projects		-	-	-	-	-
29	Total QIP		$ 9,711	$ 11,820	$ -	$ 117,481	$ 121,353
30							
31	**334100**	**Meters**					
32	Recurring Projects		$ 60,312	$ 10,908	$ -	$ 156,570	$ 161,731
33	Investment Projects		-	-	-	-	-
34	Total QIP		$ 60,312	$ 10,908	$ -	$ 156,570	$ 161,731
35							
36	**334200**	**Meter Installations**					
37	Recurring Projects		$ 24,624	$ 12,187	$ -	$ 128,691	$ 132,933
38	Investment Projects		-	-	-	-	-
39	Total QIP		$ 24,624	$ 12,187	$ -	$ 128,691	$ 132,933
40							
41	**335000**	**Hydrants**					
42	Recurring Projects		$ 9,587	$ 5,632	$ -	$ 57,197	$ 59,083
43	Investment Projects		-	-	-	-	-
44	Total QIP		$ 9,587	$ 5,632	$ -	$ 57,197	$ 59,083
45							
46	**Expense:**						
47			$ -	$ -	$ -	$ -	$ -
48			-	-	-	-	-
49			-	-	-	-	-
50	Total		$ -	$ -	$ -	$ -	$ -
51							

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			8	9	10	11	12
		QIIP	=(1+2+3)x Depreciation Rate	= (4 x Prop Tax Rate) + (4 x Franchise Rate)		= 7 + 8 + 9 + 10	= 11 / (1 - 4.482%)
Line #	Investment by Plant Account	Account Description	Depr Exp	Prop Tax & Franchise Fees	Operational Expenses	Total Before Revenue Tax	Total With Revenue Tax
52	**Total**		**$ 304,249**	**$ 215,120**	**$ -**	**$ 2,076,675**	**$ 2,145,126**
53							
54							
55							

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Tennessee American Water Company
Qualified Infrastructure Improvement Program (QIIP)
Investment Worksheet
Proof spreadsheet without Array formulas

			1	2	3	4	5	B	C	6	7
		QIIP				= 1 + 2				= 1 + 3 + 5 +B	= 6 x 9.4544%
Line #	Investment by Plant Account	Account Description	Additions	Retirements	CIAC	Net Investments (for Prop Tax)	Cost of Removal Net of Salvage	Accumulated Deferred Income Taxes	Accumulated Depreciation	Earnings Basis Net Investment	Earnings Basis x PTR
1	**320100**	**WT Equip Non-Media**									
2	Recurring Projects		$ 2,337,229	$ -	$ -	$ 2,337,229	$ -	$ (34,507)	$ (49,002)	$ 2,253,721	$ 213,075
3	Investment Projects		4,432,970	-	-	4,432,970	-	(7,912)	(24,160)	4,400,898	416,078
4	Total QIP		$ 6,770,199	$ -	$ -	$ 6,770,199	$ -	$ (42,419)	$ (73,161)	$ 6,654,619	$ 629,153
5											
6	**330000**	**Dist Reservoirs & Standpipes**									
7	Recurring Projects		$ 22,832	$ -	$ -	$ 22,832	$ 0	$ (175)	$ (938)	$ 21,719	$ 2,053
8	Investment Projects		-	-	-	-	-	-	-	-	-
9	Total QIP		$ 22,832	$ -	$ -	$ 22,832	$ 0	$ (175)	$ (938)	$ 21,719	$ 2,053
10											
11	**330003**	**Tank Repainting**									
12	Recurring Projects		$ 500,000	$ -	$ -	$ 500,000	$ -	$ 10,409	$ (38,482)	$ 471,927	$ 44,618
13	Investment Projects		-	-	-	-	-	-	-	-	-
14	Total QIP		$ 500,000	$ -	$ -	$ 500,000	$ -	$ 10,409	$ (38,482)	$ 471,927	$ 44,618
15											
16	**330200**	**Ground Level Tanks**									
17	Recurring Projects		$ -	$ (446)	$ -	$ (446)	$ 977	$ (8)	$ 24	$ 994	$ 94
18	Investment Projects		-	-	-	-	-	-	-	-	-
19	Total QIP		$ -	$ (446)	$ -	$ (446)	$ 977	$ (8)	$ 24	$ 994	$ 94
20											
21	**331001**	**Transmission & Distribution Mains**									
22	Recurring Projects		$ 5,702,553	$ (74,030)	$ -	$ 5,628,523	$ 415,076	$ (45,360)	$ (83,191)	$ 5,989,079	$ 566,230
23	Investment Projects		-	-	-	-	-	-	-	-	-
24	Total QIP		$ 5,702,553	$ (74,030)	$ -	$ 5,628,523	$ 415,076	$ (45,360)	$ (83,191)	$ 5,989,079	$ 566,230
25											
26	**333000**	**Services**									
27	Recurring Projects		$ 883,350	$ (8,462)	$ -	$ 874,888	$ 154,351	$ (9,191)	$ (13,644)	$ 1,014,865	$ 95,949
28	Investment Projects		-	-	-	-	-	-	-	-	-
29	Total QIP		$ 883,350	$ (8,462)	$ -	$ 874,888	$ 154,351	$ (9,191)	$ (13,644)	$ 1,014,865	$ 95,949
30											
31	**334100**	**Meters**									
32	Recurring Projects		$ 809,902	$ (2,518)	$ -	$ 807,384	$ 133,188	$ 12,716	$ (53,046)	$ 902,760	$ 85,350
33	Investment Projects		-	-	-	-	-	-	-	-	-
34	Total QIP		$ 809,902	$ (2,518)	$ -	$ 807,384	$ 133,188	$ 12,716	$ (53,046)	$ 902,760	$ 85,350
35											
36	**334200**	**Meter Installations**									
37	Recurring Projects		$ 909,242	$ (7,247)	$ -	$ 901,995	$ 100,268	$ (1,273)	$ (36,412)	$ 971,826	$ 91,880
38	Investment Projects		-	-	-	-	-	-	-	-	-
39	Total QIP		$ 909,242	$ (7,247)	$ -	$ 901,995	$ 100,268	$ (1,273)	$ (36,412)	$ 971,826	$ 91,880
40											
41	**335000**	**Hydrants**									
42	Recurring Projects		$ 440,900	$ (24,075)	$ -	$ 416,825	$ 18,814	$ (1,908)	$ (13,791)	$ 444,014	$ 41,979
43	Investment Projects		-	-	-	-	-	-	-	-	-
44	Total QIP		$ 440,900	$ (24,075)	$ -	$ 416,825	$ 18,814	$ (1,908)	$ (13,791)	$ 444,014	$ 41,979
45											
46	**Expense:**										
47			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
48			-	-	-	-	-	-	-	-	-
49			-	-	-	-	-	-	-	-	-
50	Total		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
51											

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Tennessee American Water Company
Qualified Infrastructure Improvement Program (QIIP)
Investment Worksheet
Proof spreadsheet without Array formulas

			1	2	3	4	5	B	C	6	7
		QIIP				= 1 + 2				= 1 + 3 + 5 +B	= 6 x 9.4544%
Line #	Investment by Plant Account	Account Description	Additions	Retirements	CIAC	Net Investments (for Prop Tax)	Cost of Removal Net of Salvage	Accumulated Deferred Income Taxes	Accumulated Depreciation	Earnings Basis Net Investment	Earnings Basis x PTR
52	Total		$ 16,038,978	$ (116,778)	$ -	$ 15,922,200	$ 822,674	$ (77,209)	$ (312,641)	$ 16,471,802	$ 1,557,306
53											
54											
55											

			8	9	10	11	12
		QIIP	=(1+2+3)x Depreciation Rate	= (4 x Prop Tax Rate) + (4 x Franchise Rate)		= 7 + 8 + 9 + 10	= 11 / (1 - 4.482%)
Line #	Investment by Plant Account	Account Description	Depr Exp	Prop Tax & Franchise Fees	Operational Expenses	Total Before Revenue Tax	Total With Revenue Tax
1	**320100**	**WT Equip Non-Media**					
2	Recurring Projects		$ 25,476	$ 31,578	$ -	$ 270,129	$ 279,033
3	Investment Projects		48,319	59,893	-	524,290	541,571
4	Total QIP		$ 73,795	$ 91,470	$ -	$ 794,418	$ 820,604
5							
6	**330000**	**Dist Reservoirs & Standpipes**					
7	Recurring Projects		$ 475	$ 308	$ -	$ 2,837	$ 2,930
8	Investment Projects		-	-	-	-	-
9	Total QIP		$ 475	$ 308	$ -	$ 2,837	$ 2,930
10							
11	**330003**	**Tank Repainting**					
12	Recurring Projects		$ 55,400	$ 6,755	$ -	$ 106,773	$ 110,293
13	Investment Projects		-	-	-	-	-
14	Total QIP		$ 55,400	$ 6,755	$ -	$ 106,773	$ 110,293
15							
16	**330200**	**Ground Level Tanks**					
17	Recurring Projects		$ (12)	$ (6)	$ -	$ 76	$ 78
18	Investment Projects		-	-		-	-
19	Total QIP		$ (12)	$ (6)	$ -	$ 76	$ 78
20							
21	**331001**	**Transmission & Distribution Mains**					
22	Recurring Projects		$ 70,357	$ 76,045	$ -	$ 712,632	$ 736,122
23	Investment Projects		-	-	-	-	-
24	Total QIP		$ 70,357	$ 76,045	$ -	$ 712,632	$ 736,122
25							
26	**333000**	**Services**					
27	Recurring Projects		$ 9,711	$ 11,820	$ -	$ 117,481	$ 121,353
28	Investment Projects		-	-	-	-	-
29	Total QIP		$ 9,711	$ 11,820	$ -	$ 117,481	$ 121,353
30							
31	**334100**	**Meters**					
32	Recurring Projects		$ 60,312	$ 10,908	$ -	$ 156,570	$ 161,731
33	Investment Projects		-	-	-	-	-
34	Total QIP		$ 60,312	$ 10,908	$ -	$ 156,570	$ 161,731
35							
36	**334200**	**Meter Installations**					
37	Recurring Projects		$ 24,624	$ 12,187	$ -	$ 128,691	$ 132,933
38	Investment Projects		-	-	-	-	-
39	Total QIP		$ 24,624	$ 12,187	$ -	$ 128,691	$ 132,933
40							
41	**335000**	**Hydrants**					
42	Recurring Projects		$ 9,587	$ 5,632	$ -	$ 57,197	$ 59,083
43	Investment Projects		-	-	-	-	-
44	Total QIP		$ 9,587	$ 5,632	$ -	$ 57,197	$ 59,083
45							
46	**Expense:**						
47			$ -	$ -	$ -	$ -	$ -
48			-	-	-	-	-
49			-	-	-	-	-
50	Total		$ -	$ -	$ -	$ -	$ -
51							

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			8	9	10	11	12
			=(1+2+3)x Depreciation Rate	= (4 x Prop Tax Rate) + (4 x Franchise Rate)		= 7 + 8 + 9 + 10	= 11 / (1 - 4.482%)
		QIIP					
Line #	Investment by Plant Account	Account Description	Depr Exp	Prop Tax & Franchise Fees	Operational Expenses	Total Before Revenue Tax	Total With Revenue Tax
52	**Total**		**$ 304,249**	**$ 215,120**	**$ -**	**$ 2,076,675**	**$ 2,145,126**
53							
54							
55							

Tennessee American Water
Residential Water Rates

		PRICE LEVELS - (Meter Based)											
Rate Category Descrip	**Charge Type**	**5/8-METER**	**3/4-METER**	**1-METER**	**1.5-METER**	**2-METER**	**3-METER**	**4-METER**	**6-METER**	**8-METER**	**1 BlockLim1**	**1 Block$1**	**2 BlockLim2**
TN Lone Oak Water:Res	Flat rate										9999999999	$ 42.030000	
TN Lone Oak Water:Res	Quantity-based price										20	$ -	9999999999
													-
TN Suck Creek Water:Res	Meter-Based	$ 30.60	$ 30.60	$ 30.60	$ 30.60	$ 30.60	$ 30.60	$ 30.60	$ 30.60	$ 30.60			
TN Suck Creek Water:Res	Quantity-based price										15	$ -	95
													-
TN Chatt Water: Res	Meter-Based	$ 13.96	$ 23.45	$ 39.01	$ 78.05	$ 124.88	$ 234.52	$ 390.25	$ 780.50	$ 1,248.77			
TN Chatt Water: Res	Quantity-based price										30	$ 0.035660	486
													-
TN Chatt Water Lookout Mtn.: Res	Meter-Based	$ 15.66	$ 23.45	$ 39.01	$ 78.05	$ 124.89	$ 234.14	$ 390.25	$ 780.50	$ 1,248.77			
TN Chatt Water Lookout Mtn.: Res	Quantity-based price										30	$ 0.132820	486
													-
TN Chatt Water Lakeview: Res	Meter-Based	$ 15.66	$ 23.45	$ 39.00	$ 78.05	$ 124.88	$ 234.14	$ 390.25	$ 780.50	$ 1,248.77			
TN Chatt Water Lakeview: Res	Quantity-based price										30	$ 0.065640	486
													-
TN -Whitwell Res WT INSIDE CITY	Quantity-based price										20	$ -	40
TN -Whitwell Res WT INSIDE CITY	Flat rate										9999999999	$ 20.450000	
													-
TN Whitwell Res WT OUTSIDE CITY	Quantity-based price										20	$ -	40
TN Whitwell Res WT OUTSIDE CITY	Flat rate										9999999999	$ 20.450000	
													-

Tennessee American Water **Workpaper**
Residential Water Rates

PRICES - (VOLUMES & NON-METER BASED FLAT FEES)

Rate Category Descrip	Charge Type	2 Block$2	3 BlockLim3	3 Block$3	4 BlockLim4	4 Block$4	5 BlockLim5	5 Block$5	6 BlockLim6	6 Block$6
TN Lone Oak Water:Res	Flat rate									
TN Lone Oak Water:Res	Quantity-based price	$ 0.726550								
TN Suck Creek Water:Res	Meter-Based									
TN Suck Creek Water:Res	Quantity-based price	$ 0.607310	9999999999	$ 0.455510						
TN Chatt Water: Res	Meter-Based									
TN Chatt Water: Res	Quantity-based price	$ 0.565550	3740	$ 0.355310	37400	$ 0.265640	112000	$ 0.203050	9999999999	$ 0.120570
TN Chatt Water Lookout Mtn.: Res	Meter-Based									
TN Chatt Water Lookout Mtn.: Res	Quantity-based price	$ 0.728500	3740	$ 0.518260	37400	$ 0.361830	112000	$ 0.299910	9999999999	$ 0.217430
TN Chatt Water Lakeview: Res	Meter-Based									
TN Chatt Water Lakeview: Res	Quantity-based price	$ 0.623240	3740	$ 0.413010	37400	$ 0.295160	112000	$ 0.232740	9999999999	$ 0.150270
TN -Whitwell Res WT INSIDE CITY	Quantity-based price	$ 0.480000	60	$ 0.456000	9999999999	$ 0.419000				
TN -Whitwell Res WT INSIDE CITY	Flat rate									
TN Whitwell Res WT OUTSIDE CITY	Quantity-based price	$ 0.587000	60	$ 0.532000	9999999999	$ 0.437000				
TN Whitwell Res WT OUTSIDE CITY	Flat rate									

Tennessee American Water Company
Pre Tax Rate of Return & Revenue Conversion Factors

Last Rate Order:

PTR = ((WCCE +WCPE) * PTRCF) + WCLTD +WSTD	**9.4544%**		
Reconciliation component	0.0000%		
Weighted Cost of Common Equity (WCCE)	3.4380%		
Weighted Cost of Preferred Equity (WCPE)	0.0015%		
Weighted Cost of Long-Term Debt (WCLTD)	3.7620%		
Weighted Cost of Short- Term Debt (WCSTD) (from Settlement agreement)	0.0330%		
Gross Revenue Conversion Factor (PTRCF): 1/(1-PPRT)(1-SIT)(1-FIT)	1.645413		

PreTax ROR Conv. Factor

State Excise Tax	0.065	0.065	From Settlement agreement
Balance (1.0-.065)		0.935	
Fed Inc. Tax (.935*.35)	0.35	0.32725	From Settlement agreement
Combined Tax Rate (.065 + .32725)		0.39225	
Balance (1.0-.39225)		0.60775	
PreTax ROR Conv. Factor		1.64541341	

Revenue Taxes:

Uncol. Exp		1.057%	From Settlement Agreement - Does not include forfeited discounts
TRA Fee			From House Bill 191
GR Tax		3.000%	From Settlement Agreement
Forfeited Discounts		-0.866%	
Total Rev. Taxes		**3.191%**	

Projection of Annual Revenues from Last Rate Order:	$	47,073,724
Projection of Annual Sales from Last Order in 100 Gallons		100,589,065

Tennessee American Water
Contributions in Aid to Con
12 Month History by Ac

	2012												**2013**					
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6
560815					(10,846)	(11,258)	(6,972)			(41,934)	(4,982)	(6,412)	(4,782)	(6,066)	(4,266)	(7,828)	(12,590)	(9,666)
GARDEN METER SETTINGS COST																		
560824					(516)	(526)	(228)											
NEW GARDEN METER COST																		
					(1,912)													
	(3,486)	(2,324)	(15,672)	(11,231)														
Grand Total	(3,486)	(2,324)	(15,672)	(11,231)	(13,274)	(11,784)	(7,200)	-	-	(41,934)	(4,982)	(6,412)						

Company struction count																	
						2014											Grand Total
7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
(3,025)	(3,000)	(2,682)	(5,532)	(2,466)	3,750	(2,212)	(600)											(143,369)
																		-
				(2,400)			(5,362)	(7,716)	(4,650)	(13,261)		(1,800)						(36,459)
																		-
																		(1,912)
																		(32,713)
																		(118,299)
																		(39,433) 1/2 Average
																		(118,299.00) Multiply by 3

for 1.5 years

Tennessee American Water Company
NARUC Master Chart of Accounts

GMMCU	GMOBJ	GMSUB	GMDL01	GMR004	GMR00401	GMR021	GMR02101	GMR022	GMR02201
ASSC76	101000	301000	Organization	B01	Utility Plant Original Cost	A301	Organization	A3011	Organization
ASSC76	101000	302000	Franchises	B01	Utility Plant Original Cost	A302	Franchises & Consents	A3021	Franchises
ASSC76	101000	302100	Franchises Amortizable	B01	Utility Plant Original Cost	A302	Franchises & Consents	A3021	Franchises
ASSC76	101000	303200	Land & Ld Rights SS	B01	Utility Plant Original Cost	A310	Land & Land Rights SS	A3032	Land & Land Rights SS
ASSC76	101000	303300	Land & Ld Rights P	B01	Utility Plant Original Cost	A320	Land & Land Rights P	A3032	Land & Land Rights SS
ASSC76	101000	303400	Land & Ld Rights WT	B01	Utility Plant Original Cost	A330	Land & Land Rights WT	A3033	Land & Land Rights WT
ASSC76	101000	303410	Depletable Ld WT	B01	Utility Plant Original Cost	A330	Land & Land Rights WT	A3033	Land & Land Rights WT
ASSC76	101000	303500	Land & Ld Rights TD	B01	Utility Plant Original Cost	A340	Land & Land Rights TD	A3034	Land & Land Rights TD
ASSC76	101000	303501	Land TD	B01	Utility Plant Original Cost	A340	Land & Land Rights TD	A3034	Land & Land Rights TD
ASSC76	101000	303502	Rights of Way TD	B01	Utility Plant Original Cost	A340	Land & Land Rights TD	A3034	Land & Land Rights TD
ASSC76	101000	303600	Land & Land Rights AG	B01	Utility Plant Original Cost	A389	Land & Land Rights AG	A3035	Land & Land Rights AG
ASSC76	101000	304100	Struct & Imp SS	B01	Utility Plant Original Cost	A311	Struct & Improve SS	A3042	Struct & Improve SS
ASSC76	101000	304101	Struct & Imp SS-Millbury	B01	Utility Plant Original Cost	A311	Struct & Improve SS	A3042	Struct & Improve SS
ASSC76	101000	304102	Struct & Imp SS-Free St	B01	Utility Plant Original Cost	A311	Struct & Improve SS	A3042	Struct & Improve SS
ASSC76	101000	304103	Struct & Imp SS-Downing	B01	Utility Plant Original Cost	A311	Struct & Improve SS	A3042	Struct & Improve SS
ASSC76	101000	304104	Struct & Imp SS-Free St	B01	Utility Plant Original Cost	A311	Struct & Improve SS	A3042	Struct & Improve SS
ASSC76	101000	304200	Struct & Imp P	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304201	Struct & Imp Pumps (STL)	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304202	Struct & Imp Pump Booster	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304220	Struct & Imp P MA	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304221	Struct & Imp P MA	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304222	Struct & Imp P MA	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304224	Struct & Imp P MA	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304225	Struct & Imp P MA	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304227	Struct & Imp P MA	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304228	Struct & Imp P MA	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304229	Struct & Imp P MA	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304230	Struct & Imp P MA	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304231	Struct & Imp P MA	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304233	Struct & Imp P MA	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304234	Struct & Imp P MA	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304235	Struct & Imp P MA	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304236	Struct & Imp P MA	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304300	Struct & Imp WT	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304301	Struct & Imp WT Depr Pntn	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304302	Struct & Imp WT Paint	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304310	Struct & Imp WT Wste Hand	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304312	Struct & Imp WT WH Repain	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304320	Struct & Imp WT Nth Plt (	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304321	Struct & Imp WT MA	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304322	Struct & Imp WT MA	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304323	Struct & Imp WT MA	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304324	Struct & Imp WT MA	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304330	Struct & Imp WT Ctrl Plt	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304340	Struct & Imp WT Ctrl Plt	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304350	Struct & Imp WT Sth Plt (	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304360	Struct & Imp WT Meramec (	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304390	Struct & Imp WT Mix & Set	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304391	Struct & Imp WT Pur Bldg	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304392	Struct & Imp WT Wsh Wtr T	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304400	Struct & Imp TD	B01	Utility Plant Original Cost	A341	Struct & Improve TD	A3044	Struct & Improve TD
ASSC76	101000	304410	Struct & Imp TD Spec Cros	B01	Utility Plant Original Cost	A341	Struct & Improve TD	A3044	Struct & Improve TD
ASSC76	101000	304500	Struct & Imp AG	B01	Utility Plant Original Cost	A390	Struct & Improve AG	A3045	Struct & Improve AG
ASSC76	101000	304510	Struct & Imp AG Cap Lease	B01	Utility Plant Original Cost	A390	Struct & Improve AG	A3045	Struct & Improve AG
ASSC76	101000	304515	Struct & Imp AG Wood	B01	Utility Plant Original Cost	A390	Struct & Improve AG	A3045	Struct & Improve AG
ASSC76	101000	304520	Struct & Imp AG Masonry	B01	Utility Plant Original Cost	A390	Struct & Improve AG	A3045	Struct & Improve AG
ASSC76	101000	304600	Struct & Imp Offices	B01	Utility Plant Original Cost	A390	Struct & Improve AG	A3045	Struct & Improve AG
ASSC76	101000	304610	Gen Structures - HVAC	B01	Utility Plant Original Cost	A390	Struct & Improve AG	A3045	Struct & Improve AG
ASSC76	101000	304620	Struct & Imp Leasehold	B01	Utility Plant Original Cost	A390	Struct & Improve AG	A3045	Struct & Improve AG
ASSC76	101000	304621	Struct & Imp Leasehold	B01	Utility Plant Original Cost	A390	Struct & Improve AG	A3045	Struct & Improve AG
ASSC76	101000	304700	Struct & Imp Store,Shop,G	B01	Utility Plant Original Cost	A390	Struct & Improve AG	A3045	Struct & Improve AG
ASSC76	101000	304800	Struct & Imp Misc	B01	Utility Plant Original Cost	A390	Struct & Improve AG	A3045	Struct & Improve AG
ASSC76	101000	305000	Collect & Impounding	B01	Utility Plant Original Cost	A312	Collecting & Impounding	A3052	Collecting & Impounding
ASSC76	101000	306000	Lake, River & Other Intak	B01	Utility Plant Original Cost	A313	Lake, River & Other Intak	A3062	Lake, River & Other Intak
ASSC76	101000	306001	Intakes Leased	B01	Utility Plant Original Cost	A313	Lake, River & Other Intak	A3062	Lake, River & Other Intak
ASSC76	101000	307000	Wells & Springs	B01	Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs
ASSC76	101000	307001	Wells & Springs MA	B01	Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs
ASSC76	101000	307002	Wells & Springs MA	B01	Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs
ASSC76	101000	307003	Wells & Springs MA	B01	Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs
ASSC76	101000	307004	Wells & Springs MA	B01	Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs
ASSC76	101000	307005	Wells & Springs MA	B01	Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs
ASSC76	101000	307006	Wells & Springs MA	B01	Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs
ASSC76	101000	307007	Wells & Springs MA	B01	Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs
ASSC76	101000	307008	Wells & Springs MA	B01	Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs
ASSC76	101000	307010	Wells & Springs MA	B01	Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs
ASSC76	101000	307011	Wells & Springs MA	B01	Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs
ASSC76	101000	307012	Wells & Springs MA	B01	Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs
ASSC76	101000	307013	Wells & Springs MA	B01	Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs
ASSC76	101000	307014	Wells & Springs MA	B01	Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs
ASSC76	101000	307016	Wells & Springs MA	B01	Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs
ASSC76	101000	307200	Wells Only (LI)	B01	Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs

Tennessee American Water Company
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GMMCU	GMOBJ	GMSUB	GMDL01	GMR004	GMR00401	GMR021	GMR02101	GMR022	GMR02201
ASSC76	101000	308000	Infiltration Galleries &	B01	Utility Plant Original Cost	A315	Infilt Galleries & Tunnel	A3082	Infiltration Galleries &
ASSC76	101000	309000	Supply Mains	B01	Utility Plant Original Cost	A316	Supply Mains	A3092	Supply Mains
ASSC76	101000	309100	Supply Mains Nth Plt (STL	B01	Utility Plant Original Cost	A316	Supply Mains	A3092	Supply Mains
ASSC76	101000	309200	Supply Mains Ctrl Plt (ST	B01	Utility Plant Original Cost	A316	Supply Mains	A3092	Supply Mains
ASSC76	101000	309300	Supply Mains Sth Plt (STL	B01	Utility Plant Original Cost	A316	Supply Mains	A3092	Supply Mains
ASSC76	101000	309400	Supply Mains Meramec Plt	B01	Utility Plant Original Cost	A316	Supply Mains	A3092	Supply Mains
ASSC76	101000	310000	Power Generation Equip	B01	Utility Plant Original Cost	A323	Other Power Prod Equip	A3102	Power Generation Equip
ASSC76	101000	310100	Power Generation Equip Ot	B01	Utility Plant Original Cost	A323	Other Power Prod Equip	A3102	Power Generation Equip
ASSC76	101000	310200	Boiler Plant Equipment P	B01	Utility Plant Original Cost	A322	Boiler Plant Equip	A3112	Pumping Equipment SS
ASSC76	101000	311100	Pump Equip Steam	B01	Utility Plant Original Cost	A324	Steam Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311200	Pump Equip Electric	B01	Utility Plant Original Cost	A325	Electric Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311210	Pump Equip Elec Pre46 (ST	B01	Utility Plant Original Cost	A325	Electric Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311220	Pump Equip Elec Post46 (S	B01	Utility Plant Original Cost	A325	Electric Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311230	Pump Equip Elec Boosters	B01	Utility Plant Original Cost	A325	Electric Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311250	Pump Equip Electric TD	B01	Utility Plant Original Cost	A325	Electric Pump Equip	A3114	Pumping Equipment TD
ASSC76	101000	311260	Pump Equip Elec TD <=5HP	B01	Utility Plant Original Cost	A325	Electric Pump Equip	A3114	Pumping Equipment TD
ASSC76	101000	311270	Pump Equip Elec TD >5HP	B01	Utility Plant Original Cost	A325	Electric Pump Equip	A3114	Pumping Equipment TD
ASSC76	101000	311300	Pump Equip Diesel	B01	Utility Plant Original Cost	A326	Diesel Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311310	Pump Equip Diesel Stratma	B01	Utility Plant Original Cost	A326	Diesel Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311320	Pump Equip Diesel Ctrl Pl	B01	Utility Plant Original Cost	A326	Diesel Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311350	Pump Equip Diesel TD	B01	Utility Plant Original Cost	A326	Diesel Pump Equip	A3114	Pumping Equipment TD
ASSC76	101000	311400	Pump Equip Hydraulic	B01	Utility Plant Original Cost	A327	Hydraulic Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311500	Pump Equip Other	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311501	Pump Equip Other MA	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311502	Pump Equip Other MA	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311503	Pump Equip Other MA	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311504	Pump Equip Other MA	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311507	Pump Equip Other MA	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311508	Pump Equip Other MA	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311509	Pump Equip Other MA	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311510	Pump Equip Other MA	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311511	Pump Equip Other MA	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311512	Pump Equip Other MA	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311513	Pump Equip Other MA	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311514	Pump Equip Other MA	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311515	Pump Equip Other MA	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311516	Pump Equip Other MA	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311520	Pumping Equipment SS	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3113	Pumping Equipment WT
ASSC76	101000	311530	Pumping Equipment WT	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3113	Pumping Equipment WT
ASSC76	101000	311540	Pumping Equipment TD	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3114	Pumping Equipment TD
ASSC76	101000	311550	Pump Equip Other TD	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3114	Pumping Equipment TD
ASSC76	101000	320100	WT Equip Non-Media	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3203	Water Treatment Equipment
ASSC76	101000	320110	WT Equip Purification (LI	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3203	Water Treatment Equipment
ASSC76	101000	320120	WT Equip Non-Med North (S	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3203	Water Treatment Equipment
ASSC76	101000	320130	WT Equip Non Media Ctrl 1	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3203	Water Treatment Equipment
ASSC76	101000	320140	WT Equip Non Media Ctrl 3	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3203	Water Treatment Equipment
ASSC76	101000	320150	WT Equip Non Media Sth (S	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3203	Water Treatment Equipment
ASSC76	101000	320160	WT Equip Non Media Mer (S	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3203	Water Treatment Equipment
ASSC76	101000	320190	WT Equip Set Basin,Clear	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3203	Water Treatment Equipment
ASSC76	101000	320191	WT Equip Filter Plant Pip	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3203	Water Treatment Equipment
ASSC76	101000	320192	WT Equip Wash Water Tank	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3203	Water Treatment Equipment
ASSC76	101000	320193	WT Equip Chemical Feed (I	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3203	Water Treatment Equipment
ASSC76	101000	320200	WT Equip Filter Media	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3203	Water Treatment Equipment
ASSC76	101000	320400	WT Equip Waste Handling (	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3203	Water Treatment Equipment
ASSC76	101000	320500	WT Equip Pur Sys Lg (PA)	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3203	Water Treatment Equipment
ASSC76	101000	320502	WT Equip Pur Sys Lg Repai	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3203	Water Treatment Equipment
ASSC76	101000	330000	Dist Reservoirs & Standpi	B01	Utility Plant Original Cost	A342	Dist Reservoirs & Standpi	A3304	Dist Reservoirs & Standpi
ASSC76	101000	330002	Dist Res & Stand Orig Pai	B01	Utility Plant Original Cost	A342	Dist Reservoirs & Standpi	A3304	Dist Reservoirs & Standpi
ASSC76	101000	330003	Dist Res & Stand Orig Rep	B01	Utility Plant Original Cost	A342	Dist Reservoirs & Standpi	A3304	Dist Reservoirs & Standpi
ASSC76	101000	330020	Dist Res & Stand MA	B01	Utility Plant Original Cost	A342	Dist Reservoirs & Standpi	A3304	Dist Reservoirs & Standpi
ASSC76	101000	330021	Dist Res & Stand MA	B01	Utility Plant Original Cost	A342	Dist Reservoirs & Standpi	A3304	Dist Reservoirs & Standpi
ASSC76	101000	330022	Dist Res & Stand MA	B01	Utility Plant Original Cost	A342	Dist Reservoirs & Standpi	A3304	Dist Reservoirs & Standpi
ASSC76	101000	330023	Dist Res & Stand MA	B01	Utility Plant Original Cost	A342	Dist Reservoirs & Standpi	A3304	Dist Reservoirs & Standpi
ASSC76	101000	330024	Dist Res & Stand MA	B01	Utility Plant Original Cost	A342	Dist Reservoirs & Standpi	A3304	Dist Reservoirs & Standpi
ASSC76	101000	330100	Elevated Tanks & Standpip	B01	Utility Plant Original Cost	A342	Dist Reservoirs & Standpi	A3304	Dist Reservoirs & Standpi
ASSC76	101000	330200	Ground Level Facilities	B01	Utility Plant Original Cost	A342	Dist Reservoirs & Standpi	A3304	Dist Reservoirs & Standpi
ASSC76	101000	330300	Below Grade Facilities	B01	Utility Plant Original Cost	A342	Dist Reservoirs & Standpi	A3304	Dist Reservoirs & Standpi
ASSC76	101000	330400	Clearwell	B01	Utility Plant Original Cost	A342	Dist Reservoirs & Standpi	A3304	Dist Reservoirs & Standpi
ASSC76	101000	331001	TD Mains Not Classified b	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331002	TD Mains (CT)	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331003	TD Mains Paving (LI)	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331100	TD Mains 4in & Less	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331101	TD Mains 4in & Less Nth (	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331200	TD Mains 6in to 8in	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331210	TD Mains 6in to 10in (TN)	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331230	TD Mains 6in & Grtr (LI)	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331300	TD Mains 10in to 16in	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331350	TD Mains 12in & Grtr (TN)	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331400	TD Mains 18in & Grtr	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331500	TD Mains Bridgeport (CN)	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331601	TD Mains AC 4in (STL)	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains

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GMMCU	GMOBJ	GMSUB	GMDL01	GMR004	GMR00401	GMR021	GMR02101	GMR022	GMR02201
ASSC76	101000	331602	TD Mains CI <10in 1900-28	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331603	TD Mains CI <10in 1929-56	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331604	TD Mains CI <10in 1957-93	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331605	TD Mains CI 12in (STL)	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331606	TD Mains CI 16in (STL)	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331607	TD Mains DI 6in (STL)	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331608	TD Mains DI 12in (STL)	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331609	TD Mains DI 16in (STL)	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331610	TD Mains Galve 1in (STL)	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331611	TD Mains LJ 20in (STL)	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331612	TD Main PL 6-8in (STL)	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331613	TD Main PL 12in (STL)	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331614	TD Main DI 4in (STL)	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331615	TD Mains DI 24in	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331616	TD Main DI 10in (STL)	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	332000	Fire Mains	B01	Utility Plant Original Cost	A344	Fire Mains	A3314	TD Mains
ASSC76	101000	333000	Services	B01	Utility Plant Original Cost	A345	Services	A3334	Services
ASSC76	101000	334100	Meters	B01	Utility Plant Original Cost	A346	Meters	A3344	Meters & Meter Installati
ASSC76	101000	334110	Meters Bronze Case	B01	Utility Plant Original Cost	A346	Meters	A3344	Meters & Meter Installati
ASSC76	101000	334120	Meters Plastic Case	B01	Utility Plant Original Cost	A346	Meters	A3344	Meters & Meter Installati
ASSC76	101000	334130	Meters Other	B01	Utility Plant Original Cost	A346	Meters	A3344	Meters & Meter Installati
ASSC76	101000	334131	Meters Other-Rem Rdr Unts	B01	Utility Plant Original Cost	A346	Meters	A3344	Meters & Meter Installati
ASSC76	101000	334200	Meter Installations	B01	Utility Plant Original Cost	A347	Meter Installations	A3344	Meters & Meter Installati
ASSC76	101000	334201	Meter Installation Other	B01	Utility Plant Original Cost	A347	Meter Installations	A3344	Meters & Meter Installati
ASSC76	101000	334300	Meter Vaults	B01	Utility Plant Original Cost	A346	Meters	A3344	Meters & Meter Installati
ASSC76	101000	335000	Hydrants	B01	Utility Plant Original Cost	A348	Hydrants	A3354	Hydrants
ASSC76	101000	336000	Backflow Prevention Devic	B01	Utility Plant Original Cost	A345	Services	A3364	Backflow Prevention Devic
ASSC76	101000	339100	Other P/E Intangible	B01	Utility Plant Original Cost	A303	Misc Intangible Plant	A3391	Other Plant & Equip Intan
ASSC76	101000	339200	Other P/E SS	B01	Utility Plant Original Cost	A317	Other Water Source Plant	A3392	Other Plant & Equip SS
ASSC76	101000	339300	Other P/E WT	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3393	Other Plant & Equip WT
ASSC76	101000	339400	Other P/E WT Res Hand Equ	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3393	Other Plant & Equip WT
ASSC76	101000	339500	Other P/E TD	B01	Utility Plant Original Cost	A349	Other TD Plant	A3394	Other Plant & Equip TD
ASSC76	101000	339600	Other P/E CPS	B01	Utility Plant Original Cost	A303	Misc Intangible Plant	A3391	Other Plant & Equip Intan
ASSC76	101000	340100	Office Furniture & Equip	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3405	Office Furniture & Equip
ASSC76	101000	340200	Comp & Periph Equip	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3405	Office Furniture & Equip
ASSC76	101000	340210	Comp & Periph Mainframe	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3405	Office Furniture & Equip
ASSC76	101000	340220	Comp & Periph Personal	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3405	Office Furniture & Equip
ASSC76	101000	340230	Comp & Periph Other	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3405	Office Furniture & Equip
ASSC76	101000	340240	Comp & Periph Capital Lea	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3405	Office Furniture & Equip
ASSC76	101000	340300	Computer Software	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3405	Office Furniture & Equip
ASSC76	101000	340310	Comp Software Mainframe	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3405	Office Furniture & Equip
ASSC76	101000	340315	Comp Software Special Dep	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3405	Office Furniture & Equip
ASSC76	101000	340320	Comp Software Personal	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3405	Office Furniture & Equip
ASSC76	101000	340325	Comp Software Customized	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3405	Office Furniture & Equip
ASSC76	101000	340330	Comp Software Other	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3405	Office Furniture & Equip
ASSC76	101000	340400	Data Handling Equipment	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3405	Office Furniture & Equip
ASSC76	101000	340500	Other Office Equipment	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3405	Office Furniture & Equip
ASSC76	101000	340501	Other Off Equip MA	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3405	Office Furniture & Equip
ASSC76	101000	341001	Trans Equip Not Classifie	B01	Utility Plant Original Cost	A392	Transportation Equip	A3415	Transportation Equip
ASSC76	101000	341100	Trans Equip Lt Duty Trks	B01	Utility Plant Original Cost	A392	Transportation Equip	A3415	Transportation Equip
ASSC76	101000	341200	Trans Equip Hvy Duty Trks	B01	Utility Plant Original Cost	A392	Transportation Equip	A3415	Transportation Equip
ASSC76	101000	341300	Trans Equip Autos	B01	Utility Plant Original Cost	A392	Transportation Equip	A3415	Transportation Equip
ASSC76	101000	341400	Trans Equip Other	B01	Utility Plant Original Cost	A392	Transportation Equip	A3415	Transportation Equip
ASSC76	101000	342000	Stores Equipment	B01	Utility Plant Original Cost	A393	Stores Equipment	A3425	Stores Equipment
ASSC76	101000	343000	Tools,Shop,Garage Equip	B01	Utility Plant Original Cost	A394	Tools, Shop, Garage Equip	A3435	Tools, Shop, Garage Equip
ASSC76	101000	343100	Tools,Shop,Garage Equip O	B01	Utility Plant Original Cost	A394	Tools, Shop, Garage Equip	A3435	Tools, Shop, Garage Equip
ASSC76	101000	344000	Laboratory Equipment	B01	Utility Plant Original Cost	A395	Laboratory Equipment	A3445	Laboratory Equipment
ASSC76	101000	344100	Laboratory Equip Other	B01	Utility Plant Original Cost	A395	Laboratory Equipment	A3445	Laboratory Equipment
ASSC76	101000	345000	Power Operated Equipment	B01	Utility Plant Original Cost	A396	Power Oper Equipment	A3455	Power Operated Equip
ASSC76	101000	345100	Power Oper Equip Other	B01	Utility Plant Original Cost	A396	Power Oper Equipment	A3455	Power Operated Equip
ASSC76	101000	346000	Comm Equip Not Classified	B01	Utility Plant Original Cost	A397	Communication Equip	A3465	Communication Equip
ASSC76	101000	346100	Comm Equip Non-Telephone	B01	Utility Plant Original Cost	A397	Communication Equip	A3465	Communication Equip
ASSC76	101000	346190	Remote Control & Instrume	B01	Utility Plant Original Cost	A397	Communication Equip	A3465	Communication Equip
ASSC76	101000	346200	Comm Equip Telephone	B01	Utility Plant Original Cost	A397	Communication Equip	A3465	Communication Equip
ASSC76	101000	346300	Comm Equip Other	B01	Utility Plant Original Cost	A397	Communication Equip	A3465	Communication Equip
ASSC76	101000	347000	Misc Equipment	B01	Utility Plant Original Cost	A398	Misc Equipment	A3475	Miscellaneous Equip
ASSC76	101000	348000	Other Tangible Property	B01	Utility Plant Original Cost	A399	Other Tangible Property	A3485	Other Tangible Plant
ASSC76	101000	351000	WW Organization	B01	Utility Plant Original Cost	A301	Organization	A3511	WW Organization
ASSC76	101000	352000	WW Franchises	B01	Utility Plant Original Cost	A302	Franchises & Consents	A3521	WW Franchises
ASSC76	101000	352200	WW Other Intangible Plt	B01	Utility Plant Original Cost	A303	Misc Intangible Plant	A3521	WW Franchises
ASSC76	101000	353200	WW Land & Ld Rights Coll	B01	Utility Plant Original Cost	A350	WW Land & Ld Rights Coll	A3532	WW Land & Ld Rights Coll
ASSC76	101000	353300	WW Land & Ld Rights SPP	B01	Utility Plant Original Cost	A360	WW Land & Ld Rights SPP	A3533	WW Land & Ld Rights SPP
ASSC76	101000	353400	WW Land & Ld Rights TDP	B01	Utility Plant Original Cost	A370	WW Land & Ld Rights TDP	A3534	WW Land & Ld Rights TDP
ASSC76	101000	353500	WW Land & Ld Rights Gen	B01	Utility Plant Original Cost	A389	Land & Land Rights AG	A3537	WW Land & Ld Rights Gen
ASSC76	101000	354200	WW Struct & Imp Coll	B01	Utility Plant Original Cost	A351	WW Struct & Imp Coll	A3542	WW Struct & Imp Coll
ASSC76	101000	354300	WW Struct & Imp SPP	B01	Utility Plant Original Cost	A361	WW Struct & Imp SPP	A3543	WW Struct & Imp SPP
ASSC76	101000	354400	WW Struct & Imp TDP	B01	Utility Plant Original Cost	A371	WW Struct & Imp TDP	A3544	WW Struct & Imp TDP
ASSC76	101000	354500	WW Struct & Imp Gen	B01	Utility Plant Original Cost	A390	Struct & Improve AG	A3547	WW Struct & Imp Gen
ASSC76	101000	354510	WW Struct & Imp Gen Lease	B01	Utility Plant Original Cost	A390	Struct & Improve AG	A3547	WW Struct & Imp Gen
ASSC76	101000	354515	WW Struct & Imp AG Wood	B01	Utility Plant Original Cost	A390	Struct & Improve AG	A3547	WW Struct & Imp Gen
ASSC76	101000	354520	WW Struct & Imp AG Masonr	B01	Utility Plant Original Cost	A390	Struct & Improve AG	A3547	WW Struct & Imp Gen

Tennessee American Water Company
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GMMCU	GMOBJ	GMSUB	GMDL01	GMR004	GMR00401	GMR021	GMR02101	GMR022	GMR02201
ASSC76	101000	354530	WW Struct & Imp AG Fencin	B01	Utility Plant Original Cost	A390	Struct & Improve AG	A3547	WW Struct & Imp Gen
ASSC76	101000	355200	WW Pwr Gen Equip Coll	B01	Utility Plant Original Cost	A356	WW Other Equip Coll	A3552	WW Pwr Gen Equip Coll
ASSC76	101000	355300	WW Pwr Gen Equip SPP	B01	Utility Plant Original Cost	A363	WW Elec Pump Equip SPP	A3553	WW Pwr Gen Equip SPP
ASSC76	101000	355400	WW Pwr Gen Equip TDP	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3554	WW Pwr Gen Equip TDP
ASSC76	101000	355500	WW Pwr Gen Equip RWTP	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3555	WW Pwr Gen Equip RWTP
ASSC76	101000	355600	WW Pwr Gen Equip RWDP	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3556	WW Pwr Gen Equip RWDP
ASSC76	101000	360000	WW Collection Sewers Forc	B01	Utility Plant Original Cost	A3521	WW Collection Sewers Forc	A3602	WW Collection Sewers Forc
ASSC76	101000	361100	WW Collecting Mains	B01	Utility Plant Original Cost	A352	WW Collecting Mains	A3612	WW Collection Sewers Grav
ASSC76	101000	361101	WW Collecting Mains Other	B01	Utility Plant Original Cost	A352	WW Collecting Mains	A3612	WW Collection Sewers Grav
ASSC76	101000	362000	WW Special Coll Struct	B01	Utility Plant Original Cost	A3523	WW Special Coll Struct	A3622	WW Special Coll Struct
ASSC76	101000	363000	WW Services Sewer	B01	Utility Plant Original Cost	A353	WW Services Sewer	A3632	WW Services Sewer
ASSC76	101000	364000	WW Flow Measuring Devices	B01	Utility Plant Original Cost	A354	WW Flow Measuring Devices	A3642	WW Flow Measuring Devices
ASSC76	101000	365000	WW Flow Measuring Install	B01	Utility Plant Original Cost	A355	WW Flow Measuring Install	A3652	WW Flow Measuring Install
ASSC76	101000	370000	WW Receiving Wells	B01	Utility Plant Original Cost	A362	WW Receiving Wells	A3703	WW Receiving Wells
ASSC76	101000	371100	WW Pump Equip Elect	B01	Utility Plant Original Cost	A363	WW Elec Pump Equip SPP	A3713	WW Pumping Equipment
ASSC76	101000	371160	WW Pump Eq Elec <+5HP	B01	Utility Plant Original Cost	A363	WW Elec Pump Equip SPP	A3713	WW Pumping Equipment
ASSC76	101000	371170	WW Pump Eq Elec >5HP	B01	Utility Plant Original Cost	A365	WW Other Pump Equip SPP	A3713	WW Pumping Equipment
ASSC76	101000	371200	WW Pump Equip Oth Pwr	B01	Utility Plant Original Cost	A365	WW Other Pump Equip SPP	A3713	WW Pumping Equipment
ASSC76	101000	371300	WW Pump Equip Misc	B01	Utility Plant Original Cost	A365	WW Other Pump Equip SPP	A3713	WW Pumping Equipment
ASSC76	101000	380000	WW TD Equipment	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3804	WW TD Equipment
ASSC76	101000	380050	WW TD Equip Grit Removal	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3804	WW TD Equipment
ASSC76	101000	380100	WW TD Equip Sed Tanks/Acc	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3804	WW TD Equipment
ASSC76	101000	380200	WW TD Equip Sldge/Effl Rm	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3804	WW TD Equipment
ASSC76	101000	380250	WW TD Equip Sldge Dig Tnk	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3804	WW TD Equipment
ASSC76	101000	380300	WW TD Equip Sldge Dry/Fil	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3804	WW TD Equipment
ASSC76	101000	380350	WW TD Equip Sec Trmt Filt	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3804	WW TD Equipment
ASSC76	101000	380400	WW TD Equip Aux Effl Trmt	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3804	WW TD Equipment
ASSC76	101000	380450	WW TD Equip Oth Sew Rem	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3804	WW TD Equipment
ASSC76	101000	380500	WW TD Equip Chem Trmt Plt	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3804	WW TD Equipment
ASSC76	101000	380600	WW TD Equip Oth Disp	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3804	WW TD Equipment
ASSC76	101000	380625	WW TD Equip Gen Trmt	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3804	WW TD Equipment
ASSC76	101000	380650	WW TD Equip Influent Lift	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3804	WW TD Equipment
ASSC76	101000	381000	WW Plant Sewers	B01	Utility Plant Original Cost	A373	WW Plant Sewers	A3814	WW Plant Sewers
ASSC76	101000	382000	WW Outfall Sewer Lines	B01	Utility Plant Original Cost	A374	WW Outfall Sewer Lines	A3824	WW Outfall Sewer Lines
ASSC76	101000	389100	WW Oth Plt & Misc Equip I	B01	Utility Plant Original Cost	A303	Misc Intangible Plant	A3891	WW Oth Plt&Misc Eq Intang
ASSC76	101000	389200	WW Oth Plt & Misc Equip C	B01	Utility Plant Original Cost	A356	WW Other Equip Coll	A3892	WW Oth Plt&Misc Eq Coll
ASSC76	101000	389300	WW Oth Plt & Misc Equip S	B01	Utility Plant Original Cost	A365	WW Other Pump Equip SPP	A3893	WW Oth Plt&Misc Eq SPP
ASSC76	101000	389400	WW Oth Plt & Misc Equip T	B01	Utility Plant Original Cost	A375	WW Other TD Equip	A3894	WW Oth Plt&Misc Eq TDP
ASSC76	101000	389600	WW Other P/E-CPS	B01	Utility Plant Original Cost	A303	Misc Intangible Plant	A3891	WW Oth Plt&Misc Eq Intang
ASSC76	101000	390000	WW Office Furniture & Equ	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3907	WW Office Furniture & Equ
ASSC76	101000	390200	WW Computers & Peripheral	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3907	WW Office Furniture & Equ
ASSC76	101000	390300	WW Computer Software	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3907	WW Office Furniture & Equ
ASSC76	101000	391000	WW Trans Equipment	B01	Utility Plant Original Cost	A392	Transportation Equip	A3917	WW Transportation Equip
ASSC76	101000	391100	WW Trans Equip Lt Dty Trk	B01	Utility Plant Original Cost	A392	Transportation Equip	A3917	WW Transportation Equip
ASSC76	101000	391200	WW Trans Equip Hvy Dty Tr	B01	Utility Plant Original Cost	A392	Transportation Equip	A3917	WW Transportation Equip
ASSC76	101000	392000	WW Stores Equipment	B01	Utility Plant Original Cost	A393	Stores Equipment	A3927	WW Stores Equip
ASSC76	101000	393000	WW Tool Shop & Garage Equ	B01	Utility Plant Original Cost	A394	Tools, Shop, Garage Equip	A3937	WW Tools,Shop,Garage Equi
ASSC76	101000	394000	WW Laboratory Equipment	B01	Utility Plant Original Cost	A395	Laboratory Equipment	A3947	WW Laboratory Equipment
ASSC76	101000	395000	WW Power Operated Equip	B01	Utility Plant Original Cost	A396	Power Oper Equipment	A3957	WW Power Operated Equip
ASSC76	101000	396000	WW Communication Equip	B01	Utility Plant Original Cost	A397	Communication Equip	A3967	WW Communications Equip
ASSC76	101000	397000	WW Misc Equipment	B01	Utility Plant Original Cost	A398	Misc Equipment	A3977	WW Misc Equipment
ASSC76	101000	398000	WW Other Tangible Plant	B01	Utility Plant Original Cost	A399	Other Tangible Property	A3987	WW Other Tangible Propert
ASSC84	101000	301000	Organization	B01	Utility Plant Original Cost	B3011	Organization	B301	Organization
ASSC84	101000	302000	Franchises	B01	Utility Plant Original Cost	B3021	Franchises	B302	Franchises and Consents
ASSC84	101000	302100	Franchises Amortizable	B01	Utility Plant Original Cost	B3021	Franchises	B302	Franchises and Consents
ASSC84	101000	303200	Land & Ld Rights SS	B01	Utility Plant Original Cost	B3032	Land & Land Rights SS	B306	Land and Land Rights
ASSC84	101000	303300	Land & Ld Rights P	B01	Utility Plant Original Cost	B3032	Land & Land Rights SS	B306	Land and Land Rights
ASSC84	101000	303400	Land & Ld Rights WT	B01	Utility Plant Original Cost	B3033	Land & Land Rights WT	B306	Land and Land Rights
ASSC84	101000	303410	Depletable Ld WT	B01	Utility Plant Original Cost	B3033	Land & Land Rights WT	B306	Land and Land Rights
ASSC84	101000	303500	Land & Ld Rights TD	B01	Utility Plant Original Cost	B3034	Land & Land Rights TD	B306	Land and Land Rights
ASSC84	101000	303501	Land TD	B01	Utility Plant Original Cost	B3034	Land & Land Rights TD	B306	Land and Land Rights
ASSC84	101000	303502	Rights of Way TD	B01	Utility Plant Original Cost	B3034	Land & Land Rights TD	B306	Land and Land Rights
ASSC84	101000	303600	Land & Land Rights AG	B01	Utility Plant Original Cost	B3035	Land & Land Rights AG	B306	Land and Land Rights
ASSC84	101000	304100	Struct & Imp SS	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B311	Structures and Improvemen
ASSC84	101000	304101	Struct & Imp SS-Millbury	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B311	Structures and Improvemen
ASSC84	101000	304102	Struct & Imp SS-Free St	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B311	Structures and Improvemen
ASSC84	101000	304103	Struct & Imp SS-Downing	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B311	Structures and Improvemen
ASSC84	101000	304104	Struct & Imp SS-Free St	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B311	Structures and Improvemen
ASSC84	101000	304200	Struct & Imp P	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304201	Struct & Imp Pumps (STL)	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304202	Struct & Imp Pump Booster	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304220	Struct & Imp P MA	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304221	Struct & Imp P MA	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304222	Struct & Imp P MA	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304224	Struct & Imp P MA	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304225	Struct & Imp P MA	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304227	Struct & Imp P MA	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304228	Struct & Imp P MA	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304229	Struct & Imp P MA	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304230	Struct & Imp P MA	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304231	Struct & Imp P MA	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen

Tennessee American Water Company
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GMMCU	GMOBJ	GMSUB	GMDL01	GMR004	GMR00401	GMR021	GMR02101	GMR022	GMR02201
ASSC84	101000	304233	Struct & Imp P MA	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304234	Struct & Imp P MA	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304235	Struct & Imp P MA	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304236	Struct & Imp P MA	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304300	Struct & Imp WT	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304301	Struct & Imp WT Depr Pntn	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304302	Struct & Imp WT Paint	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304310	Struct & Imp WT Wste Hand	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304312	Struct & Imp WT WH Repain	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304320	Struct & Imp WT Nth Plt (	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304321	Struct & Imp WT MA	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304322	Struct & Imp WT MA	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304323	Struct & Imp WT MA	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304324	Struct & Imp WT MA	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304330	Struct & Imp WT Ctrl Plt	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304340	Struct & Imp WT Ctrl Plt	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304350	Struct & Imp WT Sth Plt (	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304360	Struct & Imp WT Meramec (	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304390	Struct & Imp WT Mix & Set	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304391	Struct & Imp WT Pur Bldg	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304392	Struct & Imp WT Wsh Wtr T	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304400	Struct & Imp TD	B01	Utility Plant Original Cost	B3044	Struct & Improve TD	B341	Structures and Improvemen
ASSC84	101000	304410	Struct & Imp TD Spec Cros	B01	Utility Plant Original Cost	B3044	Struct & Improve TD	B341	Structures and Improvemen
ASSC84	101000	304500	Struct & Imp AG	B01	Utility Plant Original Cost	B3045	Struct & Improve AG	B371	Structures and Improvemen
ASSC84	101000	304510	Struct & Imp AG Cap Lease	B01	Utility Plant Original Cost	B3045	Struct & Improve AG	B371	Structures and Improvemen
ASSC84	101000	304515	Struct & Imp AG Wood	B01	Utility Plant Original Cost	B3045	Struct & Improve AG	B371	Structures and Improvemen
ASSC84	101000	304520	Struct & Imp AG Masonry	B01	Utility Plant Original Cost	B3045	Struct & Improve AG	B371	Structures and Improvemen
ASSC84	101000	304600	Struct & Imp Offices	B01	Utility Plant Original Cost	B3045	Struct & Improve AG	B371	Structures and Improvemen
ASSC84	101000	304610	Gen Structures - HVAC	B01	Utility Plant Original Cost	B3045	Struct & Improve AG	B371	Structures and Improvemen
ASSC84	101000	304620	Struct & Imp Leasehold	B01	Utility Plant Original Cost	B3045	Struct & Improve AG	B371	Structures and Improvemen
ASSC84	101000	304621	Struct & Imp Leasehold	B01	Utility Plant Original Cost	B3045	Struct & Improve AG	B371	Structures and Improvemen
ASSC84	101000	304700	Struct & Imp Store,Shop,G	B01	Utility Plant Original Cost	B3045	Struct & Improve AG	B371	Structures and Improvemen
ASSC84	101000	304800	Struct & Imp Misc	B01	Utility Plant Original Cost	B3045	Struct & Improve AG	B371	Structures and Improvemen
ASSC84	101000	305000	Collect & Impounding	B01	Utility Plant Original Cost	B3052	Collecting & Impounding	B312	Collecting and Impounding
ASSC84	101000	306000	Lake, River & Other Intak	B01	Utility Plant Original Cost	B3062	Lake, River & Other Intak	B313	Lake, River and Other Int
ASSC84	101000	306001	Intakes Leased	B01	Utility Plant Original Cost	B3062	Lake, River & Other Intak	B313	Lake, River and Other Int
ASSC84	101000	307000	Wells & Springs	B01	Utility Plant Original Cost	B3072	Wells & Springs	B315	Wells
ASSC84	101000	307001	Wells & Springs MA	B01	Utility Plant Original Cost	B3072	Wells & Springs	B315	Wells
ASSC84	101000	307002	Wells & Springs MA	B01	Utility Plant Original Cost	B3072	Wells & Springs	B315	Wells
ASSC84	101000	307003	Wells & Springs MA	B01	Utility Plant Original Cost	B3072	Wells & Springs	B315	Wells
ASSC84	101000	307004	Wells & Springs MA	B01	Utility Plant Original Cost	B3072	Wells & Springs	B315	Wells
ASSC84	101000	307005	Wells & Springs MA	B01	Utility Plant Original Cost	B3072	Wells & Springs	B315	Wells
ASSC84	101000	307006	Wells & Springs MA	B01	Utility Plant Original Cost	B3072	Wells & Springs	B315	Wells
ASSC84	101000	307007	Wells & Springs MA	B01	Utility Plant Original Cost	B3072	Wells & Springs	B315	Wells
ASSC84	101000	307008	Wells & Springs MA	B01	Utility Plant Original Cost	B3072	Wells & Springs	B315	Wells
ASSC84	101000	307010	Wells & Springs MA	B01	Utility Plant Original Cost	B3072	Wells & Springs	B315	Wells
ASSC84	101000	307011	Wells & Springs MA	B01	Utility Plant Original Cost	B3072	Wells & Springs	B315	Wells
ASSC84	101000	307012	Wells & Springs MA	B01	Utility Plant Original Cost	B3072	Wells & Springs	B315	Wells
ASSC84	101000	307013	Wells & Springs MA	B01	Utility Plant Original Cost	B3072	Wells & Springs	B315	Wells
ASSC84	101000	307014	Wells & Springs MA	B01	Utility Plant Original Cost	B3072	Wells & Springs	B315	Wells
ASSC84	101000	307016	Wells & Springs MA	B01	Utility Plant Original Cost	B3072	Wells & Springs	B315	Wells
ASSC84	101000	307200	Wells Only (LI)	B01	Utility Plant Original Cost	B3072	Wells & Springs	B315	Wells
ASSC84	101000	308000	Infiltration Galleries &	B01	Utility Plant Original Cost	B3082	Infilt Galleries & Tunnel	B314	Springs and Tunnels
ASSC84	101000	309000	Supply Mains	B01	Utility Plant Original Cost	B3092	Supply Mains	B316	Supply Mains
ASSC84	101000	309100	Supply Mains Nth Plt (STL	B01	Utility Plant Original Cost	B3092	Supply Mains	B316	Supply Mains
ASSC84	101000	309200	Supply Mains Ctrl Plt (ST	B01	Utility Plant Original Cost	B3092	Supply Mains	B316	Supply Mains
ASSC84	101000	309300	Supply Mains Sth Plt (STL	B01	Utility Plant Original Cost	B3092	Supply Mains	B316	Supply Mains
ASSC84	101000	309400	Supply Mains Meramec Plt	B01	Utility Plant Original Cost	B3092	Supply Mains	B316	Supply Mains
ASSC84	101000	310000	Power Generation Equip	B01	Utility Plant Original Cost	B3102	Power Generation Equip	B323	Other Power Production Eq
ASSC84	101000	310100	Power Generation Equip Ot	B01	Utility Plant Original Cost	B3102	Power Generation Equip	B323	Other Power Production Eq
ASSC84	101000	310200	Boiler Plant Equipment P	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B322	Boiler Plant Equipment
ASSC84	101000	311100	Pump Equip Steam	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311200	Pump Equip Electric	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311210	Pump Equip Elec Pre46 (ST	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311220	Pump Equip Elec Post46 (S	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311230	Pump Equip Elec Boosters	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311250	Pump Equip Electric TD	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311260	Pump Equip Elec TD <=5HP	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311270	Pump Equip Elec TD >5HP	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311300	Pump Equip Diesel	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311310	Pump Equip Diesel Stratma	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311320	Pump Equip Diesel Ctrl Pl	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311350	Pump Equip Diesel TD	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311400	Pump Equip Hydraulic	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311500	Pump Equip Other	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311501	Pump Equip Other MA	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311502	Pump Equip Other MA	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311503	Pump Equip Other MA	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311504	Pump Equip Other MA	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311507	Pump Equip Other MA	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311508	Pump Equip Other MA	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment

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GMMCU	GMOBJ	GMSUB	GMDL01	GMR004	GMR00401	GMR021	GMR02101	GMR022	GMR02201
ASSC84	101000	311509	Pump Equip Other MA	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311510	Pump Equip Other MA	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311511	Pump Equip Other MA	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311512	Pump Equip Other MA	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311513	Pump Equip Other MA	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311514	Pump Equip Other MA	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311515	Pump Equip Other MA	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311516	Pump Equip Other MA	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311520	Pumping Equipment SS	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311530	Pumping Equipment WT	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B332	Water Treatment Equipment
ASSC84	101000	311540	Pumping Equipment TD	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311550	Pump Equip Other TD	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	320100	WT Equip Non-Media	B01	Utility Plant Original Cost	B3203	Water Treatment Equipment	B332	Water Treatment Equipment
ASSC84	101000	320110	WT Equip Purification (LI	B01	Utility Plant Original Cost	B3203	Water Treatment Equipment	B332	Water Treatment Equipment
ASSC84	101000	320120	WT Equip Non-Med North (S	B01	Utility Plant Original Cost	B3203	Water Treatment Equipment	B332	Water Treatment Equipment
ASSC84	101000	320130	WT Equip Non Media Ctrl 1	B01	Utility Plant Original Cost	B3203	Water Treatment Equipment	B332	Water Treatment Equipment
ASSC84	101000	320140	WT Equip Non Media Ctrl 3	B01	Utility Plant Original Cost	B3203	Water Treatment Equipment	B332	Water Treatment Equipment
ASSC84	101000	320150	WT Equip Non Media Sth (S	B01	Utility Plant Original Cost	B3203	Water Treatment Equipment	B332	Water Treatment Equipment
ASSC84	101000	320160	WT Equip Non Media Mer (S	B01	Utility Plant Original Cost	B3203	Water Treatment Equipment	B332	Water Treatment Equipment
ASSC84	101000	320190	WT Equip Set Basin,Clear	B01	Utility Plant Original Cost	B3203	Water Treatment Equipment	B332	Water Treatment Equipment
ASSC84	101000	320191	WT Equip Filter Plant Pip	B01	Utility Plant Original Cost	B3203	Water Treatment Equipment	B332	Water Treatment Equipment
ASSC84	101000	320192	WT Equip Wash Water Tank	B01	Utility Plant Original Cost	B3203	Water Treatment Equipment	B332	Water Treatment Equipment
ASSC84	101000	320193	WT Equip Chemical Feed (I	B01	Utility Plant Original Cost	B3203	Water Treatment Equipment	B332	Water Treatment Equipment
ASSC84	101000	320200	WT Equip Filter Media	B01	Utility Plant Original Cost	B3203	Water Treatment Equipment	B332	Water Treatment Equipment
ASSC84	101000	320400	WT Equip Waste Handling (	B01	Utility Plant Original Cost	B3203	Water Treatment Equipment	B332	Water Treatment Equipment
ASSC84	101000	320500	WT Equip Pur Sys Lg (PA)	B01	Utility Plant Original Cost	B3203	Water Treatment Equipment	B332	Water Treatment Equipment
ASSC84	101000	320502	WT Equip Pur Sys Lg Repai	B01	Utility Plant Original Cost	B3203	Water Treatment Equipment	B332	Water Treatment Equipment
ASSC84	101000	330000	Dist Reservoirs & Standpi	B01	Utility Plant Original Cost	B3304	Dist Reservoirs & Standpi	B342	Resorviours and Tanks
ASSC84	101000	330002	Dist Res & Stand Orig Pai	B01	Utility Plant Original Cost	B3304	Dist Reservoirs & Standpi	B342	Resorviours and Tanks
ASSC84	101000	330003	Dist Res & Stand Orig Rep	B01	Utility Plant Original Cost	B3304	Dist Reservoirs & Standpi	B342	Resorviours and Tanks
ASSC84	101000	330020	Dist Res & Stand MA	B01	Utility Plant Original Cost	B3304	Dist Reservoirs & Standpi	B342	Resorviours and Tanks
ASSC84	101000	330021	Dist Res & Stand MA	B01	Utility Plant Original Cost	B3304	Dist Reservoirs & Standpi	B342	Resorviours and Tanks
ASSC84	101000	330022	Dist Res & Stand MA	B01	Utility Plant Original Cost	B3304	Dist Reservoirs & Standpi	B342	Resorviours and Tanks
ASSC84	101000	330023	Dist Res & Stand MA	B01	Utility Plant Original Cost	B3304	Dist Reservoirs & Standpi	B342	Resorviours and Tanks
ASSC84	101000	330024	Dist Res & Stand MA	B01	Utility Plant Original Cost	B3304	Dist Reservoirs & Standpi	B342	Resorviours and Tanks
ASSC84	101000	330100	Elevated Tanks & Standpip	B01	Utility Plant Original Cost	B3304	Dist Reservoirs & Standpi	B342	Resorviours and Tanks
ASSC84	101000	330200	Ground Level Facilities	B01	Utility Plant Original Cost	B3304	Dist Reservoirs & Standpi	B342	Resorviours and Tanks
ASSC84	101000	330300	Below Grade Facilities	B01	Utility Plant Original Cost	B3304	Dist Reservoirs & Standpi	B342	Resorviours and Tanks
ASSC84	101000	330400	Clearwell	B01	Utility Plant Original Cost	B3304	Dist Reservoirs & Standpi	B342	Resorviours and Tanks
ASSC84	101000	331001	TD Mains Not Classified b	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331002	TD Mains (CT)	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331003	TD Mains Paving (LI)	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331100	TD Mains 4in & Less	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331101	TD Mains 4in & Less Nth (	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331200	TD Mains 6in to 8in	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331210	TD Mains 6in to 10in (TN)	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331230	TD Mains 6in & Grtr (LI)	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331300	TD Mains 10in to 16in	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331350	TD Mains 12in & Grtr (TN)	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331400	TD Mains 18in & Grtr	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331500	TD Mains Bridgeport (CN)	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331601	TD Mains AC 4in (STL)	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331602	TD Mains CI <10in 1900-28	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331603	TD Mains CI <10in 1929-56	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331604	TD Mains CI <10in 1957-93	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331605	TD Mains CI 12in (STL)	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331606	TD Mains CI 16in (STL)	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331607	TD Mains DI 6in (STL)	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331608	TD Mains DI 12in (STL)	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331609	TD Mains DI 16in (STL)	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331610	TD Mains Galve 1in (STL)	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331611	TD Mains LJ 20in (STL)	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331612	TD Main PL 6-8in (STL)	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331613	TD Main PL 12in (STL)	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331614	TD Main DI 4in (STL)	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331615	TD Mains DI 24in	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331616	TD Main DI 10in (STL)	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	332000	Fire Mains	B01	Utility Plant Original Cost	B3314	TD Mains	B344	Fire Mains
ASSC84	101000	333000	Services	B01	Utility Plant Original Cost	B3334	Services	B345	Services
ASSC84	101000	334100	Meters	B01	Utility Plant Original Cost	B3344	Meters & Meter Installati	B346	Meters
ASSC84	101000	334110	Meters Bronze Case	B01	Utility Plant Original Cost	B3344	Meters & Meter Installati	B346	Meters
ASSC84	101000	334120	Meters Plastic Case	B01	Utility Plant Original Cost	B3344	Meters & Meter Installati	B346	Meters
ASSC84	101000	334130	Meters Other	B01	Utility Plant Original Cost	B3344	Meters & Meter Installati	B346	Meters
ASSC84	101000	334131	Meters Other-Rem Rdr Unts	B01	Utility Plant Original Cost	B3344	Meters & Meter Installati	B346	Meters
ASSC84	101000	334200	Meter Installations	B01	Utility Plant Original Cost	B3344	Meters & Meter Installati	B347	Meter Installations
ASSC84	101000	334201	Meter Installation Other	B01	Utility Plant Original Cost	B3344	Meters & Meter Installati	B347	Meter Installations
ASSC84	101000	334300	Meter Vaults	B01	Utility Plant Original Cost	B3344	Meters & Meter Installati	B346	Meters
ASSC84	101000	335000	Hydrants	B01	Utility Plant Original Cost	B3354	Hydrants	B348	Hydrants
ASSC84	101000	336000	Backflow Prevention Devic	B01	Utility Plant Original Cost	B3334	Services	B345	Services
ASSC84	101000	339100	Other P/E Intangible	B01	Utility Plant Original Cost	B3391	Other Plant & Equip Intan	B303	Other intangible Plant
ASSC84	101000	339200	Other P/E SS	B01	Utility Plant Original Cost	B3392	Other Plant & Equip SS	B317	Other Source of Supply Pl

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GMMCU	GMOBJ	GMSUB	GMDL01	GMR004	GMR00401	GMR021	GMR02101	GMR022	GMR02201
ASSC84	101000	339300	Other P/E WT	B01	Utility Plant Original Cost	B3393	Other Plant & Equip WT	B332	Water Treatment Equipment
ASSC84	101000	339400	Other P/E WT Res Hand Equ	B01	Utility Plant Original Cost	B3393	Other Plant & Equip WT	B332	Water Treatment Equipment
ASSC84	101000	339500	Other P/E TD	B01	Utility Plant Original Cost	B3394	Other Plant & Equip TD	B349	Other Transmission and Di
ASSC84	101000	339600	Other P/E CPS	B01	Utility Plant Original Cost	B3391	Other Plant & Equip Intan	B303	Other intangible Plant
ASSC84	101000	340100	Office Furniture & Equip	B01	Utility Plant Original Cost	B3405	Office Furniture & Equip	B372	Office Furniture and Equi
ASSC84	101000	340200	Comp & Periph Equip	B01	Utility Plant Original Cost	B3405	Office Furniture & Equip	B372	Office Furniture and Equi
ASSC84	101000	340210	Comp & Periph Mainframe	B01	Utility Plant Original Cost	B3405	Office Furniture & Equip	B372	Office Furniture and Equi
ASSC84	101000	340220	Comp & Periph Personal	B01	Utility Plant Original Cost	B3405	Office Furniture & Equip	B372	Office Furniture and Equi
ASSC84	101000	340230	Comp & Periph Other	B01	Utility Plant Original Cost	B3405	Office Furniture & Equip	B372	Office Furniture and Equi
ASSC84	101000	340240	Comp & Periph Capital Lea	B01	Utility Plant Original Cost	B3405	Office Furniture & Equip	B372	Office Furniture and Equi
ASSC84	101000	340300	Computer Software	B01	Utility Plant Original Cost	B3405	Office Furniture & Equip	B372	Office Furniture and Equi
ASSC84	101000	340310	Comp Software Mainframe	B01	Utility Plant Original Cost	B3405	Office Furniture & Equip	B372	Office Furniture and Equi
ASSC84	101000	340315	Comp Software Special Dep	B01	Utility Plant Original Cost	B3405	Office Furniture & Equip	B372	Office Furniture and Equi
ASSC84	101000	340320	Comp Software Personal	B01	Utility Plant Original Cost	B3405	Office Furniture & Equip	B372	Office Furniture and Equi
ASSC84	101000	340325	Comp Software Customized	B01	Utility Plant Original Cost	B3405	Office Furniture & Equip	B372	Office Furniture and Equi
ASSC84	101000	340330	Comp Software Other	B01	Utility Plant Original Cost	B3405	Office Furniture & Equip	B372	Office Furniture and Equi
ASSC84	101000	340400	Data Handling Equipment	B01	Utility Plant Original Cost	B3405	Office Furniture & Equip	B372	Office Furniture and Equi
ASSC84	101000	340500	Other Office Equipment	B01	Utility Plant Original Cost	B3405	Office Furniture & Equip	B372	Office Furniture and Equi
ASSC84	101000	340501	Other Off Equip MA	B01	Utility Plant Original Cost	B3405	Office Furniture & Equip	B372	Office Furniture and Equi
ASSC84	101000	341001	Trans Equip Not Classifie	B01	Utility Plant Original Cost	B3415	Transportation Equip	B373	Transportation Equipment
ASSC84	101000	341100	Trans Equip Lt Duty Trks	B01	Utility Plant Original Cost	B3415	Transportation Equip	B373	Transportation Equipment
ASSC84	101000	341200	Trans Equip Hvy Duty Trks	B01	Utility Plant Original Cost	B3415	Transportation Equip	B373	Transportation Equipment
ASSC84	101000	341300	Trans Equip Autos	B01	Utility Plant Original Cost	B3415	Transportation Equip	B373	Transportation Equipment
ASSC84	101000	341400	Trans Equip Other	B01	Utility Plant Original Cost	B3415	Transportation Equip	B373	Transportation Equipment
ASSC84	101000	342000	Stores Equipment	B01	Utility Plant Original Cost	B3425	Stores Equipment	B374	Stores Equipment
ASSC84	101000	343000	Tools,Shop,Garage Equip	B01	Utility Plant Original Cost	B3435	Tools, Shop, Garage Equip	B378	Tools, Shop and Garage Eq
ASSC84	101000	343100	Tools,Shop,Garage Equip O	B01	Utility Plant Original Cost	B3435	Tools, Shop, Garage Equip	B378	Tools, Shop and Garage Eq
ASSC84	101000	344000	Laboratory Equipment	B01	Utility Plant Original Cost	B3445	Laboratory Equipment	B375	Laboratory Equipment
ASSC84	101000	344100	Laboratory Equip Other	B01	Utility Plant Original Cost	B3445	Laboratory Equipment	B375	Laboratory Equipment
ASSC84	101000	345000	Power Operated Equipment	B01	Utility Plant Original Cost	B3455	Power Operated Equip	B377	Power Operated Equipment
ASSC84	101000	345100	Power Oper Equip Other	B01	Utility Plant Original Cost	B3455	Power Operated Equip	B377	Power Operated Equipment
ASSC84	101000	346000	Comm Equip Not Classified	B01	Utility Plant Original Cost	B3465	Communication Equip	B376	Communication Equipment
ASSC84	101000	346100	Comm Equip Non-Telephone	B01	Utility Plant Original Cost	B3465	Communication Equip	B376	Communication Equipment
ASSC84	101000	346190	Remote Control & Instrume	B01	Utility Plant Original Cost	B3465	Communication Equip	B376	Communication Equipment
ASSC84	101000	346200	Comm Equip Telephone	B01	Utility Plant Original Cost	B3465	Communication Equip	B376	Communication Equipment
ASSC84	101000	346300	Comm Equip Other	B01	Utility Plant Original Cost	B3465	Communication Equip	B376	Communication Equipment
ASSC84	101000	347000	Misc Equipment	B01	Utility Plant Original Cost	B3475	Miscellaneous Equip	B379	Other General Plant
ASSC84	101000	348000	Other Tangible Property	B01	Utility Plant Original Cost	B3485	Other Tangible Plant	B379	Other General Plant
ASSC84	101000	351000	WW Organization	B01	Utility Plant Original Cost	B3511	Organization SWR	B301	Organization
ASSC84	101000	352000	WW Franchises	B01	Utility Plant Original Cost	B3521	Franchises SWR	B302	Franchises and Consents
ASSC84	101000	352200	WW Other Intangible Plt	B01	Utility Plant Original Cost	B3521	Franchises SWR	B303	Other intangible Plant
ASSC84	101000	353200	WW Land & Ld Rights Coll	B01	Utility Plant Original Cost	B3532	Land & Ld Rights Coll SWR	B306	Land and Land Rights
ASSC84	101000	353300	WW Land & Ld Rights SPP	B01	Utility Plant Original Cost	B3533	Land & Ld Rights SPP SWR	B306	Land and Land Rights
ASSC84	101000	353400	WW Land & Ld Rights TDP	B01	Utility Plant Original Cost	B3534	Land & Ld Rights TDP SWR	B306	Land and Land Rights
ASSC84	101000	353500	WW Land & Ld Rights Gen	B01	Utility Plant Original Cost	B3535	Land & Ld Rights Gen SWR	B306	Land and Land Rights
ASSC84	101000	354200	WW Struct & Imp Coll	B01	Utility Plant Original Cost	B3542	Struct & Imp Coll SWR	B311	Structures and Improvemen
ASSC84	101000	354300	WW Struct & Imp SPP	B01	Utility Plant Original Cost	B3543	Struct & Imp SPP SWR	B321	Structures and Improvemen
ASSC84	101000	354400	WW Struct & Imp TDP	B01	Utility Plant Original Cost	B3544	Struct & Imp TDP SWR	B341	Structures and Improvemen
ASSC84	101000	354500	WW Struct & Imp Gen	B01	Utility Plant Original Cost	B3545	Struct & Imp Gen SWR	B371	Structures and Improvemen
ASSC84	101000	354510	WW Struct & Imp Gen Lease	B01	Utility Plant Original Cost	B3545	Struct & Imp Gen SWR	B371	Structures and Improvemen
ASSC84	101000	354515	WW Struct & Imp AG Wood	B01	Utility Plant Original Cost	B3545	Struct & Imp Gen SWR	B371	Structures and Improvemen
ASSC84	101000	354520	WW Struct & Imp AG Masonr	B01	Utility Plant Original Cost	B3545	Struct & Imp Gen SWR	B371	Structures and Improvemen
ASSC84	101000	354530	WW Struct & Imp AG Fencin	B01	Utility Plant Original Cost	B3545	Struct & Imp Gen SWR	B371	Structures and Improvemen
ASSC84	101000	355200	WW Pwr Gen Equip Coll	B01	Utility Plant Original Cost	B3713	Pumping Equipment SWR	B323	Other Power Production Eq
ASSC84	101000	355300	WW Pwr Gen Equip SPP	B01	Utility Plant Original Cost	B3713	Pumping Equipment SWR	B323	Other Power Production Eq
ASSC84	101000	355400	WW Pwr Gen Equip TDP	B01	Utility Plant Original Cost	B3713	Pumping Equipment SWR	B323	Other Power Production Eq
ASSC84	101000	355500	WW Pwr Gen Equip RWTP	B01	Utility Plant Original Cost	B3713	Pumping Equipment SWR	B323	Other Power Production Eq
ASSC84	101000	355600	WW Pwr Gen Equip RWDP	B01	Utility Plant Original Cost	B3713	Pumping Equipment SWR	B323	Other Power Production Eq
ASSC84	101000	360000	WW Collection Sewers Forc	B01	Utility Plant Original Cost	B3602	Collection Sewers Force S	B316	Supply Mains
ASSC84	101000	361100	WW Collecting Mains	B01	Utility Plant Original Cost	B3612	Collection Sewers Gravity	B316	Supply Mains
ASSC84	101000	361101	WW Collecting Mains Other	B01	Utility Plant Original Cost	B3612	Collection Sewers Gravity	B316	Supply Mains
ASSC84	101000	362000	WW Special Coll Struct	B01	Utility Plant Original Cost	B3622	Special Collecting Struct	B311	Structures and Improvemen
ASSC84	101000	363000	WW Services Sewer	B01	Utility Plant Original Cost	B3632	Services SWR	B345	Services
ASSC84	101000	364000	WW Flow Measuring Devices	B01	Utility Plant Original Cost	B3642	Flow Measuring Devices SW	B346	Meters
ASSC84	101000	365000	WW Flow Measuring Install	B01	Utility Plant Original Cost	B3652	Flow Measuring Install SW	B347	Meter Installations
ASSC84	101000	370000	WW Receiving Wells	B01	Utility Plant Original Cost	B3703	Receiving Wells SWR	B315	Wells
ASSC84	101000	371100	WW Pump Equip Elect	B01	Utility Plant Original Cost	B3713	Pumping Equipment SWR	B324	Pumping Equipment
ASSC84	101000	371160	WW Pump Eq Elec <+5HP	B01	Utility Plant Original Cost	B3713	Pumping Equipment SWR	B324	Pumping Equipment
ASSC84	101000	371170	WW Pump Eq Elec >5HP	B01	Utility Plant Original Cost	B3713	Pumping Equipment SWR	B324	Pumping Equipment
ASSC84	101000	371200	WW Pump Equip Oth Pwr	B01	Utility Plant Original Cost	B3713	Pumping Equipment SWR	B324	Pumping Equipment
ASSC84	101000	371300	WW Pump Equip Misc	B01	Utility Plant Original Cost	B3713	Pumping Equipment SWR	B324	Pumping Equipment
ASSC84	101000	380000	WW TD Equipment	B01	Utility Plant Original Cost	B3804	Trmt & Disp Equipment SWR	B349	Other Transmission and Di
ASSC84	101000	380050	WW TD Equip Grit Removal	B01	Utility Plant Original Cost	B3804	Trmt & Disp Equipment SWR	B349	Other Transmission and Di
ASSC84	101000	380100	WW TD Equip Sed Tanks/Acc	B01	Utility Plant Original Cost	B3804	Trmt & Disp Equipment SWR	B349	Other Transmission and Di
ASSC84	101000	380200	WW TD Equip Sldge/Effl Rm	B01	Utility Plant Original Cost	B3804	Trmt & Disp Equipment SWR	B349	Other Transmission and Di
ASSC84	101000	380250	WW TD Equip Sldge Dig Tnk	B01	Utility Plant Original Cost	B3804	Trmt & Disp Equipment SWR	B349	Other Transmission and Di
ASSC84	101000	380300	WW TD Equip Sldge Dry/Fil	B01	Utility Plant Original Cost	B3804	Trmt & Disp Equipment SWR	B349	Other Transmission and Di
ASSC84	101000	380350	WW TD Equip Sec Trmt Filt	B01	Utility Plant Original Cost	B3804	Trmt & Disp Equipment SWR	B349	Other Transmission and Di
ASSC84	101000	380400	WW TD Equip Aux Effl Trmt	B01	Utility Plant Original Cost	B3804	Trmt & Disp Equipment SWR	B349	Other Transmission and Di
ASSC84	101000	380450	WW TD Equip Oth Sew Rem	B01	Utility Plant Original Cost	B3804	Trmt & Disp Equipment SWR	B349	Other Transmission and Di
ASSC84	101000	380500	WW TD Equip Chem Trmt Plt	B01	Utility Plant Original Cost	B3804	Trmt & Disp Equipment SWR	B349	Other Transmission and Di

Tennessee American Water Company
NARUC Master Chart of Accounts

GMMCU	GMOBJ	GMSUB	GMDL01	GMR004	GMR00401	GMR021	GMR02101	GMR022	GMR02201
ASSC84	101000	380600	WW TD Equip Oth Disp	B01	Utility Plant Original Cost	B3804	Trmt & Disp Equipment SWR	B349	Other Transmission and Di
ASSC84	101000	380625	WW TD Equip Gen Trmt	B01	Utility Plant Original Cost	B3804	Trmt & Disp Equipment SWR	B349	Other Transmission and Di
ASSC84	101000	380650	WW TD Equip Influent Lift	B01	Utility Plant Original Cost	B3804	Trmt & Disp Equipment SWR	B349	Other Transmission and Di
ASSC84	101000	381000	WW Plant Sewers	B01	Utility Plant Original Cost	B3814	Plant Sewers SWR	B343	Transmission and Distribu
ASSC84	101000	382000	WW Outfall Sewer Lines	B01	Utility Plant Original Cost	B3824	Outfall Sewer Lines	B343	Transmission and Distribu
ASSC84	101000	389100	WW Oth Plt & Misc Equip I	B01	Utility Plant Original Cost	B3891	Oth Plnt & Misc Equip Int	B303	Other intangible Plant
ASSC84	101000	389200	WW Oth Plt & Misc Equip C	B01	Utility Plant Original Cost	B3892	Oth Plnt & Misc Equip Col	B317	Other Source of Supply Pl
ASSC84	101000	389300	WW Oth Plt & Misc Equip S	B01	Utility Plant Original Cost	B3893	Oth Plnt & Misc Equip SPP	B325	Other Pumping Plant
ASSC84	101000	389400	WW Oth Plt & Misc Equip T	B01	Utility Plant Original Cost	B3894	Oth Plnt & Misc Equip TDP	B349	Other Transmission and Di
ASSC84	101000	389600	WW Other P/E-CPS	B01	Utility Plant Original Cost	B3891	Oth Plnt & Misc Equip Int	B303	Other intangible Plant
ASSC84	101000	390000	WW Office Furniture & Equ	B01	Utility Plant Original Cost	B3905	Other Furn & Equipment SW	B372	Office Furniture and Equi
ASSC84	101000	390200	WW Computers & Peripheral	B01	Utility Plant Original Cost	B3905	Other Furn & Equipment SW	B372	Office Furniture and Equi
ASSC84	101000	390300	WW Computer Software	B01	Utility Plant Original Cost	B3905	Other Furn & Equipment SW	B372	Office Furniture and Equi
ASSC84	101000	391000	WW Trans Equipment	B01	Utility Plant Original Cost	B3915	Transportation Equip SWR	B373	Transportation Equipment
ASSC84	101000	391100	WW Trans Equip Lt Dty Trk	B01	Utility Plant Original Cost	B3915	Transportation Equip SWR	B373	Transportation Equipment
ASSC84	101000	391200	WW Trans Equip Hvy Dty Tr	B01	Utility Plant Original Cost	B3915	Transportation Equip SWR	B373	Transportation Equipment
ASSC84	101000	392000	WW Stores Equipment	B01	Utility Plant Original Cost	B3925	Stores Equipment SWR	B374	Stores Equipment
ASSC84	101000	393000	WW Tool Shop & Garage Equ	B01	Utility Plant Original Cost	B3935	Tools, Shop, Garage Equip	B378	Tools, Shop and Garage Eq
ASSC84	101000	394000	WW Laboratory Equipment	B01	Utility Plant Original Cost	B3945	Laboratory Equipment SWR	B375	Laboratory Equipment
ASSC84	101000	395000	WW Power Operated Equip	B01	Utility Plant Original Cost	B3955	Power Operated Equip SWR	B377	Power Operated Equipment
ASSC84	101000	396000	WW Communication Equip	B01	Utility Plant Original Cost	B3965	Communication Equip SWR	B376	Communication Equipment
ASSC84	101000	397000	WW Misc Equipment	B01	Utility Plant Original Cost	B3975	Miscellaneous Equip SWR	B379	Other General Plant
ASSC84	101000	398000	WW Other Tangible Plant	B01	Utility Plant Original Cost	B3985	Other Tangible Plant SWR	B390	Other Tangible Property

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 15-00111
SECOND DISCOVERY SET OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Brent O'Neill

Question: 02-007

Refer to the Company's reply to CPAD Data Request Item 1-7 regarding the source data for the 2015 projected capital expenditures included on the "WKP 2015 SCEP" tab of the Company's filing. The Company's reply to CPAD 1-7 appears to be non-responsive in particular because the source data was not provided. Please provide the source and support – including all workpapers – for the projected capital expenditures and non-investor supplied funds included on the "WKP 2015 SCEP" tab of the electronic spreadsheet of the Company's filing.

Response:

As indicated in response to Item 1-7 of the CAPD's First Discovery Request, Tennessee American Water goes through a several stage process to develop the forecast that is presented in the WKP 2015 SCEP.

Attached please find the five year actual spend from 2009 to 2013, marked as TAW_R_CAPDDR2_NUM007_Attachment 1.xlsx that was used during the first step as referenced in the Item 1-7. In addition, please find actual spend for the two year period of 2012 and 2013, marked as TAW_R_CAPDDR2_NUM007_Attachment 2.xlsx, that was used during the first step as well.

The budget line managers used this information as reference material as they entered the second step of the budget process. During this step each budget line manager reviews of the needs based on the activity or work that is expected 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 is used to populate the Recurring Project Spreadsheet that was identified as the third step in the response to CPAD 1-7. Attached please find the RP Spreadsheet TN 2015-2016, marked as TAW_R_CAPDDR2_NUM007_Attachment 3.xlsx, that was developed during the third step to support the creation of the 2015 SCEP. This spreadsheet provides a listing of each budget line with a listing of proposed projects or the proposed activity level that was developed by each budget line manager.

The three attachments are all of the source and support for the projected capital expenditures for the recurring projects on the "WKP 2015 SCEP" tab of the Company's electronic filing, including all workpapers. The only Investment Project reflected on the 2015 SCEP was the Citico Wastewater Improvement Project. This project was discussed at length in Docket No. 14-

00121 in testimony, discovery requests and cross-examination of witnesses. The justification document from powerplant, reflecting the costs and estimates, is also attached in response to this Item.

Average Spend for 2009 through 2013							
Project		Actual 2009	Actual 2010	Actual 2011	Actual 2012	Actual 2013	Average 5 Year Average
CAPRPA	Mains - New	$41,711	$8,734	$14,067	$116,244	$230,419	$82,235
CAPRPB	Mains - Replaced / Restored	$431,207	$343,150	$1,873,592	$1,634,094	$2,320,998	$1,320,608
CAPRPC	Mains - Unscheduled	$263,458	$118,208	$306,947	$745,027	$231,431	$333,014
CAPRPD	Mains - Relocated	$252,999	$229,988	$477,561	$1,484,031	$1,493,035	$787,523
CAPRPE	Hydrants, Valves, and Manholes-New	$9,048	$50,047	$16,488	$24,581	$32,977	$26,628
CAPRPF	Hydrants, Valves, and Manholes-Rep	$67,249	$96,585	$144,020	$1,256,281	$331,075	$379,042
CAPRPG	Services and Laterals - New	$867,707	$715,505	$545,133	$415,993	$435,201	$595,908
CAPRPH	Services and Laterals - Replaced	$81,653	$77,625	$219,605	$582,378	$552,634	$302,779
CAPRPI	Meters - New	$606,516	$450,276	$377,300	$683,823	$497,794	$523,142
CAPRPJ	Meters - Replaced	$531,887	$516,381	$661,523	$1,473,626	$638,268	$764,337
CAPRPK	ITS Equipment and Systems	$44,207	$15,890	$363,493	$370,403	$129,608	$184,720
CAPRPL	SCADA Equipment and Systems	$33,980	$31,882	$70,000	$33,833	$465,978	$127,135
CAPRPM	Security Equipment and Systems	$28,608	$20,194	$173,166	$98,186	$90,355	$82,102
CAPRPN	Offices and Operations Centers	$5,875	$0	$91,979	$58,798	$266,583	$84,647
CAPRPO	Vehicles	$153,362	$0	$505,622	$29,674	$1,381,999	$414,131
CAPRPP	Tools and Equipment	$0	$47,142	$73,320	$122,944	$100,283	$68,738
CAPRPQ	Process Plant - Facilities and Equi	$454,276	$354,026	$1,209,893	$1,484,406	$1,319,428	$964,406
CAPRPR	Capitalized Tank Rehabilitation / P	$5,659	$0	$494,499	$851,586	$247,616	$319,872
CAPRPS	Engineering Studies	$0	$6,126	($375)	($375)	$68,021	$14,679

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. 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.

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, as 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 CATEGORIES (A thru S)			
NOTE: All RP categories are set up for ownership and accountability purposes, and not by asset type. For example, if a new main is being installed under Line Item A, the valves and hydrants being installed on that project can also be budgeted under Line Item A and should not be put under Line Item E.			
Line Item	**Category**	***** Work Order Maximum Amount**	**Additional Explanation**
A	Mains - New	$500,000	New main extensions not funded via Advances.
B	Mains - Replaced / Restored	$1,500,000	Replacement or restoration of existing mains.
C	Mains - Unscheduled	$1,000,000	Capitalized main repairs where 1 foot or more of existing pipe is replaced (can only include emergency work which cannot be scheduled or anticipated in advance).
D	Mains - Relocated	$1,500,000	Relocation of existing mains.
E	Hydrants, Valves, and Manholes - New	$250,000	For individual installations that are not part of a main project.
F	Hydrants, Valves, and Manholes - Replaced	$250,000	For individual installations that are not part of a main project.
G	Services and Laterals - New	$250,000	For individual installations that are not part of a main project.
H	Services and Laterals - Replaced	$250,000	For individual installations that are not part of a main project.
I	Meters - New	$250,000	
J	Meters - Replaced	$250,000	
K	ITS Equipment and Systems	$500,000	Both new and replacement.
L	SCADA Equipment and Systems	$250,000	Both new and replacement.
M	Security Equipment and Systems	$250,000	Both new and replacement.
N	Offices and Operations Centers	$250,000	Both new and replacement.
O	Vehicles	$250,000	Both new and replacement.
P	Tools and Equipment	$250,000	Both new and replacement.
Q	Process Plant Facilities and Equipment	$250,000	Both new and replacement.
		$1,500,000	For filter media replacement ONLY.
R	Capitalized Tank Rehabilitation / Painting	$250,000	Where allowable per State utility commission approval.
		$1,500,000	For tank painting ONLY.
S	Engineering Studies	$250,000	For both Comprehensive Planning Studies as well as individual projects which need additional planning prior to request for release of initial funds. Non-CPS costs to either be transferred into the ultimate project or written off and expensed.
		***** Does Not Apply to Blanket Work Orders**	

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			2016			2017			2018			2019		
	26-Tennessee	2015	Total Qty	Avg Unit Cost	Total Cost	Total Qty	Avg Unit Cost	Total Cost	Total Qty	Avg Unit Cost	Total Cost	Total Qty	Avg Unit Cost	Total Cost	Total Qty	Avg Unit Cost	Total Cost
TOTAL	Priority A				$6,256,903			$4,670,400			$1,120,000			$920,000			$920,000
	Priority B				$933,097			$909,896			$193,932			$64,475			$308,110
	Priority C				$2,180,000			$2,599,963			$33,000			$22,000			$33,000
	Total				**$9,369,999**			**$8,180,260**			**$1,346,932**			**$1,006,475**			**$1,261,110**
A	Priority A		0	$0	$0	0	$0	$0	0	$0	$0	0	$0	$0	0	$0	$0
	Priority B		0	$0	$0	0	$0	$0	0	$0	$0	0	$0	$0	0	$0	$0
	Priority C		950	$100	$95,000	760	$125	$95,000	0	$0	$0	0	$0	$0	0	$0	$0
	Total		**950**	**$100**	**$95,000**	**760**	**$125**	**$95,000**	**0**	**$0**	**$0**	**0**	**$0**	**$0**	**0**	**$0**	**$0**
B	Priority A		0	$0	$0	0	$0	$0	0	$0	$0	0	$0	$0	0	$0	$0
	Priority B		1,800	$110	$198,000	0	$0	$0	0	$0	$0	0	$0	$0	0	$0	$0
	Priority C		11,357	$115	$1,302,000	15,900	$126	$2,000,000	0	$0	$0	0	$0	$0	0	$0	$0
	Total		**13,157**	**$114**	**$1,500,000**	**15,900**	**$126**	**$2,000,000**	**0**	**$0**	**$0**	**0**	**$0**	**$0**	**0**	**$0**	**$0**
C	Priority A				$800,000			$800,000			$1,000,000			$800,000			$800,000
	Priority B - N/A																
	Priority C - N/A																
	Total				**$800,000**			**$800,000**			**$1,000,000**			**$800,000**			**$800,000**
D	Priority A		0	$0	$0	0	$0	$0	0	$0	$0	0	$0	$0	0	$0	$0
	Priority B		0	$0	$0	0	$0	$0	0	$0	$0	0	$0	$0	0	$0	$0
	Priority C		2,800	$125	$350,000	2,800	$0	$0	0	$0	$0	0	$0	$0	0	$0	$0
	Total		**2,800**	**$125**	**$350,000**	**2,800**	**$0**	**$0**	**0**	**$0**	**$0**	**0**	**$0**	**$0**	**0**	**$0**	**$0**
E	Priority A		0	$0	$0	0	$0	$0	0	$0	$0	0	$0	$0	0	$0	$0
	Priority B		0	$0	$0	0	$0	$0	0	$0	$0	0	$0	$0	0	$0	$0
	Priority C		21	$2,286	$48,000	23	$2,174	$50,000	0	$0	$0	0	$0	$0	0	$0	$0
	Total		**21**	**$2,286**	**$48,000**	**23**	**$2,174**	**$50,000**	**0**	**$0**	**$0**	**0**	**$0**	**$0**	**0**	**$0**	**$0**
F	Priority A		36	$7,083	$255,000	31	$5,161	$160,000	0	$0	$0	0	$0	$0	0	$0	$0
	Priority B		13	$9,231	$120,000	18	$11,944	$215,000	0	$0	$0	0	$0	$0	0	$0	$0
	Priority C		0	$0	$0	0	$0	$0	0	$0	$0	0	$0	$0	0	$0	$0
	Total		**49**	**$7,653**	**$375,000**	**49**	**$7,653**	**$375,000**	**0**	**$0**	**$0**	**0**	**$0**	**$0**	**0**	**$0**	**$0**
G	Priority A		360	$1,333	$480,000	360	$1,333	$480,000	0	$0	$0	0	$0	$0	0	$0	$0
	Priority B		0	$0	$0	0	$0	$0	0	$0	$0	0	$0	$0	0	$0	$0
	Priority C		0	$0	$0	0	$0	$0	0	$0	$0	0	$0	$0	0	$0	$0
	Total		**360**	**$1,333**	**$480,000**	**360**	**$1,333**	**$480,000**	**0**	**$0**	**$0**	**0**	**$0**	**$0**	**0**	**$0**	**$0**
H	Priority A		119	$2,101	$250,000	119	$2,101	$250,000	0	$0	$0	0	$0	$0	0	$0	$0
	Priority B		0	$0	$0	0	$0	$0	0	$0	$0	0	$0	$0	0	$0	$0
	Priority C		0	$0	$0	0	$0	$0	0	$0	$0	0	$0	$0	0	$0	$0
	Total		**119**	**$2,101**	**$250,000**	**119**	**$2,101**	**$250,000**	**0**	**$0**	**$0**	**0**	**$0**	**$0**	**0**	**$0**	**$0**
I	Priority A		678	$767	$520,000	738	$779	$575,000	0	$0	$0	0	$0	$0	0	$0	$0
	Priority B		0	$0	$0	0	$0	$0	0	$0	$0	0	$0	$0	0	$0	$0
	Priority C		0	$0	$0	0	$0	$0	0	$0	$0	0	$0	$0	0	$0	$0
	Total		**678**	**$767**	**$520,000**	**738**	**$779**	**$575,000**	**0**	**$0**	**$0**	**0**	**$0**	**$0**	**0**	**$0**	**$0**
J	Priority A		5,208	$139	$725,000	5,208	$139	$725,000	0	$0	$0	0	$0	$0	0	$0	$0
	Priority B		0	$0	$0	0	$0	$0	0	$0	$0	0	$0	$0	0	$0	$0
	Priority C		0	$0	$0	0	$0	$0	0	$0	$0	0	$0	$0	0	$0	$0
	Total		**5,208**	**$139**	**$725,000**	**5,208**	**$139**	**$725,000**	**0**	**$0**	**$0**	**0**	**$0**	**$0**	**0**	**$0**	**$0**
K	Priority A				$0			$0			$0			$0			$0
	Priority B				$220,797			$94,259			$193,932			$64,475			$308,110
	Priority C				$0			$11,000			$33,000			$22,000			$33,000
	Total				**$220,797**			**$105,259**			**$226,932**			**$86,475**			**$341,110**
L	Priority A				$170,000			$175,000			$0			$0			$0
	Priority B				$0			$0			$0			$0			$0
	Priority C				$15,000			$10,000			$0			$0			$0
	Total				**$185,000**			**$185,000**			**$0**			**$0**			**$0**
M	Priority A				$190,000			$60,000			$120,000			$120,000			$120,000
	Priority B				$0			$60,000			$0			$0			$0
	Priority C				$0			$0			$0			$0			$0
	Total				**$190,000**			**$120,000**			**$120,000**			**$120,000**			**$120,000**
N	Priority A				$0			$0			$0			$0			$0
	Priority B				$25,000			$25,000			$0			$0			$0
	Priority C				$0			$0			$0			$0			$0
	Total				**$25,000**			**$25,000**			**$0**			**$0**			**$0**
O	Priority A				$30,000			$60,000			$0			$0			$0
	Priority B				$0			$0			$0			$0			$0
	Priority C				$370,000			$340,000			$0			$0			$0
	Total				**$400,000**			**$400,000**			**$0**			**$0**			**$0**
P	Priority A				$33,000			$30,400			$0			$0			$0
	Priority B				$7,000			$0			$0			$0			$0
	Priority C				$0			$9,600			$0			$0			$0
	Total				**$40,000**			**$40,000**			**$0**			**$0**			**$0**
Q	Priority A				$2,268,903			$1,320,000			$0			$0			$0
	Priority B				$362,300			$515,637			$0			$0			$0
	Priority C				$0			$84,363			$0			$0			$0
	Total				**$2,631,203**			**$1,920,000**			**$0**			**$0**			**$0**
R	Priority A				$500,000			$0			$0			$0			$0
	Priority B				$0			$0			$0			$0			$0
	Priority C				$0			$0			$0			$0			$0
	Total				**$500,000**			**$0**			**$0**			**$0**			**$0**
S	Priority A				$35,000			$35,000			$0			$0			$0
	Priority B				$0			$0			$0			$0			$0
	Priority C				$0			$0			$0			$0			$0
	Total				**$35,000**			**$35,000**			**$0**			**$0**			**$0**

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**	**$120,000**	**$120,000**	**$120,000**
2602-TN-Chattanooga		**$8,736,599**	**$7,629,259**	**$1,126,932**	**$836,475**	**$1,091,110**
2603-TN-Suck Creek		**$30,000**	**$40,000**	**$0**	**$0**	**$0**
2604-TN-Lone Oak		**$0**	**$0**	**$0**	**$0**	**$0**
2605-TN-Sequatchie Valley		**$603,400**	**$511,000**	**$100,000**	**$50,000**	**$50,000**
0		**$0**	**$0**	**$0**	**$0**	**$0**
0		**$0**	**$0**	**$0**	**$0**	**$0**
0						
0						

MAINS - NEW				CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	2015 TOTAL QTY	2015 AVG UNIT COST	2015 TOTAL COST	2016 TOTAL QTY	2016 AVG UNIT COST	2016 TOTAL COST
Operating Unit	26-Tennessee			**Budget**	$95,000	Priority A	0	$0	$0	0	$0	$0
Current Bus. Plan Year	2015	**A**		**Budget Reserve**	$0	Priority B	0	$0	$0	0	$0	$0
Date Prepared	June 26, 2014			**Total Budget**	**$95,000**	Priority C	950	$100	$95,000	760	$125	$95,000
Budget Level	Project			**Overprogram**	$0	**Total**	**950**	**$100**	**$95,000**	**760**	**$125**	**$95,000**
PROJECT INFORMATION							**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**	**Predominant Pipe Dia. (inches)**	**Estimated No. of Services**	**Justification**	**Priority**	**Estimated Quantity (feet)**	**Estimated Unit Cost ($/foot)**	**Estimated Cost (dollars)**	**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	760	$125.00	$95,000
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	-	$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

2017			2018			2019						
TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST				
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**	**$0**				
UNITS	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**COMMENTS**	**SUBTOTAL BY DISTRICT**	**2015**	
Estimated Quantity (feet)	**Estimated Unit Cost ($/foot)**	**Estimated Cost (dollars)**	**Estimated Quantity (feet)**	**Estimated Unit Cost ($/foot)**	**Estimated Cost (dollars)**	**Estimated Quantity (feet)**	**Estimated Unit Cost ($/foot)**	**Estimated Cost (dollars)**	**As Needed (Optional)**	**District**	**Estimated Quantity (feet)**	**Estimated Cost (dollars)**
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2600-TN-Cap Growth Budget	-	$0
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2601-TN-Corporate	-	$0
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2602-TN-Chattanooga	-	$0
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2603-TN-Suck Creek	-	$0
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2604-TN-Lone Oak	-	$0
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2605-TN-Sequatchie Valley	950	$95,000
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		

MAINS - REPLACED / RESTORED			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	2015 TOTAL QTY	2015 AVG UNIT COST	2015 TOTAL COST	2015 REPL RATE	2016 TOTAL QTY	2016 AVG UNIT COST
Operating Unit	26-Tennessee	**B**	**Budget**	$1,320,000	Priority A	0	$0	$0		0	$0
Business Plan Year	2015		**Budget Reserve**	$180,000	Priority B	1,800	$110	$198,000		0	$0
Date Prepared	June 26, 2014		**Total Budget**	**$1,500,000**	Priority C	11,357	$115	$1,302,000		15,900	$126
Budget Level	District		**Overprogram**	$0	**Total**	**13,157**	**$114**	**$1,500,000**	**0.0001**	**15,900**	**$126**

PROJECT INFORMATION								UNITS	UNIT COST	PROJ. COST	REPL RATE	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 ($/foot)**	**Estimated Cost (dollars)**	**Replacement Rate (%)**	**Estimated Quantity (feet)**	**Estimated Unit Cost ($/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	$115,200	0.00017		
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	$58,850	0.00008		
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	$165,050	0.00022		
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	$198,000	0.00027		
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	$144,000	0.00018		
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	$96,000	0.00012		
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	$195,500	0.00025		
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	$207,000	0.00027		
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	$84,000	0.00010		
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	$96,000	0.00012		
2605-TN-Sequatchie Valley	Budget				8	Proactive replacement based on performance of similar cohorts	Priority C	500	$120.00	$60,000			
2605-TN-Sequatchie Valley	Budget				7	Proactive replacement based on performance of similar cohorts	Priority C	670	$120.00	$80,400			
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	33	Proactive replacement based on performance of similar cohorts	Priority C	-	$0.00	$0	0.00000	2200	$128.64
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	40	Proactive replacement based on performance of similar cohorts	Priority C	-	$0.00	$0	0.00000	2600	$120.00
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	10	Proactive replacement based on performance of similar cohorts	Priority C	-	$0.00	$0	0.00000	300	$130.00
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	36	Proactive replacement based on performance of similar cohorts	Priority C	-	$0.00	$0	0.00000	2000	$120.00
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	28	Proactive replacement based on performance of similar cohorts	Priority C	-	$0.00	$0	0.00000	1800	$120.00
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	13	Proactive replacement based on performance of similar cohorts	Priority C	-	$0.00	$0	0.00000	1000	$130.00
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	20	Proactive replacement based on performance of similar cohorts	Priority C	-	$0.00	$0	0.00000	600	$130.00
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	12	Proactive replacement based on performance of similar cohorts	Priority C	-	$0.00	$0	0.00000	1,000	$130.00
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	30	Proactive replacement based on performance of similar cohorts	Priority C	-	$0.00	$0	0.00000	1,300	$130.00
2602-TN-Chattanooga	Budget	6,711,408	0.36	0.69	50	Proactive replacement based on performance of similar cohorts	Priority C	-	$0.00	$0	0.00000	1,300	$130.00
2602-TN-Chattanooga	Overprogram	6,711,408	0.36	0.69	22	Proactive replacement based on performance of similar cohorts	Priority C	-	$0.00	$0	0.00000	1,400	$130.00
2605-TN-Sequatchie Valley	Budget				20	Proactive replacement based on performance of similar cohorts	Priority C	-	$0.00	$0		1,000	$130.00
2605-TN-Sequatchie Valley	Budget				5	Proactive replacement based on performance of similar cohorts	Priority C	-	$0.00	$0		350	$130.00
2605-TN-Sequatchie Valley	Budget				5	Proactive replacement based on performance of similar cohorts	Priority C	-	$0.00	$0		450	$130.00
								-	$0.00	$0		-	$0.00
								-	$0.00	$0		-	$0.00

TOTAL COST	2017 TOTAL QTY	2017 AVG UNIT COST	2017 TOTAL COST	2018 TOTAL QTY	2018 AVG UNIT COST	2018 TOTAL COST	2019 TOTAL QTY	2019 AVG UNIT COST	2019 TOTAL COST			
$0	0	$0	$0	0	$0	$0	0	$0	$0			
$0	0	$0	$0	0	$0	$0	0	$0	$0			
$2,000,000	0	$0	$0	0	$0	$0	0	$0	$0			
$2,000,000	**0**	**$0**	**$0**	**0**	**$0**	**$0**	**0**	**$0**	**$0**			
PROJ. COST	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**POTENTIAL FOR REHABILITATION / COMMENTS**	**SUBTOTAL BY DISTRICT**	**2015**	
Estimated Cost (dollars)	**Estimated Quantity (feet)**	**Estimated Unit Cost ($/foot)**	**Estimated Cost (dollars)**	**Estimated Quantity (feet)**	**Estimated Unit Cost ($/foot)**	**Estimated Cost (dollars)**	**Estimated Quantity (feet)**	**Estimated Unit Cost ($/foot)**	**Estimated Cost (dollars)**	**As Required**	**District**	**Estimated Quantity (feet)**	**Estimated Cost (dollars)**
	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	Rosemill Dr (8" DI pipe from Clays Mill Rd. to Mitchell Ave.)	2600-TN-Cap Growth Budget	-	$0
	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	S. Martin Luther King Blvd. (8" DI pipe from Ave. of Champions to Rodes Ave.)	2601-TN-Corporate	-	$0
	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	Alyesford Place (8" DI pipe from Rose Ln. to E. Maxwell St.)	2602-TN-Chattanooga	11,987	$1,359,600
	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	Owenton Phase 2 - E. Adair St. (8" DI pipe from Main St. to Horizon Cir.)	2603-TN-Suck Creek	-	$0
	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	Owenton Phase 3 - Main St. (8" DI pipe from E. Adair St. to Blanton St.)	2604-TN-Lone Oak	-	$0
	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	N. Limestone St. (12" DI pipe from Church St. to E. 6th St.)	2605-TN-Sequatchie Valley	1,170	$140,400
	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	E. 6th St. (8" DI pipe from Broadway to Pemberton Ave.)	0		
	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	Old Richmond Rd. (6" DI pipe from 7641 Old Richmond Rd. to Durbin Ln.)	0		
	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	Burton Rd. (6" DI pipe from 578 Burton Rd to 1457 Burton Rd.)	0		
	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	Newton Pike (8" DI pipe from Loudon Ave. to Charles Ave.)	0		
	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	Owenton Phase 4 - Blanton Street (8" DI pipe from Main St to E. Adair St.)	0		
	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	Ford Hampton Phase 1 - Waterworks Road (6" DI pipe Becknerville Rd to 2369 Waterworks Rd	0		
$283,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	Ford Hampton Phase 2 - Waterworks Road to Quisenberry Rd. (6" DI pipe)	0		
$312,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	Ford Hampton Phase 3 - (6" DI pipe from Quisenberry Rd. and Boonesboro Rd)	0		
$39,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	Ford Hampton Phase 4 - (4" DI pipe along Boonesboro Rd)	0		
$240,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
$216,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
$130,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
$78,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
$130,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
$169,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
$169,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
$182,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
$130,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
$45,500	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
$58,500	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		

MAINS - UNSCHEDULED			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	2015 TOTAL COST	2016 TOTAL COST	2017 TOTAL COST	2018 TOTAL COST	2019 TOTAL COST
Operating Unit	26-Tennessee	**C**	**Budget**	$800,000	Priority A	$800,000	$800,000	$1,000,000	$800,000	$800,000
Business Plan Year	2015		**Budget Reserve**	$0						
Date Prepared	June 26, 2014		**Total Budget**	**$800,000**						
Budget Level	District				**Total**	**$800,000**	**$800,000**	**$1,000,000**	**$800,000**	**$800,000**
PROJECT INFORMATION						**2015**	**2016**	**2017**	**2018**	**2019**
Profit Center	**Budget Budget Reserve**	**Line C Actual 2011 (dollars)**	**Line C Actual 2012 (dollars)**	**Line C Actual 2013 (dollars)**	**Priority**	**Estimated Cost (dollars)**	**Estimated Cost (dollars)**	**Estimated Cost (dollars)**	**Estimated Cost (dollars)**	**Estimated Cost (dollars)**
2602-TN-Chattanooga	Budget	306,947	547,959	1,404,032	Priority A	$750,000	$750,000	$900,000	$750,000	$750,000
2603-TN-Suck Creek	Budget				Priority A	$0	$0	$0	$0	$0
2604-TN-Lone Oak	Budget				Priority A	$0	$0	$0	$0	$0
2605-TN-Sequatchie Valley	Budget				Priority A	$50,000	$50,000	$100,000	$50,000	$50,000
						$0	$0	$0	$0	$0
						$0	$0	$0	$0	$0

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COMMENTS	**SUBTOTAL BY DISTRICT**	**2015**
As Needed (Optional)	**District**	**Estimated Cost (dollars)**
There has been a move over the past two years to replace main than just repair	2600-TN-Cap Growth Budget	$0
	2601-TN-Corporate	$0
	2602-TN-Chattanooga	$750,000
	2603-TN-Suck Creek	$0
	2604-TN-Lone Oak	$0
	2605-TN-Sequatchie Valley	$50,000

MAINS - RELOCATED				CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	2015 TOTAL QTY	2015 AVG UNIT COST	2015 TOTAL COST	2016 TOTAL QTY	2016 AVG UNIT COST
Operating Unit	26-Tennessee	**D**		**Budget**	$250,000	Priority A	0	$0	$0	0	$0
Business Plan Year	2015			**Budget Reserve**	$100,000	Priority B	0	$0	$0	0	$0
Date Prepared	June 26, 2014			**Total Budget**	**$350,000**	Priority C	2,800	$125	$350,000	2,800	$0
Budget Level	Project			**Overprogram**	$0	**Total**	**2,800**	**$125**	**$350,000**	**2,800**	**$0**
PROJECT INFORMATION							**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**	**Predominant Pipe Dia. (inches)**	**Estimated No. of Services**	**Justification**	**Priority**	**Estimated Quantity (feet)**	**Estimated Unit Cost ($/foot)**	**Estimated Cost (dollars)**	**Estimated Quantity (feet)**	**Estimated Unit Cost ($/foot)**
2602-TN-Chattanooga	Budget	Misc - Chattanooga Road Way Improvements	8"	25	Project is speculative	Priority C	2,000	$125.00	$250,000	2,000	$0.00
2602-TN-Chattanooga	Budget Reserve	Misc. - Tennessee DOT Road Way Improvements	8"	25	Project is speculative	Priority C	800	$125.00	$100,000	800	$0.00
							-	$0.00	$0		$0.00
							-	$0.00	$0	-	$0.00
							-	$0.00	$0	-	$0.00
							-	$0.00	$0	-	$0.00

TOTAL COST	2017 TOTAL QTY	2017 AVG UNIT COST	2017 TOTAL COST	2018 TOTAL QTY	2018 AVG UNIT COST	2018 TOTAL COST	2019 TOTAL QTY	2019 AVG UNIT COST	2019 TOTAL COST				
$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**	**$0**				
PROJ. COST	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**COMMENTS**	**SUBTOTAL BY DISTRICT**	**2015**	
Estimated Cost (dollars)	**Estimated Quantity (feet)**	**Estimated Unit Cost ($/foot)**	**Estimated Cost (dollars)**	**Estimated Quantity (feet)**	**Estimated Unit Cost ($/foot)**	**Estimated Cost (dollars)**	**Estimated Quantity (feet)**	**Estimated Unit Cost ($/foot)**	**Estimated Cost (dollars)**	**As Needed (Optional)**	**District**	**Estimated Quantity (feet)**	**Estimated Cost (dollars)**
$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2600-TN-Cap Growth Budget	-	$0
$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2601-TN-Corporate	-	$0
$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2602-TN-Chattanooga	2,800	$350,000
$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2603-TN-Suck Creek	-	$0
$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2604-TN-Lone Oak	-	$0
$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2605-TN-Sequatchie Valley	-	$0

HYDRANTS, VALVES and MANHOLES - NEW			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	2015 TOTAL QTY	2015 AVG UNIT COST	2015 TOTAL COST	2016 TOTAL QTY	2016 AVG UNIT COST	2016 TOTAL COST	TOTAL QTY
Operating Unit	26-Tennessee	**E**	**Budget**	$48,000	Priority A	0	$0	$0	0	$0	$0	0
Business Plan Year	2015		**Budget Reserve**	$0	Priority B	0	$0	$0	0	$0	$0	0
Date Prepared	June 26, 2014		**Total Budget**	**$48,000**	Priority C	21	$2,286	$48,000	23	$2,174	$50,000	0
Budget Level	District		**Overprogram**	$0	**Total**	**21**	**$2,286**	**$48,000**	**23**	**$2,174**	**$50,000**	**0**
PROJECT INFORMATION						**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**
Profit Center	**Budget Budget Reserve Overprogram**	**Hydrant, Valve OR Manhole**	**Justification**		**Priority**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**
2602-TN-Chattanooga	Budget	Hydrant(s)	Proactive improvement resulting in future improvement to operations		Priority C	12	$3,000.00	$36,000	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	Valve(s)	Proactive improvement resulting in future improvement to operations		Priority C	7	$1,000.00	$7,000	-	$0.00	$0	-
2605-TN-Sequatchie Valley	Budget	Hydrant(s)	Proactive improvement resulting in future improvement to operations		Priority C	2	$2,500.00	$5,000	-	$0.00	$0	-
2605-TN-Sequatchie Valley	Budget	Valve(s)	Proactive improvement resulting in future improvement to operations		Priority C	-	$850.00	$0	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	Hydrant(s)	Proactive improvement resulting in future improvement to operations		Priority C	-	$0.00	$0	13	$3,000.00	$39,000	-
2602-TN-Chattanooga	Budget	Valve(s)	Proactive improvement resulting in future improvement to operations		Priority C	-	$0.00	$0	7	$1,000.00	$7,000	-
2605-TN-Sequatchie Valley	Budget	Hydrant(s)	Proactive improvement resulting in future improvement to operations		Priority C	-	$0.00	$0	1	$2,500.00	$2,500	-
2605-TN-Sequatchie Valley	Budget	Valve(s)	Proactive improvement resulting in future improvement to operations		Priority C	-	$0.00	$0	2	$750.00	$1,500	-

2017		2018			2019						
AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST				
$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**	**$0**				
UNIT COST	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**COMMENTS**	**SUBTOTAL BY DISTRICT**	**2015**	
Estimated Unit Cost ($/unit)	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**As Needed (Optional)**	**District**	**Estimated Quantity (each)**	**Estimated Cost (dollars)**
$0.00	$0	-	$0.00	$0	-	$0.00	$0		2600-TN-Cap Growth Budget	-	$0
$0.00	$0	-	$0.00	$0	-	$0.00	$0		2601-TN-Corporate	-	$0
$0.00	$0	-	$0.00	$0	-	$0.00	$0		2602-TN-Chattanooga	19	$43,000
$0.00	$0	-	$0.00	$0	-	$0.00	$0		2603-TN-Suck Creek	-	$0
$0.00	$0	-	$0.00	$0	-	$0.00	$0		2604-TN-Lone Oak	-	$0
$0.00	$0	-	$0.00	$0	-	$0.00	$0		2605-TN-Sequatchie Valley	2	$5,000
$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		

HYDRANTS, VALVES and MANHOLES - REPLACED			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	2015 TOTAL QTY	2015 AVG UNIT COST	2015 TOTAL COST	2016 TOTAL QTY	2016 AVG UNIT COST	2016 TOTAL COST	TOTAL QTY
Operating Unit	26-Tennessee	**F**	**Budget**	$375,000	Priority A	36	$7,083	$255,000	31	$5,161	$160,000	0
Business Plan Year	2015		**Budget Reserve**	$0	Priority B	13	$9,231	$120,000	18	$11,944	$215,000	0
Date Prepared	June 26, 2014		**Total Budget**	**$375,000**	Priority C	0	$0	$0	0	$0	$0	0
Budget Level	District		**Overprogram**	$0	**Total**	**49**	**$7,653**	**$375,000**	**49**	**$7,653**	**$375,000**	**0**
PROJECT INFORMATION						**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**
Profit Center	**Budget Budget Reserve Overprogram**	**Hydrant, Valve OR Manhole**	**Justification**		**Priority**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**
2602-TN-Chattanooga	Budget	Valve(s)	Physically fails, not repairable, or in imminent danger of failure		Priority A	8	$20,000.00	$160,000	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	Valve(s)	Poor condition and spare parts no longer available		Priority B	5	$20,000.00	$100,000	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	Hydrant(s)	Physically fails, not repairable, or in imminent danger of failure		Priority A	25	$3,000.00	$75,000	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	Hydrant(s)	Poor condition and spare parts no longer available		Priority B	8	$2,500.00	$20,000	-	$0.00	$0	-
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	-	$0.00	$0	-
2605-TN-Sequatchie Valley	Budget	Valve(s)	Poor condition and spare parts no longer available		Priority B		$15,000.00	$0	-	$0.00	$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	-	$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	-
2602-TN-Chattanooga	Budget	Valve(s)	Physically fails, not repairable, or in imminent danger of failure		Priority A	-	$0.00	$0	4	$20,000.00	$80,000	-
2602-TN-Chattanooga	Budget	Valve(s)	Poor condition and spare parts no longer available		Priority B	-	$0.00	$0	9	$20,000.00	$180,000	-
2602-TN-Chattanooga	Budget	Hydrant(s)	Physically fails, not repairable, or in imminent danger of failure		Priority A	-	$0.00	$0	25	$3,000.00	$75,000	-
2602-TN-Chattanooga	Budget	Hydrant(s)	Poor condition and spare parts no longer available		Priority B	-	$0.00	$0	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	-	$0.00	$0		$15,000.00	$0	-
2605-TN-Sequatchie Valley	Budget	Valve(s)	Poor condition and spare parts no longer available		Priority B	-	$0.00	$0	1	$15,000.00	$15,000	-
2605-TN-Sequatchie Valley	Budget	Hydrant(s)	Physically fails, not repairable, or in imminent danger of failure		Priority A	-	$0.00	$0	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	-	$0.00	$0	-

2017		2018			2019						
AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST				
$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**	**$0**				
UNIT COST	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**COMMENTS**	**SUBTOTAL BY DISTRICT**	**2015**	
Estimated Unit Cost ($/unit)	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**As Needed (Optional)**	**District**	**Estimated Quantity (each)**	**Estimated Cost (dollars)**
$0.00	$0	-	$0.00	$0	-	$0.00	$0		2600-TN-Cap Growth Budget	-	$0
$0.00	$0	-	$0.00	$0	-	$0.00	$0		2601-TN-Corporate	-	$0
$0.00	$0	-	$0.00	$0	-	$0.00	$0		2602-TN-Chattanooga	46	$355,000
$0.00	$0	-	$0.00	$0	-	$0.00	$0		2603-TN-Suck Creek	-	$0
$0.00	$0	-	$0.00	$0	-	$0.00	$0		2604-TN-Lone Oak	-	$0
$0.00	$0	-	$0.00	$0	-	$0.00	$0		2605-TN-Sequatchie Valley	3	$20,000
$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		

SERVICES and LATERALS - NEW			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	2015 TOTAL QTY	2015 AVG UNIT COST	2015 TOTAL COST	2016 TOTAL QTY	2016 AVG UNIT COST	2016 TOTAL COST	TOTAL QTY
Operating Unit	26-Tennessee	**G**	**Budget**	$480,000	Priority A	360	$1,333	$480,000	360	$1,333	$480,000	0
Business Plan Year	2015		**Budget Reserve**	$0	Priority B	0	$0	$0	0	$0	$0	0
Date Prepared	June 26, 2014		**Total Budget**	**$480,000**	Priority C	0	$0	$0	0	$0	$0	0
Budget Level	District		**Overprogram**	$0	**Total**	**360**	**$1,333**	**$480,000**	**360**	**$1,333**	**$480,000**	**0**
PROJECT INFORMATION						**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**
Profit Center	**Budget Budget Reserve Overprogram**	**Service OR Lateral**		**Justification**	**Priority**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**
2602-TN-Chattanooga	Budget	Service(s)		Residential - new growth	Priority A	355	$1,338.03	$475,000	355	$1,338.03	$475,000	-
2605-TN-Sequatchie Valley	Budget	Service(s)		Residential - new growth	Priority A	5	$1,000.00	$5,000	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	-

2017		2018			2019						
AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST				
$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**	**$0**				
UNIT COST	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**COMMENTS**	**SUBTOTAL BY DISTRICT**	**2015**	
Estimated Unit Cost ($/unit)	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**As Needed (Optional)**	**District**	**Estimated Quantity (each)**	**Estimated Cost (dollars)**
$0.00	$0	-	$0.00	$0	-	$0.00	$0		2600-TN-Cap Growth Budget	-	$0
$0.00	$0	-	$0.00	$0	-	$0.00	$0		2601-TN-Corporate	-	$0
$0.00	$0	-	$0.00	$0	-	$0.00	$0		2602-TN-Chattanooga	355	$475,000
$0.00	$0	-	$0.00	$0	-	$0.00	$0		2603-TN-Suck Creek	-	$0
$0.00	$0	-	$0.00	$0	-	$0.00	$0		2604-TN-Lone Oak	-	$0
$0.00	$0	-	$0.00	$0	-	$0.00	$0		2605-TN-Sequatchie Valley	5	$5,000

SERVICES and LATERALS - REPLACED			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	2015 TOTAL QTY	2015 AVG UNIT COST	2015 TOTAL COST	2016 TOTAL QTY	2016 AVG UNIT COST	2016 TOTAL COST	TOTAL QTY
Operating Unit	26-Tennessee	**H**	**Budget**	$250,000	Priority A	119	$2,101	$250,000	119	$2,101	$250,000	0
Business Plan Year	2015		**Budget Reserve**	$0	Priority B	0	$0	$0	0	$0	$0	0
Date Prepared	June 26, 2014		**Total Budget**	**$250,000**	Priority C	0	$0	$0	0	$0	$0	0
Budget Level	District		**Overprogram**	$0	**Total**	**119**	**$2,101**	**$250,000**	**119**	**$2,101**	**$250,000**	**0**
PROJECT INFORMATION						**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**
Profit Center	**Budget Budget Reserve Overprogram**	**Service OR Lateral**		**Justification**	**Priority**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**
2602-TN-Chattanooga	Budget	Service(s)		Damaged or physically fails	Priority A	60	$1,000.00	$60,000	60	$1,000.00	$60,000	-
2602-TN-Chattanooga	Budget	Service(s)		Damaged or physically fails	Priority A	50	$3,500.00	$175,000	50	$3,500.00	$175,000	-
2605-TN-Sequatchie Valley	Budget	Service(s)		Damaged or physically fails	Priority A	5	$1,000.00	$5,000	5	$1,000.00	$5,000	-
2605-TN-Sequatchie Valley	Budget	Service(s)		Damaged or physically fails	Priority A	4	$2,500.00	$10,000	4	$2,500.00	$10,000	-
						-	$0.00	$0	-	$0.00	$0	-
						-	$0.00	$0	-	$0.00	$0	-

2017		2018			2019						
AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST				
$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**	**$0**				
UNIT COST	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**COMMENTS**	**SUBTOTAL BY DISTRICT**	**2015**	
Estimated Unit Cost ($/unit)	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**As Needed (Optional)**	**District**	**Estimated Quantity (each)**	**Estimated Cost (dollars)**
$0.00	$0	-	$0.00	$0	-	$0.00	$0		2600-TN-Cap Growth Budget	-	$0
$0.00	$0	-	$0.00	$0	-	$0.00	$0		2601-TN-Corporate	-	$0
$0.00	$0	-	$0.00	$0	-	$0.00	$0		2602-TN-Chattanooga	110	$235,000
$0.00	$0	-	$0.00	$0	-	$0.00	$0		2603-TN-Suck Creek	-	$0
$0.00	$0	-	$0.00	$0	-	$0.00	$0		2604-TN-Lone Oak	-	$0
$0.00	$0	-	$0.00	$0	-	$0.00	$0		2605-TN-Sequatchie Valley	9	$15,000

METERS - NEW			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	2015 TOTAL QTY	2015 AVG UNIT COST	2015 TOTAL COST	2016 TOTAL QTY	2016 AVG UNIT COST	2016 TOTAL COST	TOTAL QTY
Operating Unit	26-Tennessee		**Budget**	$520,000	Priority A	678	$767	$520,000	738	$779	$575,000	0
Business Plan Year	2015		**Budget Reserve**	$0	Priority B	0	$0	$0	0	$0	$0	0
Date Prepared	June 26, 2014		**Total Budget**	**$520,000**	Priority C	0	$0	$0	0	$0	$0	0
Budget Level	District		**Overprogram**	$0	**Total**	**678**	**$767**	**$520,000**	**738**	**$779**	**$575,000**	**0**
PROJECT INFORMATION						**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**
Profit Center	**Budget Budget Reserve Overprogram**	**Meter Type**	**Diameter (inches)**	**Justification**	**Priority**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**
2602-TN-Chattanooga	Budget	Residential	5/8" x 3/4"	Provide service to new customers	Priority A	650	$769.23	$500,000	710	$781.69	$555,000	-
2605-TN-Sequatchie Valley	Budget	Residential	5/8" x 3/4"	Provide service to new customers	Priority A	28	$714.30	$20,000	28	$714.30	$20,000	-
						-	$0.00	$0	-	$0.00	$0	-
						-	$0.00	$0	-	$0.00	$0	-
			2"			-	$0.00	$0	-	$0.00	$0	-
						-	$0.00	$0	-	$0.00	$0	-

2017		2018			2019						
AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST				
$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**	**$0**				
UNIT COST	PROJ. COST	UNITS	UNIT COST	PROJ. COST	UNITS	UNIT COST	PROJ. COST	COMMENTS	SUBTOTAL BY DISTRICT	2015	
Estimated Unit Cost ($/unit)	Estimated Cost (dollars)	Estimated Quantity (each)	Estimated Unit Cost ($/unit)	Estimated Cost (dollars)	Estimated Quantity (each)	Estimated Unit Cost ($/unit)	Estimated Cost (dollars)	As Needed (Optional)	District	Estimated Quantity (each)	Estimated Cost (dollars)
$0.00	$0	-	$0.00	$0	-	$0.00	$0		2600-TN-Cap Growth Budget	-	$0
$0.00	$0	-	$0.00	$0	-	$0.00	$0		2601-TN-Corporate	-	$0
$0.00	$0	-	$0.00	$0	-	$0.00	$0		2602-TN-Chattanooga	650	$500,000
$0.00	$0	-	$0.00	$0	-	$0.00	$0		2603-TN-Suck Creek	-	$0
$0.00	$0	-	$0.00	$0	-	$0.00	$0		2604-TN-Lone Oak	-	$0
$0.00	$0	-	$0.00	$0	-	$0.00	$0		2605-TN-Sequatchie Valley	28	$20,000

METERS - REPLACED			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	2015 TOTAL QTY	2015 AVG UNIT COST	2015 TOTAL COST	2016 TOTAL QTY	2016 AVG UNIT COST	2016 TOTAL COST	TOTAL QTY
Operating Unit	26-Tennessee	**J**	**Budget**	$725,000	Priority A	5,208	$139	$725,000	5,208	$139	$725,000	0
Business Plan Year	2015		**Budget Reserve**	$0	Priority B	0	$0	$0	0	$0	$0	0
Date Prepared	June 26, 2014		**Total Budget**	**$725,000**	Priority C	0	$0	$0	0	$0	$0	0
Budget Level	District		**Overprogram**	$0	**Total**	**5,208**	**$139**	**$725,000**	**5,208**	**$139**	**$725,000**	**0**
PROJECT INFORMATION						**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**
Profit Center	**Budget Budget Reserve Overprogram**	**Meter Type**	**Diameter (inches)**	**Justification**	**Priority**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**
2602-TN-Chattanooga	Budget	Residential	5/8" x 3/4"	Required to comply with regulations	Priority A	4,915	$140.00	$688,100	4,915	$140.00	$688,100	-
2602-TN-Chattanooga	Budget	Residential	5/8" x 3/4"	Meter malfunction (stops or registers inaccurately)	Priority A	89	$100.00	$8,900	89	$100.00	$8,900	-
2602-TN-Chattanooga	Budget	Residential	2"	Required to comply with regulations	Priority A	10	$300.00	$3,000	10	$300.00	$3,000	-
2605-TN-Sequatchie Valley	Budget	Residential	5/8" x 3/4"	Required to comply with regulations	Priority A	140	$140.00	$19,600	140	$140.00	$19,600	-
2605-TN-Sequatchie Valley	Budget	Residential	5/8" x 3/4"	Meter malfunction (stops or registers inaccurately)	Priority A	54	$100.00	$5,400	54	$100.00	$5,400	-
						-	$0.00	$0	-	$0.00	$0	-

2017		2018			2019						
AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST				
$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**	**$0**				
UNIT COST	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**COMMENTS**	**SUBTOTAL BY DISTRICT**	**2015**	
Estimated Unit Cost ($/unit)	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**As Needed (Optional)**	**District**	**Estimated Quantity (each)**	**Estimated Cost (dollars)**
$0.00	$0	-	$0.00	$0	-	$0.00	$0		2600-TN-Cap Growth Budget	-	$0
$0.00	$0	-	$0.00	$0	-	$0.00	$0		2601-TN-Corporate	-	$0
$0.00	$0	-	$0.00	$0	-	$0.00	$0		2602-TN-Chattanooga	5,014	$700,000
$0.00	$0	-	$0.00	$0	-	$0.00	$0		2603-TN-Suck Creek	-	$0
$0.00	$0	-	$0.00	$0	-	$0.00	$0		2604-TN-Lone Oak	-	$0
$0.00	$0	-	$0.00	$0	-	$0.00	$0		2605-TN-Sequatchie Valley	194	$25,000

ITS EQUIPMENT and SYSTEMS			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	2015 TOTAL QTY	2015 AVG UNIT COST	2015 TOTAL COST	2016 TOTAL QTY	2016 AVG UNIT COST	2016 TOTAL COST
Operating Unit	26-Tennessee	**K**	**Budget**	$220,797	Priority A	0	$0	$0	0	$0	$0
Business Plan Year	2015		**Budget Reserve**	$0	Priority B	108	$2,044	$220,797	21	$4,489	$94,259
Date Prepared	June 26, 2014		**Total Budget**	**$220,797**	Priority C	0	$0	$0	1	$11,000	$11,000
Budget Level	Project		**Overprogram**	$0	**Total**	**108**	**$2,044**	**$220,797**	**22**	**$4,785**	**$105,259**
PROJECT INFORMATION						**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**		**Justification**	**Priority**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**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	-	$0.00	$0
2602-TN-Chattanooga	Budget	Phones		Has reached the end of its expected life	Priority B	65	$528.00	$34,320.00	-	$0.00	$0
2602-TN-Chattanooga	Budget	Computers		Has reached the end of its expected life	Priority B	19	$2,577.83	$48,978.77	9	$1,799.60	$16,196
2602-TN-Chattanooga	Budget	Toughbooks/Tablets		Has reached the end of its expected life	Priority B	14	$3,747.70	$52,467.80	-	$0.00	$0
2602-TN-Chattanooga	Budget	Printers		Has reached the end of its expected life	Priority B	2	$2,915.00	$5,830.00	5	$2,915.00	$14,575
2602-TN-Chattanooga	Budget	Routers		Has reached the end of its expected life	Priority B	-	$0.00	$0.00	2	$18,040.00	$36,080
2602-TN-Chattanooga	Budget	Cisco WAAS		Has reached the end of its expected life	Priority B	-	$0.00	$0.00	2	$10,285.00	$20,570
2602-TN-Chattanooga	Budget	Firewalls		Has reached the end of its expected life	Priority B	-	$0.00	$0.00	3	$2,279.20	$6,838
2602-TN-Chattanooga	Budget	Infrastructure Upgrade		Proactive replacement based on age, condition or new technology	Priority C	-	$0.00	$0.00	1	$11,000.00	$11,000
2602-TN-Chattanooga	Budget	Projectors		Has reached the end of its expected life	Priority B	-	$0.00	$0.00	-	$0.00	$0
2602-TN-Chattanooga	Budget	Kronos		Has reached the end of its expected life	Priority B	-	$0.00	$0.00	-	$0.00	$0
2602-TN-Chattanooga	Budget	Video Conferencing		Proactive replacement based on age, condition or new technology	Priority C	-	$0.00	$0.00	-	$0.00	$0
2602-TN-Chattanooga	Budget	Wireless		Has reached the end of its expected life	Priority B	-	$0.00	$0.00	-	$0.00	$0
2602-TN-Chattanooga	Budget	Servers		Has reached the end of its expected life	Priority B	-	$0.00	$0.00	-	$0.00	$0
2602-TN-Chattanooga	Budget	UPS		Has reached the end of its expected life	Priority B	-	$0.00	$0.00	-	$0.00	$0
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

2017			2018			2019						
TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST				
0	$0	$0	0	$0	$0	0	$0	$0				
71	$2,731	$193,932	20	$3,224	$64,475	129	$2,388	$308,110				
2	$16,500	$33,000	2	$11,000	$22,000	2	$16,500	$33,000				
73	**$3,109**	**$226,932**	**22**	**$3,931**	**$86,475**	**131**	**$2,604**	**$341,110**				
UNITS	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**COMMENTS**	**SUBTOTAL BY DISTRICT**	**2015**	
Estimated Quantity (each)	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**As Needed (Optional)**	**District**	**Estimated Quantity (each)**	**Estimated Cost (dollars)**
-	$0.00	$0	-	$0.00	$0	8	$9,900.00	$79,200.00	enterprise security is required at all reporting locations per AW SDC standards	2600-TN-Cap Growth Budget	-	$0
-	$0.00	$0	-	$0.00	$0	65	$528.00	$34,320.00	enterprise security is required at all reporting locations per AW SDC standards	2601-TN-Corporate	-	$0
24	$1,851.30	$44,431	9	$2,420.00	$21,780	20	$2,533.74	$50,674.80	automated gate open/close devices will be installed	2602-TN-Chattanooga	108	$220,797
34	$3,747.70	$127,422	-	$0.00	$0	26	$3,747.70	$97,440.20	replacing failed security equipment that has reached the end of its useful life	2603-TN-Suck Creek	-	$0
-	$0.00	$0	5	$2,915.00	$14,575	5	$2,915.00	$14,575.00	enterprise security is required at all reporting locations per AW SDC standards	2604-TN-Lone Oak	-	$0
-	$0.00	$0	1	$13,200.00	$13,200	1	$13,200.00	$13,200.00		2605-TN-Sequatchie Valley	-	$0
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0.00		0		
1	$2,279.20	$2,279	-	$0.00	$0	-	$0.00	$0.00		0		
1	$11,000.00	$11,000	1	$11,000.00	$11,000	1	$11,000.00	$11,000.00		0		
6	$1,100.00	$6,600	-	$0.00	$0	-	$0.00	$0.00		0		
6	$2,200.00	$13,200	-	$0.00	$0	-	$0.00	$0.00		0		
1	$22,000.00	$22,000	1	$11,000.00	$11,000	1	$22,000.00	$22,000.00		0		
-	$0.00	$0	-	$0.00	$0	1	$11,110.00	$11,110.00		0		
-	$0.00	$0	1	$11,110.00	$11,110	-	$0.00	$0.00		0		
-	$0.00	$0	4	$952.60	$3,810	-	$0.00	$0.00		0		
-	$0.00	$0	-	$0.00	$0	3	$2,530.00	$7,590.00		0		

SCADA EQUIPMENT and SYSTEMS			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	2015 TOTAL QTY	2015 AVG UNIT COST	2015 TOTAL COST	2016 TOTAL QTY	2016 AVG UNIT COST	2016 TOTAL COST
Operating Unit	26-Tennessee	**L**	**Budget**	$185,000	Priority A	9	$18,889	$170,000	8	$21,875	$175,000
Business Plan Year	2015		**Budget Reserve**	$0	Priority B	0	$0	$0	0	$0	$0
Date Prepared	June 26, 2014		**Total Budget**	**$185,000**	Priority C	15	$1,000	$15,000	10	$1,000	$10,000
Budget Level	Project		**Overprogram**	$0	**Total**	**24**	**$7,708**	**$185,000**	**18**	**$10,278**	**$185,000**
PROJECT INFORMATION						**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**	**Justification**		**Priority**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**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	1	$109,000.00	$109,000	-	$0.00	$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	1	$40,000.00	$40,000	-	$0.00	$0
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	$0	1	$149,000.00	$149,000
2602-TN-Chattanooga	Budget	Repair of Failures	Physically fails/not repairable, or in imminent danger of failure		Priority A	6	$1,000.00	$6,000	6	$1,000.00	$6,000
2602-TN-Chattanooga	Budget	Spare SCADA parts	Proactive replacement based on age, condition or new technology		Priority C	10	$1,000.00	$10,000	10	$1,000.00	$10,000
2605-TN-Sequatchie Valley	Budget	Spare SCADA parts	Proactive replacement based on age, condition or new technology		Priority C	5	$1,000.00	$5,000		$0.00	$0
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	$15,000	1	$20,000.00	$20,000

2017			2018			2019							
TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST					
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**	**$0**					
UNITS	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**COMMENTS**	**SUBTOTAL BY DISTRICT**	**2015**		
Estimated Quantity (each)	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**As Needed (Optional)**	**District**	**Estimated Quantity (each)**	**Estimated Cost (dollars)**	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2600-TN-Cap Growth Budget	-	$0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2601-TN-Corporate	-	$0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2602-TN-Chattanooga	18	$165,000	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2603-TN-Suck Creek	-	$0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2604-TN-Lone Oak	-	$0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2605-TN-Sequatchie Valley	6	$20,000	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0			

SECURITY EQUIPMENT and SYSTEMS			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	2015 TOTAL QTY	2015 AVG UNIT COST	2015 TOTAL COST	2016 TOTAL QTY	2016 AVG UNIT COST	2016 TOTAL COST
Operating Unit	26-Tennessee	**M**	**Budget**	$110,000	Priority A	5	$38,000	$190,000	2	$30,000	$60,000
Business Plan Year	2015		**Budget Reserve**	$80,000	Priority B	0	$0	$0	3	$20,000	$60,000
Date Prepared	June 26, 2014		**Total Budget**	**$190,000**	Priority C	0	$0	$0	0	$0	$0
Budget Level	Project		**Overprogram**	$0	**Total**	**5**	**$38,000**	**$190,000**	**5**	**$24,000**	**$120,000**
PROJECT INFORMATION						**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**		**Justification**	**Priority**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**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	-	$0.00	$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	1	$40,000	$40,000	-	$0.00	$0
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	-	$0.00	$0
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	-	$0.00	$0
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	-	$0.00	$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	-	$0.00	$0	1	$20,000.00	$20,000
2602-TN-Chattanooga	Budget	Citico gate and fence replacement		Equipment needed and currently not supported by the vendor	Priority A	-	$0.00	$0	1	$40,000.00	$40,000
2603-TN-Suck Creek	Budget	Cyberlock deployment		Has reached the end of its expected life	Priority B	-	$0.00	$0	1	$20,000.00	$20,000
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	2	$20,000.00	$40,000
2601-TN-Corporate	Budget	2017		Minimum level of health and safety risk reduction not in place	Priority A	-	$0.00	$0	-	$0.00	$0
2601-TN-Corporate	Budget	2018		Minimum level of health and safety risk reduction not in place	Priority A	-	$0.00	$0	-	$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

2017			2018			2019							
TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST					
1	$120,000	$120,000	1	$120,000	$120,000	1	$120,000	$120,000					
0	$0	$0	0	$0	$0	0	$0	$0					
0	$0	$0	0	$0	$0	0	$0	$0					
1	**$120,000**	**$120,000**	**1**	**$120,000**	**$120,000**	**1**	**$120,000**	**$120,000**					
UNITS	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**COMMENTS**	**SUBTOTAL BY DISTRICT**	**2015**		
Estimated Quantity (each)	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**As Needed (Optional)**	**District**	**Estimated Quantity (each)**	**Estimated Cost (dollars)**	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	enterprise security is required at all reporting locations per AW SDC standards	2600-TN-Cap Growth Budget	-	$0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	enterprise security is required at all reporting locations per AW SDC standards	2601-TN-Corporate	-	$0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	automated gate open/close devices will be installed	2602-TN-Chattanooga	4	$160,000	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	replacing failed security equipment that has reached the end of its useful life	2603-TN-Suck Creek	1	$30,000	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	enterprise security is required at all reporting locations per AW SDC standards	2604-TN-Lone Oak	-	$0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2605-TN-Sequatchie Valley	-	$0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0			
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0			
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0			
1	$120,000.00	$120,000	-	$0.00	$0	-	$0.00	$0		0			
-	$0.00	$0	1	$120,000.00	$120,000	-	$0.00	$0		0			
-	$0.00	$0	-	$0.00	$0	1	$120,000.00	$120,000		0			

OFFICES and OPERATIONS CENTERS			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	2015 TOTAL QTY	2015 AVG UNIT COST	2015 TOTAL COST	2016 TOTAL QTY	2016 AVG UNIT COST	2016 TOTAL COST
Operating Unit	26-Tennessee	**N**	**Budget**	$25,000	Priority A	0	$0	$0	0	$0	$0
Business Plan Year	2015		**Budget Reserve**	$0	Priority B	1	$25,000	$25,000	1	$25,000	$25,000
Date Prepared	June 26, 2014		**Total Budget**	**$25,000**	Priority C	0	$0	$0	0	$0	$0
Budget Level	Project		**Overprogram**	$0	**Total**	**1**	**$25,000**	**$25,000**	**1**	**$25,000**	**$25,000**
PROJECT INFORMATION						**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**	**Justification**		**Priority**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**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	-	$0.00	$0
2602-TN-Chattanooga	Budget	Meter Building Locker Room	Has reached the end of its expected life		Priority B		$0.00	$0	1	$25,000.00	$25,000
						-	$0.00	$0	-	$0.00	$0
						-	$0.00	$0	-	$0.00	$0
						-	$0.00	$0	-	$0.00	$0
						-	$0.00	$0	-	$0.00	$0

2017			2018			2019							
TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST					
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**	**$0**					
UNITS	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**COMMENTS**	**SUBTOTAL BY DISTRICT**	**2015**		
Estimated Quantity (each)	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**As Needed (Optional)**	**District**	**Estimated Quantity (each)**	**Estimated Cost (dollars)**	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2600-TN-Cap Growth Budget	-	$0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2601-TN-Corporate	-	$0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2602-TN-Chattanooga	1	$25,000	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2603-TN-Suck Creek	-	$0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2604-TN-Lone Oak	-	$0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2605-TN-Sequatchie Valley	-	$0	

VEHICLES		O	CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	2015 TOTAL QTY	2015 AVG UNIT COST	2015 TOTAL COST	2016 TOTAL QTY	2016 AVG UNIT COST
Operating Unit	26-Tennessee		**Budget**	$400,000	Priority A	1	$30,000	$30,000	2	$30,000
Business Plan Year	2015		**Budget Reserve**	$0	Priority B	0	$0	$0	0	$0
Date Prepared	June 26, 2014		**Total Budget**	**$400,000**	Priority C	6	$61,667	$370,000	5	$68,000
Budget Level	Project		**Overprogram**	$0	**Total**	**7**	**$57,143**	**$400,000**	**7**	**$57,143**
PROJECT INFORMATION						**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**	**Vehicle Type (Class)**	**Justification**	**Priority**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**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	$73,000	-	$0.00
2602-TN-Chattanooga	Budget	Medium truck replacements	Medium Truck	Proactive replacement based on age, condition or new technology	Priority C	1	$122,000.00	$122,000	-	$0.00
2602-TN-Chattanooga	Budget	Dump truck replacements	Medium Truck	Proactive replacement based on age, condition or new technology	Priority C		$95,000.00	$0	-	$0.00
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	$75,000	-	$0.00
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	$30,000	2	$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	$0	1	$140,000.00
2602-TN-Chattanooga	Budget	Convert Vehicles to LP	Medium Truck	Provides environmental benefits	Priority C	2	$50,000.00	$100,000	4	$50,000.00

TOTAL COST	2017 TOTAL QTY	2017 AVG UNIT COST	2017 TOTAL COST	2018 TOTAL QTY	2018 AVG UNIT COST	2018 TOTAL COST	2019 TOTAL QTY	2019 AVG UNIT COST	2019 TOTAL COST				
$60,000	0	$0	$0	0	$0	$0	0	$0	$0				
$0	0	$0	$0	0	$0	$0	0	$0	$0				
$340,000	0	$0	$0	0	$0	$0	0	$0	$0				
$400,000	**0**	**$0**	**$0**	**0**	**$0**	**$0**	**0**	**$0**	**$0**				
PROJ. COST	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**COMMENTS**	**SUBTOTAL BY DISTRICT**	**2015**	
Estimated Cost (dollars)	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**As Needed (Optional)**	**District**	**Estimated Quantity (each)**	**Estimated Cost (dollars)**
$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2600-TN-Cap Growth Budget	-	$0
$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2601-TN-Corporate	-	$0
$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2602-TN-Chattanooga	7	$400,000
$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2603-TN-Suck Creek	-	$0
$60,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2604-TN-Lone Oak	-	$0
$140,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2605-TN-Sequatchie Valley	-	$0
$200,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		

TOOLS and EQUIPMENT			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	2015 TOTAL QTY	2015 AVG UNIT COST	2015 TOTAL COST	2016 TOTAL QTY	2016 AVG UNIT COST	2016 TOTAL COST
Operating Unit	26-Tennessee	**P**	**Budget**	$40,000	Priority A	6	$5,500	$33,000	3	$10,133	$30,400
Business Plan Year	2015		**Budget Reserve**	$0	Priority B	6	$1,167	$7,000	0	$0	$0
Date Prepared	June 26, 2014		**Total Budget**	**$40,000**	Priority C	0	$0	$0	5	$1,920	$9,600
Budget Level	Project		**Overprogram**	$0	**Total**	**12**	**$3,333**	**$40,000**	**8**	**$5,000**	**$40,000**
PROJECT INFORMATION						**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**		**Justification**	**Priority**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**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	-	$0.00	$0
2602-TN-Chattanooga	Budget	DI chain saws		Addresses imminent health and/or safety issues	Priority A	1	$5,500.00	$5,500	-	$0.00	$0
2602-TN-Chattanooga	Budget	Trash Pump Replacement		Has reached the end of its expected life	Priority B	4	$1,500.00	$6,000	-	$0.00	$0
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	-	$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	1	$500.00	$500		$0.00	$0
2602-TN-Chattanooga	Budget	Replace trailers		Physically fails and not repairable, or in imminent danger of failure	Priority A	-	$0.00	$0	2	$10,000.00	$20,000
2602-TN-Chattanooga	Budget	Maiwaukee Saws All Battery		Proactive replacement based on age, condition or new technology	Priority C	-	$0.00	$0	4	$400.00	$1,600
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	1	$10,400.00	$10,400
2602-TN-Chattanooga	Budget					-	$0.00	$0	-	$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	-	$0.00	$0
2605-TN-Sequatchie Valley	Budget	Trash Pump		Addresses imminent health and/or safety issues	Priority A	1	$1,500.00	$1,500	-	$0.00	$0
2605-TN-Sequatchie Valley	Budget	Milwaukee Saws and Batteries		Has reached the end of its expected life	Priority B	2	$500.00	$1,000	-	$0.00	$0
2605-TN-Sequatchie Valley	Budget	Trailer		Proactive replacement based on age, condition or new technology	Priority C	-	$0.00	$0	1	$8,000.00	$8,000

2017			2018			2019							
TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST					
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**	**$0**					
UNITS	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**COMMENTS**	**SUBTOTAL BY DISTRICT**	**2015**		
Estimated Quantity (each)	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**As Needed (Optional)**	**District**	**Estimated Quantity (each)**	**Estimated Cost (dollars)**	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	Upsize machine one size to be more efficient,accurate and durable	2600-TN-Cap Growth Budget	-	$0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	Vaccum has broken down more often in 2014.	2601-TN-Corporate	-	$0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	Mini CX31 is 7 years old and used daily.	2602-TN-Chattanooga	8	$32,000	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	Vaccum has broken down more often in 2014.	2603-TN-Suck Creek	-	$0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	Landscape rake to fit skid steer	2604-TN-Lone Oak	-	$0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	One employee could do what 3 now do in less time.	2605-TN-Sequatchie Valley	4	$8,000	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0			
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0			
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0			
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0			
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0			
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0			
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0			

PROCESS PLANT FACILITIES and EQUIPMENT		Q	CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	2015 TOTAL QTY	2015 AVG UNIT COST	2015 TOTAL COST	2016 TOTAL QTY	2016 AVG UNIT COST	2016 TOTAL COST
Operating Unit	26-Tennessee		**Budget**	$2,631,203	Priority A	16	$141,806	$2,268,903	6	$220,000	$1,320,000
Business Plan Year	2015		**Budget Reserve**	$0	Priority B	4	$90,575	$362,300	4	$128,909	$515,637
Date Prepared	June 26, 2014		**Total Budget**	**$2,631,203**	Priority C	0	$0	$0	2	$42,182	$84,363
Budget Level	Project		**Overprogram**	$0	**Total**	**20**	**$131,560**	**$2,631,203**	**12**	**$160,000**	**$1,920,000**
PROJECT INFORMATION						**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**	**Justification**		**Priority**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**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	-	$0.00	$0
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	-	$0.00	$0
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	-	$0.00	$0
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	-	$0.00	$0
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	-	$0.00	$0
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	-	$0.00	$0
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	-	$0.00	$0
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	-	$0.00	$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	1	$100,000.00	$100,000	-	$0.00	$0
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	-	$0.00	$0
2602-TN-Chattanooga	Budget	Change Out High Service 19 Motor	Provides increased reliability or operating flexibility of critical assets		Priority B	-	$0.00	$0	1	$60,637.00	$60,637
2602-TN-Chattanooga	Budget	Hill City Pump Review and Redundancy	Provides increased reliability or operating flexibility of critical assets		Priority B	-	$0.00	$0	1	$200,000.00	$200,000
2602-TN-Chattanooga	Budget	Replace Underdrains - 6 Units	Physically fails, not repairable, or in imminent danger of failure		Priority A	-	$0.00	$0	6	$220,000.00	$1,320,000
2602-TN-Chattanooga	Budget	Stabilization of Citico Pump Station Pit	Proactive replacement based on age, condition, or new technology		Priority C	-	$0.00	$0	1	$49,363.00	$49,363
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	1	$190,000.00	$190,000
2605-TN-Sequatchie Valley	Budget	Pump Station Repair	Proactive replacement based on age, condition, or new technology		Priority C	-	$0.00	$0	1	$35,000.00	$35,000
2605-TN-Sequatchie Valley	Budget	Plant Effluent Meter Installation	Provides increased reliability or operating flexibility of critical assets		Priority B	-	$0.00	$0	1	$65,000.00	$65,000

2017			2018			2019							
TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST					
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**	**$0**					
UNITS	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**COMMENTS**	**SUBTOTAL BY DISTRICT**	**2015**		
Estimated Quantity (each)	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**As Needed (Optional)**	**District**	**Estimated Quantity (each)**	**Estimated Cost (dollars)**	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2600-TN-Cap Growth Budget	-	$0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2601-TN-Corporate	-	$0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2602-TN-Chattanooga	18	$2,441,203	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2603-TN-Suck Creek	-	$0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2604-TN-Lone Oak	-	$0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2605-TN-Sequatchie Valley	2	$190,000	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0			
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0			
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0			
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0			
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0			
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0			
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0			
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0			
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0			
-	$0.00	$0	-	$0.00	$0	-	$0.00	$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
							-
							-
							-
							-

2015 AVG UNIT COST	TOTAL COST				
$500,000	$500,000				
$0	$0				
$0	$0				
$500,000	**$500,000**				
UNIT COST	**PROJ. COST**	**COMMENTS**	**SUBTOTAL BY DISTRICT**	**2015**	
Estimated Unit Cost ($/unit)	**Estimated Cost (dollars)**	**As Needed (Optional)**	**District**	**Estimated Quantity (each)**	**Estimated Cost (dollars)**
$500,000.00	$500,000		2600-TN-Cap Growth Budget	-	$0
$500,000.00	$500,000		2601-TN-Corporate	-	$0
$0.00	$0		2602-TN-Chattanooga	1	$500,000
$0.00	$0		2603-TN-Suck Creek	-	$0
$0.00	$0		2604-TN-Lone Oak	-	$0
$0.00	$0		2605-TN-Sequatchie Valley	-	$0

ENGINEERING STUDIES			CURRENT BUSINESS PLAN YEAR - 2015		PRIORITY	2015 TOTAL QTY	2015 AVG UNIT COST	2015 TOTAL COST	2016 TOTAL QTY	2016 AVG UNIT COST
Operating Unit	26-Tennessee	**S**	**Budget**	$35,000	Priority A	2	$17,500	$35,000	2	$17,500
Business Plan Year	2015		**Budget Reserve**	$0	Priority B	0	$0	$0	0	$0
Date Prepared	June 26, 2014		**Total Budget**	**$35,000**	Priority C	0	$0	$0	0	$0
Budget Level	Project		**Overprogram**	$0	**Total**	**2**	**$17,500**	**$35,000**	**2**	**$17,500**
PROJECT INFORMATION						**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**	**Study Type**	**Justification**	**Priority**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**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	1	$25,000.00	$25,000	1	$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	1	$10,000.00	$10,000	1	$10,000.00
						-	$0.00	$0	-	$0.00
						-	$0.00	$0	-	$0.00
						-	$0.00	$0	-	$0.00
						-	$0.00	$0	-	$0.00

	2017			2018			2019						
TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST				
$35,000	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				
$35,000	**0**	**$0**	**$0**	**0**	**$0**	**$0**	**0**	**$0**	**$0**				
PROJ. COST	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**COMMENTS**	**SUBTOTAL BY DISTRICT**	**2015**	
Estimated Cost (dollars)	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**As Needed (Optional)**	**District**	**Estimated Quantity (each)**	**Estimated Cost (dollars)**
$25,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2600-TN-Cap Growth Budget	-	$0
$10,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2601-TN-Corporate	-	$0
$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2602-TN-Chattanooga	1	$25,000
$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2603-TN-Suck Creek	-	$0
$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2604-TN-Lone Oak	-	$0
$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2605-TN-Sequatchie Valley	1	$10,000

Company Code:	Tennessee-American Water
Period/Year:	2012-2013

Average Spend for 2012 and 2013				
Project		**Actual 2012**	**Actual 2013**	**Average 2012/2013**
CAPRPA	Mains - New	**$116,244**	**$230,419**	**$173,332**
CAPRPB	Mains - Replaced / Restored	**$1,634,094**	**$2,320,998**	**$1,977,546**
CAPRPC	Mains - Unscheduled	**$745,027**	**$231,431**	**$488,229**
CAPRPD	Mains - Relocated	**$1,484,031**	**$1,493,035**	**$1,488,533**
CAPRPE	Hydrants, Valves, and Manholes-New	**$24,581**	**$32,977**	**$28,779**
CAPRPF	Hydrants, Valves, and Manholes-Rep	**$1,256,281**	**$331,075**	**$793,678**
CAPRPG	Services and Laterals - New	**$415,993**	**$435,201**	**$425,597**
CAPRPH	Services and Laterals - Replaced	**$582,378**	**$552,634**	**$567,506**
CAPRPI	Meters - New	**$683,823**	**$497,794**	**$590,809**
CAPRPJ	Meters - Replaced	**$1,473,626**	**$638,268**	**$1,055,947**
CAPRPK	ITS Equipment and Systems	**$370,403**	**$129,608**	**$250,006**
CAPRPL	SCADA Equipment and Systems	**$33,833**	**$465,978**	**$249,906**
CAPRPM	Security Equipment and Systems	**$98,186**	**$90,355**	**$94,270**
CAPRPN	Offices and Operations Centers	**$58,798**	**$266,583**	**$162,690**
CAPRPO	Vehicles	**$29,674**	**$1,381,999**	**$705,837**
CAPRPP	Tools and Equipment	**$122,944**	**$100,283**	**$111,614**
CAPRPQ	Process Plant - Facilities and Equi	**$1,484,406**	**$1,319,428**	**$1,401,917**
CAPRPR	Capitalized Tank Rehabilitation / P	**$851,586**	**$247,616**	**$549,601**
CAPRPS	Engineering Studies	**($375)**	**$68,021**	**$33,823**

Variable Section:	Tennessee-American Water 12/2012
Company Code:	0
Period/Year:	Total
Version:	
Estimate Type:	

Project			Actual YTD 12-2012
CAPRPA			**$116,244**
	R26-02A1.07	Mains - New	$234
	R26-02A1.11	Mains - New	$4,138
	R26-02A1.12	Mains - New	$111,873
CAPRPB			**$1,634,094**
	R26-02B1.10	Mains - Replaced / Restored	($2)
	R26-02B1.11	Mains - Replaced / Restored	($92,335)
	R26-02B1.12	Mains - Replaced / Restored	$1,726,432
CAPRPC			**$745,027**
	R26-02C1.07	Mains - Unscheduled	$584,167
	R26-02C1.10	Mains - Unscheduled	($206)
	R26-02C1.11	Mains - Unscheduled	$1,028
	R26-02C1.12	Mains - Unscheduled	$157,560
	R26-03C1.12	Unscheduled Mains Suck Creek	$2,477
CAPRPD			**$1,484,031**
	R26-02D1.09	Mains - Relocated	($22,931)
	R26-02D1.10	Mains - Relocated	$566,653
	R26-02D1.11	Mains - Relocated	$42,721
	R26-02D1.12	Mains - Relocated	$897,587
CAPRPE			**$24,581**
	R26-02E1.07	Hydrants, Valves, and Manholes-New	$9,306
	R26-02E1.10	Hydrants, Valves, and Manholes-New	($3,600)
	R26-02E1.11	Hydrants, Valves, and Manholes-New	$9,851
	R26-02E1.12	Hydrants, Valves, and Manholes-New	$9,024
CAPRPF			**$1,256,281**
	R26-02F1.07	Hydrants, Valves, and Manholes-Rep	$282,929
	R26-02F1.12	Hydrants, Valves, and Manholes-Rep	$973,624
	R26-03F1.12	Hyd & Vlvs - Rep - Marion Cnty TN ALL	($272)
CAPRPG			**$415,993**
	R26-02G1.07	Services and Laterals - New	$389,369
	R26-02G1.11	Services and Laterals - New	$4,972
	R26-02G1.12	Services and Laterals - New	$15,153
	R26-03G1.07	Services and Laterals - New	$2,543
	R26-04G1.07	Services and Laterals - New	$3,956
CAPRPH			**$582,378**
	R26-02H1.07	Services and Laterals - Replaced	$578,592
	R26-02H1.12	Services and Laterals - Replaced	$3,786
CAPRPI			**$683,823**
	R26-02I1.07	Meters - New	$257,177
	R26-02I1.11	Meters - New	$12,073
	R26-02I1.12	Meters - New	$414,573
CAPRPJ			**$1,473,626**
	R26-02J1.07	Meters - Replaced	$1,468,117
	R26-02J1.11	Meters - Replaced	($21)
	R26-02J1.12	Meters - Replaced	$4,026
	R26-03J1.07	Meters - Replaced	$1,390
	R26-04J1.07	Meters - Replaced	$114
CAPRPK			**$370,403**

	R26-02K1.11	ITS Equipment and Systems	$2,835	
	R26-02K1.12	ITS Equipment and Systems	$367,568	
CAPRPL			**$33,833**	
	R26-02L1.11	SCADA Equipment and Systems	$33,833	
	R26-02L1.12	SCADA Equipment and Systems		
CAPRPM			**$98,186**	
	R26-02M1.11	Security Equipment and Systems	$5,161	
	R26-02M1.12	Security Equipment and Systems	$93,025	
CAPRPN			**$58,798**	
	R26-02N1.11	Offices and Operations Centers	($47,247)	
	R26-02N1.12	Offices and Operations Centers	$106,045	
CAPRPO			**$29,674**	
	R26-02O1.11	Vehicles	$59,326	
	R26-02O1.12	Vehicles	($29,652)	
CAPRPP			**$122,944**	
	R26-02P1.11	Tools and Equipment	$38,355	
	R26-02P1.12	Tools and Equipment	$80,788	
	R26-03P1.12	Tools and Equipment	$3,801	
CAPRPQ			**$1,484,406**	
	R26-02Q1.11	Process Plant - Facilities and Equi	$43,001	
	R26-02Q1.12	Process Plant - Facilities and Equi	$1,441,386	
	R26-03Q1.12	Process Plant - Facilities and Equi		$18
CAPRPR			**$851,586**	
	R26-02R1.08	Capitalized Tank Rehabilitation / P	$74,958	
	R26-02R1.11	Capitalized Tank Rehabilitation / P	($295,739)	
	R26-02R1.12	Capitalized Tank Rehabilitation / P	$922,924	
	R26-03R1.08	Capitalized Tank Rehabilitation / P	$149,443	
CAPRPS			**($375)**	
	R26-02S1.12	Engineering Studies	($375)	

Variable Section:	
Company Code:	Tennessee-American Water
Period/Year:	12/2013
Version:	0
Estimate Type:	Total

Project			Actual YTD 12-2013
CAPRPA			**$230,419**
CAPRPA	R26-02A1.12	Mains - New	$10,730
	R26-02A1.13	Mains - New	$219,690
CAPRPB			**$2,320,998**
CAPRPB	R26-02B1.12	Mains - Replaced / Restored	$503,997
	R26-02B1.13	Mains-Replaced / Restored	$1,817,001
CAPRPC			**$1,493,035**
CAPRPC	R26-02C1.07	Mains - Unscheduled	($45,288)
	R26-02C1.12	Mains - Unscheduled	($461)
	R26-02C1.13	Mains-Unscheduled	$1,538,255
	R26-02C1.14	Mains-Unscheduled	$529
CAPRPD			**($183,880)**
CAPRPD	R26-02D1.09	Mains - Relocated	$16,156
	R26-02D1.10	Mains - Relocated	($51,271)
	R26-02D1.11	Mains - Relocated	$4,776
	R26-02D1.12	Mains - Relocated	($258,442)
	R26-02D1.13	Mains-Relocated	$104,901
CAPRPE			**$32,977**
	R26-02E1.12	Hydrants, Valves, and Manholes-New	($3,234)
	R26-02E1.13	Hydrants Valves and Manholes-New	$36,210
CAPRPF			**$331,075**
	R26-02F1.07	Hydrants, Valves, and Manholes-Rep	($14,120)
	R26-02F1.12	Hydrants, Valves, and Manholes-Rep	$120,753
	R26-02F1.13	Hydrants Valves and Manholes-Rep	$223,570

	R26-03F1.12	Hyd & Vlvs - Rep - Marion Cnty TN ALL	$872
CAPRPG			**$435,201**
	R26-02G1.07	Services and Laterals - New	($77,714)
	R26-02G1.12	Services and Laterals - New	$187
	R26-02G1.13	Services and Laterals-New	$510,933
	R26-03G1.13	Services and Laterals-New	$1,796
CAPRPH			**$552,634**
	R26-02H1.07	Services and Laterals - Replaced	($31,888)
	R26-02H1.13	Services and Laterals-Replaced	$584,425
	R26-02H1.14	Services and Laterals-Replaced	$97
CAPRPI			**$497,794**
CAPRPI	R26-02I1.07	Meters - New	($1,414)
	R26-02I1.12	Meters - New	$266,023
	R26-02I1.13	Meters-New	$233,186
CAPRPJ			**$638,268**
	R26-02J1.07	Meters - Replaced	($157,149)
	R26-02J1.13	Meters-Replaced	$456,263
	R26-05J1.13	Meters-Replaced	$339,153
CAPRPK			**$129,608**
CAPRPK	R26-01K3.13	ITS Centrally Sponsored Projects	$80,308
	R26-02K1.12	ITS Equipment and Systems	($31,513)
	R26-02K1.13	ITS Equipment and Systems	$80,814
CAPRPL			**$465,978**
	R26-02L1.11	SCADA Equipment and Systems	($648)
	R26-02L1.13	R3803L.13- SCADA Equip & Systems	$460,874
	R26-05L1.13	SCADA Equipment and Systems	$5,753
CAPRPM			**$90,355**
CAPRPM	R26-02M1.12	Security Equipment and Systems	($26,087)
	R26-02M1.13	Security Equipment and Systems	$116,442
CAPRPN			**$266,583**
CAPRPN	R26-02N1.12	Offices and Operations Centers	($1,149)
	R26-02N1.13	Offices and Operations Centers	$258,082
	R26-05N1.14	Offices and Operations Centers	$9,650
CAPRPO			**$1,381,999**
	R26-02O1.12	Vehicles	$0

	R26-02O1.13	Vehicles	$1,381,999
CAPRPP			**$100,283**
	R26-02P1.12	Tools and Equipment	$44,245
	R26-02P1.13	Tools and Equipment	$59,840
	R26-03P1.12	Tools and Equipment	($3,801)
CAPRPQ			**$1,319,428**
CAPRPQ	R26-02Q1.12	Process Plant - Facilities and Equi	$130,090
	R26-02Q1.13	Process Plant Facilities and Equip	$1,175,045
	R26-03Q1.12	Process Plant - Facilities and Equi	$7,605
	R26-03Q1.13	Process Plant Facilities and Equip	$6,688
CAPRPR			**$247,616**
CAPRPR	R26-02R1.12	Capitalized Tank Rehabilitation / P	($40,662)
	R26-02R1.13	Capitalized Tank Rehab/Painting	$212,091
	R26-03R1.08	Capitalized Tank Rehabilitation / P	$76,187
CAPRPS			**$68,021**
	R26-02S1.12	Engineering Studies	$383
	R26-02S1.13	Engineering Studies	$67,639

Justification Forms

Company Name	Tennessee-American Water	FP Number:	I26-020032
District	TN-Chattanooga	FP Description	Wastewater Treatm't & Handling Impr
		Project Manager	O'Neill, Brent E.

REQUEST SUMMARY

Project Funding Status

Requested Stage	IMPLEMENTATION	002	Requested Amount	15,335,120.54	Form Status	VOID
Authorized Stage	PRELIMINARY	001	Authorized Amount	4,019,277.93	Authorized Date	10/29/2013

Scope Summary

Is this a change to the project scope? NO

The project includes the contruction of a residuals drying system with associated improvemetns to the Wastewater Treatment Systemthat will allow Tennessee American to discontinue residuals discharge to the City. Improvements will include the construction of aflow spliter box, an addiitonal sludge thickner, a sludge transfer pump station, a holding tank and centrifuges for sludge drying.

Schedule Status

	Latest Authorized	Request Authorization
Estimated In-Service:	07/17/2012	07/17/2012
Project Completion	12/31/2014	12/31/2014

Is this a change to the project Schedule? NO

Schedule is dictated by compliance schedule from City of Chattanooga

Cost Summary

Annual Estimate	Latest Authorized	Requested Change
Priors	0.00	114,790.00
This Year	226,793.54	7,476,298.64
Year 2	2,892,484.39	7,744,031.90
Year 3	0.00	0.00
Balance Years	900,000.00	0.00
TOTAL	**4,019,277.93**	**15,335,120.54**

Is this a change in Annual Expenditure? NO

No change

Detailed Estimate

Additions	2,742,187.05	13,063,781.86
Removals	0.00	500,000.00
AFUDC	1,002,872.17	123,269.08
Indirect Overhead	274,218.71	1,315,069.60
Contributions/advances	0.00	0.00
SUBTOTAL	4,019,277.93	15,002,120.54
O&C	0.00	333,000.00
TOTAL	**4,019,277.93**	**15,335,120.54**

Is this a change in total project estimate? NO

No Change

What is the anticipated Rate Impact? 0.1

Is project eligible for DSIC-type recovery?

If forward looking state, what is approved rate? 0.1

Will project impact Operating Costs? YES

Justification Forms

Company Name	Tennessee-American Water	FP Number:	I26-020032
District	TN-Chattanooga	FP Description	Wastewater Treatm't & Handling Impr
		Project Manager	O'Neill, Brent E.

SCOPE

Project Basis

Basis of Recommendation:		Initial Estimate:	4,000,000.00
Study Title and Year:	NONE	Initial Estimate Year:	2013
Study Project No. :	NONE	Add Study Hyperlink	

PROJECT ASSETS AND PURPOSE CODES

Asset Owner: TO BE DETERMINED

ASSET CODE	PERCENT	PURPOSE CODE	PERCENT
304 - STRUCTURES AND IMPROVEMENTS	100.00	REG COMP <3 YRS	100.00
	0.00		0.00
	0.00		0.00
	0.00	TOTAL	100%
TOTAL	100%		

PROBLEM OR OPPORTUNITY

City of Chattanooga is under a orders to make improvements to their sanitary sewers and address major issues. As a part of the
issues is to reduce Zinc in their sewer outflow that effects our abiliy to continue to send our residuals to the city. Since the Zinc is naturally occuring in the source water, Tennessee American must suspend the practice of sending residuals to the city and
treat the residuals on site.

INVESTIGATED OPTIONS

A review of being able to remove Zinc through the reduction or switching of Zinc Orphophospate or additonal treatment chemicals was
reviewed but due to the naturally occuring Zinc in the source of water for the facility, it was determined that on site treatment of
the sludge was optimal. In addition the review of the use of centrifuges and belt presses was undertaken and due to maintenance
cost reductions, centrifuges were recommonded.

RECOMMENDED SOLUTION

The use of centrifuges to dry the sludge and treat the residuals on site was the recommondation to address the removal of Zink from
the sanitary water discharge.

MEASURABLE BENEFITS Quantity: 1 Units: VIOLAT X

Eliminate the risk of not meeting the discharge requirements for sanitary sewer discharge to the City.

RETIREMENT INFORMATION

None

PROJECT DELIVERY - Preliminary Stage Deliverable:

Project design with the selection of a contractor at CM at Risk

Impl. Delivery Method: CONSTRUCTION MANAGEMENT AT RISK Project Delivery Risks: SCHEDULE

PROJECT RISKS DETAILS:

City of Chattanooga has imposed an aggresive schedule for Tennessee American to meet the requirements set forth in the permit.

Justification Forms

Company Name	Tennessee-American Water	FP Number:	I26-020032
District	TN-Chattanooga	FP Description	Wastewater Treatm't & Handling Impr
		Project Manager	O'Neill, Brent E.

IMPACTS & SCHEDULE

Project Impacts & Recovery

What is the anticipated Rate Impact?	0.1
If forward looking rate state, what is the approved rate?	0.1
Is project eligible for DSIC-type recovery?	
Is Project Expected to Impact Operating Expenses?	YES

OPEX Discussion:

Schedule Status

	Project Start Date	Implementation Start Date	In-Service Date	Completion Date	Critical Date	Reason for Critical Date
Forecast	05/01/2008	04/01/2014	07/17/2012	12/31/2014	12/31/2014	PERMIT REQUIREM
Authorize						
Prior						

Schedule Comments

Justification Forms

Company Name	Tennessee-American Water	FP Number:	I26-020032
District	TN-Chattanooga	FP Description	Wastewater Treatm't & Handling Impr
		Project Manager	O'Neill, Brent E.

COST

DETAILED ESTIMATE Additions	Latest Forecast	Latest Authorized			
			000	000	000
Planning Summary	0.00	0.00	0.00	0.00	0.00
Preliminary Summary	1,463,752.86	883,000.00	0.00	0.00	0.00
Implementation Summary	11,600,029.00	1,859,187.05	0.00	0.00	0.00
Planning Detail					
AW SUPERVISION	0.00	0.00	0.00	0.00	0.00
CAPITAL PURCHASES	0.00	0.00	0.00	0.00	0.00
CONSTRUCTION COSTS	0.00	0.00	0.00	0.00	0.00
LABOR COSTS	0.00	0.00	0.00	0.00	0.00
OTHER COSTS	0.00	0.00	0.00	0.00	0.00
PROFESSIONAL SERVICES	0.00	0.00	0.00	0.00	0.00
Preliminary Detail					
AW SUPERVISION	0.00	0.00	0.00	0.00	0.00
CAPITAL PURCHASES	0.00	0.00	0.00	0.00	0.00
CONSTRUCTION COSTS	52,039.47	0.00	0.00	0.00	0.00
LABOR COSTS	4,713.90	0.00	0.00	0.00	0.00
OTHER COSTS	182,276.99	0.00	0.00	0.00	0.00
PROFESSIONAL SERVICES	1,224,722.50	883,000.00	0.00	0.00	0.00
Implementation Detail					
AW SUPERVISION	0.00	0.00	0.00	0.00	0.00
CAPITAL PURCHASES	0.00	0.00	0.00	0.00	0.00
CONSTRUCTION COSTS	11,368,029.00	1,859,187.05	0.00	0.00	0.00
LABOR COSTS	0.00	0.00	0.00	0.00	0.00
OTHER COSTS	0.00	0.00	0.00	0.00	0.00
PROFESSIONAL SERVICES	232,000.00	0.00	0.00	0.00	0.00
Removals	500,000.00	0.00	0.00	0.00	0.00
AFUDC	123,269.08	1,002,872.17	0.00	0.00	0.00

Indirect Overhead	1,315,069.60	274,218.71	0.00	0.00	0.00
Contributions/ Advances	0.00	0.00	0.00	0.00	0.00
O&C	333,000.00	0.00	0.00	0.00	0.00
TOTAL	**15,335,120.54**	**4,019,277.93**	**0.00**	**0.00**	**0.00**
Annual Estimate					
Priors	114,790.00	0.00			
This Year	7,476,298.64	226,793.54			
This Year	7,744,031.90	2,892,484.39			
Balance Years	0.00	900,000.00			
TOTAL	**15,335,120.54**	**4,019,277.93**			

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 15-00111
SECOND DISCOVERY SET OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question: 02-008

Refer to the updated spreadsheet included in the Company's reply to CPAD Data Request Item 1-8. Specifically refer to the "WKP 2015 In-Serviced SCEP" tab in this updated spreadsheet. Please provide the source and support for the hard numbers now included in the prior year spend amounts for periods 11 and 12 for business units DV, A, B, C and D. In addition, please note that the spend amounts for periods 11 and 12 actually exceed the entire annual amounts in the prior period for business units DV and A. Please confirm or deny this error. If confirmed, please provide a corrected calculation. If denied, please provide a full explanation.

Response:

Tennessee American denies that this is an error. In the application in this case, Tennessee American included the file TAW_APP_SCH1_111115.xlsx, which Tennessee American updated to reflect actual 2014 expenditures in the calculation of the revenue requirement. The 2014 actual capital expenditure detail only pulled actual capital expenditures on the recurring project lines that were included in the capital riders, or were otherwise left blank. In creating the update, however, the 2015 SCEP information still pulled the prior year capital expenditures for the periods 11 and 12 from the 2014 SCEP, or budgeted information, not the actuals. The capital expenditures for prior periods 11 and 12 are used to calculate a three-month average, for some lines estimated in-service amounts.

In response to Item 1-8 of the CAPD's First Data Request, Tennessee American recalculated the 2015 SCEP in-service amounts using the 2014 actual capital expenditures for the periods 11 and 12. The numbers were hard-coded to reflect the actual expenditures for all lines, not just the lines that were eligible for capital riders, and the formulas revised to reflect the amount per utility account within each line. Because of this, it appears that the actual amounts for business units DV and A exceed the annual amount reflected on the 2014 actuals.

Please refer to CAPD 02-008_Attachment.xlsx for the detail related to the actual capex spend amounts in November and December 2014. For each business unit, these amounts were multiplied by the "Portion to Account" percentage in the "WKP 2015 In-Serviced SCEP" tab for the months of January and February 2015.

Tennessee-American Water Company **Docket No. 15-00111**
Response to CAPDR2-008
Capital Spend from November & December 2014 for DV, A, B, C, & D

Sum of amount		external_gl_account	charge_mo_yr					
		10700000		10700000 Total	25710000		25710000 Total	Grand Total
project type	charge_type	11/1/2014	12/1/2014		11/1/2014	12/1/2014		
DV	AFUDC Debt	158.31	82.18	240.49				240.49
	AFUDC Equity	143.39	74.44	217.83				217.83
	Contracted Services	4,929.65	33,004.15	37,933.80				37,933.80
	CWIP Accrual	18,490.69	44,836.92	63,327.61				63,327.61
	Labor	1,047.87	1,543.56	2,591.43				2,591.43
	Labor Overhead	412.48	638.69	1,051.17				1,051.17
	Licenses, Permits & Misc Fees	415.00	1,052.02	1,467.02				1,467.02
	Materials & Supplies	4,161.78	38,356.03	42,517.81				42,517.81
	Other	88.83	15,288.78	15,377.61				15,377.61
	Overhead	1,017.12	8,269.24	9,286.36				9,286.36
DV Total		**30,865.12**	**143,146.01**	**174,011.13**				**174,011.13**
A	AFUDC Debt	417.08	448.88	865.96				865.96
	AFUDC Equity	377.78	406.58	784.36				784.36
	Contracted Services	10,895.98	83,419.92	94,315.90				94,315.90
	CWIP Accrual	3,847.11	(18,586.50)	(14,739.39)				(14,739.39)
	Labor	1,092.08	(166.29)	925.79				925.79
	Labor Overhead	462.82	(70.64)	392.18				392.18
	Licenses, Permits & Misc Fees	500.00		500.00				500.00
	Materials & Supplies	996.63	5,443.47	6,440.10				6,440.10
	Other	1,873.28	13,510.91	15,384.19				15,384.19
	Overhead	1,455.51	8,715.52	10,171.03				10,171.03
A Total		**21,918.27**	**93,121.85**	**115,040.12**				**115,040.12**
B	AFUDC Debt	(72.88)	(1,467.30)	(1,540.18)				(1,540.18)
	AFUDC Equity	(66.00)	(1,329.06)	(1,395.06)				(1,395.06)
	Contracted Services	36,085.73	18,107.00	54,192.73	1,376.61	632.22	2,008.83	56,201.56
	CWIP Accrual	(54,481.03)	(67,779.07)	(122,260.10)	(3,462.58)	(2,795.18)	(6,257.76)	(128,517.86)
	Labor	151.58	313.02	464.60	9.75	4.67	14.42	479.02
	Labor Overhead	64.15	132.67	196.82	4.13	1.98	6.11	202.93
	Licenses, Permits & Misc Fees		293.49	293.49		8.03	8.03	301.52
	Materials & Supplies	14,266.87	490.73	14,757.60	3.84	(1.45)	2.39	14,759.99
	Other	27,081.36	40,256.62	67,337.98	1,519.90	733.04	2,252.94	69,590.92
	Overhead	5,531.85	4,380.78	9,912.63	268.12	126.83	394.95	10,307.58
B Total		**28,561.63**	**(6,601.12)**	**21,960.51**	**(280.23)**	**(1,289.86)**	**(1,570.09)**	**20,390.42**
C	AFUDC Debt	853.75	716.18	1,569.93				1,569.93
	AFUDC Equity	773.31	648.71	1,422.02				1,422.02
	Contracted Services	2,508.57	2,353.00	4,861.57	0.62	7.15	7.77	4,869.34
	CWIP Accrual	4,873.45	15,319.04	20,192.49	1,158.39	4,152.95	5,311.34	25,503.83
	Labor	13,730.89	22,464.14	36,195.03	2,898.02	4,814.31	7,712.33	43,907.36
	Labor Overhead	5,807.83	10,759.72	16,567.55	1,219.36	2,274.93	3,494.29	20,061.84
	Licenses, Permits & Misc Fees	2,038.81		2,038.81	481.19		481.19	2,520.00
	Materials & Supplies	4,418.58	3,187.57	7,606.15	931.98	51.06	983.04	8,589.19
	Other	(212.03)	42,710.38	42,498.35	(651.85)	10,372.83	9,720.98	52,219.33
	Overhead	2,329.72	6,920.29	9,250.01	384.42	1,639.67	2,024.09	11,274.10
C Total		**37,122.88**	**105,079.03**	**142,201.91**	**6,422.13**	**23,312.90**	**29,735.03**	**171,936.94**
D	AFUDC Debt	640.65	614.73	1,255.38				1,255.38
	AFUDC Equity	580.29	556.81	1,137.10				1,137.10
	Contracted Services	9,815.04	55,369.94	65,184.98	1,066.80	19,492.18	20,558.98	85,743.96
	CWIP Accrual	25,324.03	(49,862.60)	(24,538.57)	6,146.33	(16,585.76)	(10,439.43)	(34,978.00)
	Labor	207.86	355.92	563.78	65.16	128.07	193.23	757.01
	Labor Overhead	88.03	150.71	238.74	27.62	54.27	81.89	320.63
	Materials & Supplies	(61.96)	4,335.14	4,273.18	(3.25)	1,857.94	1,854.69	6,127.87
	Other	7,516.18	369.33	7,885.51	1,242.30	156.20	1,398.50	9,284.01
	Overhead	1,616.00	5,171.10	6,787.10	220.68	1,995.35	2,216.03	9,003.13
D Total		**45,726.12**	**17,061.08**	**62,787.20**	**8,765.64**	**7,098.25**	**15,863.89**	**78,651.09**
Grand Total		**164,194.02**	**351,806.85**	**516,000.87**	**14,907.54**	**29,121.29**	**44,028.83**	**560,029.70**

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company_c	work_order_number	charge_type	external_co	cost_eleme	charge_mo_yr	external_gl_	work_order_description	amount	project type
1026-Tenne	R26-02D1.14-P-0009	Contracted	53150000	Contr Svc-O	December-14	10700000	Calhoun Avenue 16" relocation with	373.57	D
1026-Tenne	R26-02D1.14-P-0004	Contracted	53150000	Contr Svc-O	December-14	25710000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	18283.5	D
1026-Tenne	R26-02B1.14-P-0007	Contracted	53150000	Contr Svc-O	December-14	25710000	Sunbeam Ave Main Replacement. Inst	380.9	B
1026-Tenne	R26-02D1.14-P-0003	Contracted	53150000	Contr Svc-O	November-14	25710000	WISDOM ST 10" OFFSET FOR STORM DRAI	364.38	D
1026-Tenne	R26-02C1.14-P-0001	Other	55000100	Trans Cap C	December-14	25710000	Mains-Unscheduled	313.33	C
1026-Tenne	D26-0201-P-0482	Other	55000100	Trans Cap C	November-14	10700000	The Colony at Normal Park	4.73	DV
1026-Tenne	R26-02B1.13-P-0021	Other	55000100	Trans Cap C	November-14	10700000	INSTALL 645'-6" MAIN IN CRESCENT PA	2.42	B
1026-Tenne	R26-02B1.13-P-0022	Other	55000100	Trans Cap C	November-14	10700000	INSTALL 575' -6" MAIN IN 1ST AVENUE	1.51	B
1026-Tenne	R26-02A1.14-P-0002	Other	55000100	Trans Cap C	December-14	10700000	OLAN MILLS DR 12" MAIN RELOCATION	-0.81	A
1026-Tenne	R26-05B1.14-P-0002	Other	55720100	Ins W/C Cap	November-14	10700000	W. GEORGIA AVE MAIN REPLACEMENT	3.42	B
1026-Tenne	R26-05C1.14-P-0001	Other	55720100	Ins W/C Cap	November-14	10700000	Unscheduled Main Replacements	27.89	C
1026-Tenne	R26-02D1.14-P-0009	Other	55720100	Ins W/C Cap	December-14	10700000	Calhoun Avenue 16" relocation with	1.92	D
1026-Tenne	D26-0201-P-0485	Other	55720100	Ins W/C Cap	December-14	10700000	The Ridges at Black Creek	25.39	DV
1026-Tenne	D26-0201-P-0464	Other	55720100	Ins W/C Cap	December-14	10700000	CITY OF CHATTANOOGA'S 40 FH FOR 201	-0.24	DV
1026-Tenne	R26-05C1.14-P-0001	Other	55720100	Ins W/C Cap	December-14	25710000	Unscheduled Main Replacements	0.02	C
1026-Tenne	R26-05A1.14-P-0002	Other	55720100	Ins W/C Cap	November-14	10700000	Whitwell- Dunlap Interconnect	9.52	A
1026-Tenne	D26-0201-P-0482	Other	55720100	Ins W/C Cap	November-14	10700000	The Colony at Normal Park	1.43	DV
1026-Tenne	R26-02B1.14-P-0007	Other	55720100	Ins W/C Cap	December-14	10700000	Sunbeam Ave Main Replacement. Inst	1.86	B
1026-Tenne	D26-0201-P-0484	Overhead	52801100	Indirect OH	December-14	10700000	Edgewood Ln Install 195'-4" Main	-77.18	DV
1026-Tenne	D26-0201-P-0485	Overhead	52801100	Indirect OH	December-14	10700000	The Ridges at Black Creek	188.81	DV
1026-Tenne	R26-02B1.13-P-0026	Overhead	52801100	Indirect OH	December-14	10700000	INSTALL 6" MAIN IN MICHIGAN AVE	8.63	B
1026-Tenne	D26-0201-P-0473	Overhead	52801100	Indirect OH	December-14	10700000	MLK BLVD 130'-6 MAIN EXTENSION IN A	23.9	DV
1026-Tenne	R26-02D1.14-P-0004	Overhead	52805100	Indirect OH	November-14	25710000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	156.38	D
1026-Tenne	R26-02C1.14-P-0002	Overhead	52805100	Indirect OH	December-14	25710000	MEMORIAL DRIVE 16" MAIN REPAIR	0.61	C
1026-Tenne	R26-02D1.14-P-0009	Contracted	53110000	Contr Svc-Er	December-14	10700000	Calhoun Avenue 16" relocation with	3260	D
1026-Tenne	R26-02B1.14-P-0005	Contracted	53110000	Contr Svc-Er	November-14	25710000	Silverdale Wrkhouse 12" main instal	1.41	B
1026-Tenne	R26-02D1.14-P-0004	Contracted	53110000	Contr Svc-Er	December-14	25710000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	566.21	D
1026-Tenne	R26-02D1.14-P-0005	Contracted	53110000	Contr Svc-Er	December-14	25710000	iGOU GAP AND jENKINS RD - 4-8" OFFS	1.24	D
1026-Tenne	R26-02D1.14-P-0004	Contracted	53110000	Contr Svc-Er	November-14	10700000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	1555.61	D
1026-Tenne	R26-05A1.14-P-0003	Other	62520700	Misc Main P	December-14	10700000	Hwy 28 12 and 8 DI Main Extension	12693.5	A
1026-Tenne	D26-0201-P-0471	Other	62520700	Misc Main P	December-14	10700000	Cameron Harbor Lofts 2772'-8" main	14713.7	DV
1026-Tenne	R26-02B1.14-P-0007	Other	62520700	Misc Main P	November-14	25710000	Sunbeam Ave Main Replacement. Inst	579.23	B
1026-Tenne	D26-0201-P-0464	AFUDC Equi	70510000	AFUDC-Equi	November-14	10700000	CITY OF CHATTANOOGA'S 40 FH FOR 201	143.39	DV
1026-Tenne	R26-02D1.14-P-0009	AFUDC Equi	70510000	AFUDC-Equi	December-14	10700000	Calhoun Avenue 16" relocation with	64.22	D
1026-Tenne	R26-02B1.13-P-0011	AFUDC Equi	70510000	AFUDC-Equi	November-14	10700000	MYRTLE AVE 6" MAIN EXTENSION	0.01	B
1026-Tenne	R26-02D1.14-P-0005	AFUDC Equi	70510000	AFUDC-Equi	November-14	10700000	iGOU GAP AND jENKINS RD - 4-8" OFFS	23.98	D
1026-Tenne	R26-02D1.14-P-0001	AFUDC Equi	70510000	AFUDC-Equi	November-14	10700000	Work Order	0.29	D
1026-Tenne	R26-02D1.14-P-0003	AFUDC Equi	70510000	AFUDC-Equi	December-14	10700000	WISDOM ST 10" OFFSET FOR STORM DRAI	47.86	D
1026-Tenne	R26-02B1.13-P-0027	AFUDC Equi	70510000	AFUDC-Equi	December-14	10700000	INSTALL 6" MAIN IN STANDIFER DRIVE	5.27	B
1026-Tenne	R26-02B1.14-P-0002	AFUDC Equi	70510000	AFUDC-Equi	December-14	10700000	INSTALL 1152'-6" MAIN IN STANDIFER	0.07	B
1026-Tenne	R26-02B1.13-P-0020	AFUDC Equi	70510000	AFUDC-Equi	November-14	10700000	INSTALL 860'-8" MAIN & FH IN CASTLE	244.28	B
1026-Tenne	R26-02C1.13-P-0004	AFUDC Equi	70510000	AFUDC-Equi	November-14	10700000	REPLACE 30" PIPE IN BLACKFORD ST	722.41	C

company_c	work_order_number	charge_type	external_co	cost_eleme	charge_mo_yr	external_gl_	work_order_description	amount	project type
1026-Tenne	D26-0201-P-0482	CWIP Accru	52801200	Capital Acc	November-14	10700000	The Colony at Normal Park	5862.75	DV
1026-Tenne	R26-02B1.14-P-0007	CWIP Accru	52801200	Capital Acc	November-14	10700000	Sunbeam Ave Main Replacement. Inst	-10460.32	B
1026-Tenne	R26-02D1.11-P-0001	CWIP Accru	52801200	Capital Acc	December-14	10700000	US27 BTN RIVERFRONT RELOCATION MAIN	0	D
1026-Tenne	D26-0201-P-0479	CWIP Accru	52801200	Capital Acc	December-14	10700000	HIGHWAY 58 FIRE HYDRANT PANDORA MOT	-7168.94	DV
1026-Tenne	R26-02C1.14-P-0002	CWIP Accru	52801200	Capital Acc	November-14	25710000	MEMORIAL DRIVE 16" MAIN REPAIR	-5.01	C
1026-Tenne	R26-02D1.14-P-0004	CWIP Accru	52801200	Capital Acc	November-14	25710000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	5317.43	D
1026-Tenne	R26-02D1.14-P-0009	CWIP Accru	52801200	Capital Acc	November-14	25710000	Calhoun Avenue 16" relocation with	261.75	D
1026-Tenne	R26-02C1.14-P-0002	CWIP Accru	52801200	Capital Acc	December-14	25710000	MEMORIAL DRIVE 16" MAIN REPAIR	-100.22	C
1026-Tenne	R26-02D1.14-P-0011	CWIP Accru	52801200	Capital Acc	December-14	25710000	Seneca Ave Offset 8" Main around 2	846.69	D
1026-Tenne	R26-05B1.14-P-0002	Labor Overh	68533100	FICA Cap Cr	November-14	10700000	W. GEORGIA AVE MAIN REPLACEMENT	13.03	B
1026-Tenne	D26-0201-P-0467	Labor Overh	68533100	FICA Cap Cr	December-14	10700000	INSTALL 640'-6" MAIN IN NO WAKE CIR	17.88	DV
1026-Tenne	R26-02D1.14-P-0009	Labor Overh	68533100	FICA Cap Cr	December-14	10700000	Calhoun Avenue 16" relocation with	7.27	D
1026-Tenne	D26-0201-P-0464	Labor Overh	68533100	FICA Cap Cr	December-14	10700000	CITY OF CHATTANOOGA'S 40 FH FOR 201	-0.94	DV
1026-Tenne	R26-02D1.14-P-0004	Labor Overh	68533100	FICA Cap Cr	December-14	25710000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	8.31	D
1026-Tenne	D26-0201-P-0482	Labor Overh	68533100	FICA Cap Cr	December-14	10700000	The Colony at Normal Park	-1.86	DV
1026-Tenne	D26-0201-P-0479	Labor	50109900	Labor Cap C	November-14	10700000	HIGHWAY 58 FIRE HYDRANT PANDORA MOT	48.08	DV
1026-Tenne	D26-0201-P-0483	Labor	50109900	Labor Cap C	December-14	10700000	Brookside Commons Subdivision	186.29	DV
1026-Tenne	R26-02C1.14-P-0002	Labor	50109900	Labor Cap C	November-14	10700000	MEMORIAL DRIVE 16" MAIN REPAIR	47.15	C
1026-Tenne	R26-02C1.14-P-0001	Labor	50119900	LaborNSOT	November-14	10700000	Mains-Unscheduled	3567.02	C
1026-Tenne	R26-02C1.14-P-0001	Labor	50119900	LaborNSOT	November-14	25710000	Mains-Unscheduled	841.86	C
1026-Tenne	R26-02D1.14-P-0009	Labor Overh	50421100	401k Exp Ca	December-14	10700000	Calhoun Avenue 16" relocation with	3.86	D
1026-Tenne	D26-0201-P-0483	Labor Overh	50421100	401k Exp Ca	December-14	10700000	Brookside Commons Subdivision	7.45	DV
1026-Tenne	R26-02D1.14-P-0004	Labor Overh	50421100	401k Exp Ca	November-14	10700000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	4.52	D
1026-Tenne	R26-05C1.14-P-0001	Labor Overh	50422100	DCP Exp Cap	November-14	10700000	Unscheduled Main Replacements	65.71	C
1026-Tenne	D26-0201-P-0484	Labor Overh	50422100	DCP Exp Cap	December-14	10700000	Edgewood Ln Install 195'-4" Main	-5.72	DV
1026-Tenne	D26-0201-P-0467	Labor Overh	50422100	DCP Exp Cap	December-14	10700000	INSTALL 640'-6" MAIN IN NO WAKE CIR	9.92	DV
1026-Tenne	D26-0201-P-0485	Labor Overh	50422100	DCP Exp Cap	December-14	10700000	The Ridges at Black Creek	62.66	DV
1026-Tenne	R26-05B1.14-P-0002	Labor Overh	50422100	DCP Exp Cap	December-14	10700000	W. GEORGIA AVE MAIN REPLACEMENT	11.47	B
1026-Tenne	R26-02D1.14-P-0009	Labor Overh	50422100	DCP Exp Cap	November-14	25710000	Calhoun Avenue 16" relocation with	0.88	D
1026-Tenne	R26-05A1.14-P-0002	Labor Overh	50422100	DCP Exp Cap	November-14	10700000	Whitwell- Dunlap Interconnect	25.43	A
1026-Tenne	D26-0201-P-0484	Labor Overh	50510100	PBOP Cap C	November-14	10700000	Edgewood Ln Install 195'-4" Main	40.88	DV
1026-Tenne	R26-02B1.14-P-0007	Labor Overh	50510100	PBOP Cap C	December-14	25710000	Sunbeam Ave Main Replacement. Inst	0.35	B
1026-Tenne	R26-05C1.14-P-0001	Labor Overh	50550100	Group Ins Ca	December-14	10700000	Unscheduled Main Replacements	470	C
1026-Tenne	D26-0201-P-0467	Labor Overh	50550100	Group Ins Ca	December-14	10700000	INSTALL 640'-6" MAIN IN NO WAKE CIR	20.41	DV
1026-Tenne	R26-02D1.14-P-0009	Labor Overh	50550100	Group Ins Ca	December-14	10700000	Calhoun Avenue 16" relocation with	10.42	D
1026-Tenne	R26-02B1.14-P-0007	Labor Overh	50550100	Group Ins Ca	November-14	25710000	Sunbeam Ave Main Replacement. Inst	-0.46	B
1026-Tenne	R26-02D1.14-P-0004	Labor Overh	50550100	Group Ins Ca	December-14	25710000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	11.91	D
1026-Tenne	R26-02C1.14-P-0002	Labor Overh	50550100	Group Ins Ca	November-14	10700000	MEMORIAL DRIVE 16" MAIN REPAIR	5.06	C
1026-Tenne	D26-0201-P-0482	Labor Overh	50550100	Group Ins Ca	November-14	10700000	The Colony at Normal Park	0.23	DV
1026-Tenne	R26-02B1.14-P-0007	Labor Overh	50550100	Group Ins Ca	December-14	10700000	Sunbeam Ave Main Replacement. Inst	10.16	B
1026-Tenne	R26-05C1.14-P-0001	Labor Overh	50610100	Pension Cap	December-14	10700000	Unscheduled Main Replacements	152.29	C
1026-Tenne	R26-02D1.14-P-0004	Labor Overh	50610100	Pension Cap	December-14	25710000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	8.18	D

company_c	work_order_number	charge_type	external_co	cost_eleme	charge_mo_yr	external_gl_	work_order_description	amount	project type
1026-Tenne	R26-05A1.14-P-0003	Materials &	52000000	M&S Natura	December-14	10700000	Hwy 28 12 and 8 DI Main Extension	4903.18	A
1026-Tenne	R26-02B1.13-P-0020	Materials &	52000000	M&S Natura	December-14	25710000	INSTALL 860'-8" MAIN & FH IN CASTLE	-35.99	B
1026-Tenne	R26-02B1.13-P-0022	Materials &	52000000	M&S Natura	December-14	25710000	INSTALL 575' -6" MAIN IN 1ST AVENUE	33.88	B
1026-Tenne	R26-02D1.14-P-0004	Materials &	52000000	M&S Natura	December-14	10700000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	4335.14	D
1026-Tenne	R26-02D1.14-P-0009	AFUDC Debt	85000000	AFUDC Debt	November-14	10700000	Calhoun Avenue 16" relocation with	66.51	D
1026-Tenne	R26-02D1.14-P-0003	AFUDC Debt	85000000	AFUDC Debt	December-14	10700000	WISDOM ST 10" OFFSET FOR STORM DRAI	52.83	D
1026-Tenne	R26-02B1.14-P-0002	AFUDC Debt	85000000	AFUDC Debt	December-14	10700000	INSTALL 1152'-6" MAIN IN STANDIFER	0.08	B
1026-Tenne	R26-02B1.13-P-0020	AFUDC Debt	85000000	AFUDC Debt	November-14	10700000	INSTALL 860'-8" MAIN & FH IN CASTLE	269.69	B
1026-Tenne	R26-02C1.13-P-0004	AFUDC Debt	85000000	AFUDC Debt	November-14	10700000	REPLACE 30" PIPE IN BLACKFORD ST	797.55	C
1026-Tenne	R26-02B1.14-P-0005	AFUDC Debt	85000000	AFUDC Debt	November-14	10700000	Silverdale Wrkhouse 12" main instal	-862.32	B
1026-Tenne	R26-02B1.14-P-0007	AFUDC Debt	85000000	AFUDC Debt	December-14	10700000	Sunbeam Ave Main Replacement. Inst	-133.41	B
1026-Tenne	R26-02B1.13-P-0022	AFUDC Debt	85000000	AFUDC Debt	December-14	10700000	INSTALL 575' -6" MAIN IN 1ST AVENUE	-253.48	B
1026-Tenne	R26-05A1.14-P-0003	Contracted	53150000	Contr Svc-O	December-14	10700000	Hwy 28 12 and 8 DI Main Extension	55500	A
1026-Tenne	R26-02B1.13-P-0022	Contracted	53150000	Contr Svc-O	November-14	25710000	INSTALL 575' -6" MAIN IN 1ST AVENUE	417.17	B
1026-Tenne	R26-02A1.14-P-0002	Contracted	53150000	Contr Svc-O	December-14	10700000	OLAN MILLS DR 12" MAIN RELOCATION	26090.13	A
1026-Tenne	D26-0201-P-0484	Other	55000100	Trans Cap C	November-14	10700000	Edgewood Ln Install 195'-4" Main	35.39	DV
1026-Tenne	R26-05C1.14-P-0001	Other	55000100	Trans Cap C	November-14	10700000	Unscheduled Main Replacements	92.22	C
1026-Tenne	D26-0201-P-0485	Other	55000100	Trans Cap C	December-14	10700000	The Ridges at Black Creek	83.97	DV
1026-Tenne	R26-02B1.13-P-0022	Other	55000100	Trans Cap C	November-14	25710000	INSTALL 575' -6" MAIN IN 1ST AVENUE	0.11	B
1026-Tenne	R26-02D1.14-P-0004	Other	55000100	Trans Cap C	November-14	10700000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	7.35	D
1026-Tenne	R26-05C1.14-P-0001	Other	55720100	Ins W/C Cap	December-14	10700000	Unscheduled Main Replacements	40.68	C
1026-Tenne	R26-02D1.14-P-0009	Other	55720100	Ins W/C Cap	November-14	25710000	Calhoun Avenue 16" relocation with	0.33	D
1026-Tenne	R26-02D1.14-P-0009	Other	55720100	Ins W/C Cap	December-14	25710000	Calhoun Avenue 16" relocation with	0.33	D
1026-Tenne	R26-05A1.14-P-0002	Other	55720100	Ins W/C Cap	December-14	10700000	Whitwell- Dunlap Interconnect	-1.71	A
1026-Tenne	R26-02C1.14-P-0001	Overhead	52801100	Indirect OH	November-14	10700000	Mains-Unscheduled	1626.59	C
1026-Tenne	D26-0201-P-0471	Overhead	52801100	Indirect OH	December-14	10700000	Cameron Harbor Lofts 2772'-8" main	3541.52	DV
1026-Tenne	R26-02A1.14-P-0002	Overhead	52801100	Indirect OH	November-14	10700000	OLAN MILLS DR 12" MAIN RELOCATION	1261.38	A
1026-Tenne	R26-02B1.13-P-0021	Overhead	52801100	Indirect OH	November-14	10700000	INSTALL 645'-6" MAIN IN CRESCENT PA	16.13	B
1026-Tenne	R26-02C1.14-P-0002	Overhead	52805100	Indirect OH	November-14	25710000	MEMORIAL DRIVE 16" MAIN REPAIR	0.35	C
1026-Tenne	R26-02B1.14-P-0007	Overhead	52805100	Indirect OH	December-14	25710000	Sunbeam Ave Main Replacement. Inst	126.28	B
1026-Tenne	R26-02D1.14-P-0003	Overhead	52805100	Indirect OH	November-14	25710000	WISDOM ST 10" OFFSET FOR STORM DRAI	62.27	D
1026-Tenne	R26-02C1.14-P-0001	Overhead	52805100	Indirect OH	November-14	25710000	Mains-Unscheduled	383.9	C
1026-Tenne	R26-02D1.14-P-0009	Overhead	52805100	Indirect OH	December-14	25710000	Calhoun Avenue 16" relocation with	61.37	D
1026-Tenne	R26-02B1.13-P-0025	Overhead	52805100	Indirect OH	December-14	25710000	INSTALL 8"& 6" MAIN IN W.47TH ST	0.46	B
1026-Tenne	R26-05B1.14-P-0002	Contracted	53110000	Contr Svc-Er	December-14	10700000	W. GEORGIA AVE MAIN REPLACEMENT	1857.05	B
1026-Tenne	R26-02B1.14-P-0007	Contracted	53110000	Contr Svc-Er	November-14	10700000	Sunbeam Ave Main Replacement. Inst	1076.89	B
1026-Tenne	R26-02C1.14-P-0001	Other	62520700	Misc Main P	November-14	10700000	Mains-Unscheduled	-4298.34	C
1026-Tenne	R26-02B1.13-P-0022	Other	62520700	Misc Main P	November-14	10700000	INSTALL 575' -6" MAIN IN 1ST AVENUE	13366.33	B
1026-Tenne	R26-02B1.13-P-0026	Licenses, Pe	62520800	Misc Maint	December-14	25710000	INSTALL 6" MAIN IN MICHIGAN AVE	1	B
1026-Tenne	D26-0201-P-0464	AFUDC Equi	70510000	AFUDC-Equi	December-14	10700000	CITY OF CHATTANOOGA'S 40 FH FOR 201	74.44	DV
1026-Tenne	R26-05A1.14-P-0002	AFUDC Equi	70510000	AFUDC-Equi	November-14	10700000	Whitwell- Dunlap Interconnect	33.61	A
1026-Tenne	R26-02B1.13-P-0011	AFUDC Equi	70510000	AFUDC-Equi	December-14	10700000	MYRTLE AVE 6" MAIN EXTENSION	0.01	B

company_c	work_order_number	charge_type	external_co	cost_eleme	charge_mo_yr	external_gl_	work_order_description	amount	project type
1026-Tenne	R26-02B1.13-P-0028	AFUDC Equi	70510000	AFUDC-Equi	December-14	10700000	INSTALL 8",6",&4" MAIN IN E. 35TH S	11.84	B
1026-Tenne	R26-02B1.14-P-0005	AFUDC Equi	70510000	AFUDC-Equi	November-14	10700000	Silverdale Wrkhouse 12" main instal	-781.08	B
1026-Tenne	R26-02A1.14-P-0002	AFUDC Equi	70510000	AFUDC-Equi	December-14	10700000	OLAN MILLS DR 12" MAIN RELOCATION	292.19	A
1026-Tenne	R26-02D1.14-P-0011	AFUDC Equi	70510000	AFUDC-Equi	December-14	10700000	Seneca Ave Offset 8" Main around 2	-3.35	D
1026-Tenne	R26-02D1.14-P-0009	CWIP Accru	52801200	Capital Acc	December-14	10700000	Calhoun Avenue 16" relocation with	-7106.96	D
1026-Tenne	R26-02D1.14-P-0003	CWIP Accru	52801200	Capital Acc	November-14	25710000	WISDOM ST 10" OFFSET FOR STORM DRAI	-641.15	D
1026-Tenne	R26-02D1.09-P-0006	CWIP Accru	52801200	Capital Acc	November-14	10700000	ENG FEES FOR RELOC E BRAINERD RD DI	0	D
1026-Tenne	R26-05A1.14-P-0003	Labor Overh	68533100	FICA Cap Cr	November-14	10700000	Hwy 28 12 and 8 DI Main Extension	43.77	A
1026-Tenne	D26-0201-P-0484	Labor Overh	68533100	FICA Cap Cr	December-14	10700000	Edgewood Ln Install 195'-4" Main	-9.81	DV
1026-Tenne	R26-02D1.14-P-0004	Labor Overh	68533100	FICA Cap Cr	December-14	10700000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	19.39	D
1026-Tenne	R26-02B1.14-P-0007	Labor Overh	68533100	FICA Cap Cr	December-14	10700000	Sunbeam Ave Main Replacement. Inst	7.11	B
1026-Tenne	D26-0201-P-0464	Labor	50109900	Labor Cap C	November-14	10700000	CITY OF CHATTANOOGA'S 40 FH FOR 201	37.23	DV
1026-Tenne	R26-05C1.14-P-0001	Labor	50109900	Labor Cap C	November-14	10700000	Unscheduled Main Replacements	1197.42	C
1026-Tenne	D26-0201-P-0484	Labor	50109900	Labor Cap C	November-14	10700000	Edgewood Ln Install 195'-4" Main	543.72	DV
1026-Tenne	R26-02B1.13-P-0021	Labor	50109900	Labor Cap C	November-14	25710000	INSTALL 645'-6" MAIN IN CRESCENT PA	12.41	B
1026-Tenne	R26-05A1.14-P-0002	Labor	50109900	Labor Cap C	November-14	10700000	Whitwell- Dunlap Interconnect	483.99	A
1026-Tenne	R26-05A1.14-P-0002	Labor	50109900	Labor Cap C	December-14	10700000	Whitwell- Dunlap Interconnect	-86.87	A
1026-Tenne	R26-02D1.14-P-0004	Labor	50109900	Labor Cap C	November-14	10700000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	112.93	D
1026-Tenne	R26-02B1.13-P-0022	Labor	50109900	Labor Cap C	November-14	10700000	INSTALL 575' -6" MAIN IN 1ST AVENUE	23.19	B
1026-Tenne	R26-02C1.14-P-0001	Labor	50119900	LaborNSOT	December-14	10700000	Mains-Unscheduled	4785.21	C
1026-Tenne	D26-0201-P-0483	Labor Overh	50421100	401k Exp Ca	November-14	10700000	Brookside Commons Subdivision	13.13	DV
1026-Tenne	R26-05C1.14-P-0001	Labor Overh	50421100	401k Exp Ca	December-14	25710000	Unscheduled Main Replacements	0.02	C
1026-Tenne	R26-02A1.14-P-0002	Labor Overh	50421100	401k Exp Ca	November-14	10700000	OLAN MILLS DR 12" MAIN RELOCATION	0.98	A
1026-Tenne	R26-02A1.14-P-0002	Labor Overh	50421100	401k Exp Ca	December-14	10700000	OLAN MILLS DR 12" MAIN RELOCATION	-0.5	A
1026-Tenne	R26-02B1.13-P-0021	Labor Overh	50422100	DCP Exp Cap	November-14	25710000	INSTALL 645'-6" MAIN IN CRESCENT PA	0.65	B
1026-Tenne	R26-02D1.14-P-0004	Labor Overh	50422100	DCP Exp Cap	November-14	25710000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	2.53	D
1026-Tenne	R26-02D1.14-P-0009	Labor Overh	50422100	DCP Exp Cap	December-14	25710000	Calhoun Avenue 16" relocation with	0.9	D
1026-Tenne	R26-02B1.14-P-0007	Labor Overh	50422100	DCP Exp Cap	November-14	10700000	Sunbeam Ave Main Replacement. Inst	-4.35	B
1026-Tenne	R26-02D1.14-P-0004	Labor Overh	50422100	DCP Exp Cap	December-14	10700000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	13.59	D
1026-Tenne	R26-02C1.14-P-0001	Labor Overh	50426100	Retiree Mec	December-14	25710000	Mains-Unscheduled	9.27	C
1026-Tenne	D26-0201-P-0483	Labor Overh	50510100	PBOP Cap C	November-14	10700000	Brookside Commons Subdivision	26.03	DV
1026-Tenne	R26-02C1.14-P-0001	Labor Overh	50510100	PBOP Cap C	November-14	10700000	Mains-Unscheduled	922.24	C
1026-Tenne	R26-02D1.14-P-0009	Labor Overh	50510100	PBOP Cap C	December-14	10700000	Calhoun Avenue 16" relocation with	7.29	D
1026-Tenne	D26-0201-P-0464	Labor Overh	50510100	PBOP Cap C	December-14	10700000	CITY OF CHATTANOOGA'S 40 FH FOR 201	-0.93	DV
1026-Tenne	R26-02D1.14-P-0004	Labor Overh	50510100	PBOP Cap C	November-14	10700000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	8.49	D
1026-Tenne	D26-0201-P-0482	Labor Overh	50510100	PBOP Cap C	November-14	10700000	The Colony at Normal Park	5.46	DV
1026-Tenne	R26-02B1.14-P-0007	Labor Overh	50510100	PBOP Cap C	December-14	10700000	Sunbeam Ave Main Replacement. Inst	7.11	B
1026-Tenne	D26-0201-P-0484	Labor Overh	50550100	Group Ins Ca	November-14	10700000	Edgewood Ln Install 195'-4" Main	52.13	DV
1026-Tenne	R26-02C1.14-P-0001	Labor Overh	50550100	Group Ins Ca	December-14	10700000	Mains-Unscheduled	3839.61	C
1026-Tenne	D26-0201-P-0485	Labor Overh	50550100	Group Ins Ca	December-14	10700000	The Ridges at Black Creek	128.73	DV
1026-Tenne	R26-02D1.14-P-0004	Labor Overh	50550100	Group Ins Ca	November-14	10700000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	12.14	D
1026-Tenne	R26-05C1.14-P-0001	Labor Overh	50610100	Pension Cap	November-14	10700000	Unscheduled Main Replacements	104.34	C

company_c	work_order_number	charge_type	external_co	cost_eleme	charge_mo_yr	external_gl_	work_order_description	amount	project type
1026-Tenne	R26-05A1.14-P-0003	Labor Overh	50610100	Pension Cap	December-14	10700000	Hwy 28 12 and 8 DI Main Extension	-4.94	A
1026-Tenne	D26-0201-P-0484	Labor Overh	50610100	Pension Cap	December-14	10700000	Edgewood Ln Install 195'-4" Main	-9.81	DV
1026-Tenne	R26-02D1.14-P-0009	Labor Overh	50610100	Pension Cap	December-14	25710000	Calhoun Avenue 16" relocation with	1.26	D
1026-Tenne	R26-02C1.14-P-0001	Materials &	52000000	M&S Natura	November-14	10700000	Mains-Unscheduled	3948.25	C
1026-Tenne	R26-05C1.14-P-0001	Materials &	52000000	M&S Natura	December-14	25710000	Unscheduled Main Replacements	0.36	C
1026-Tenne	R26-02A1.14-P-0002	Materials &	52000000	M&S Natura	December-14	10700000	OLAN MILLS DR 12" MAIN RELOCATION	540.29	A
1026-Tenne	D26-0201-P-0473	Materials &	52000000	M&S Natura	December-14	10700000	MLK BLVD 130'-6 MAIN EXTENSION IN A	259.79	DV
1026-Tenne	R26-02C1.14-P-0001	Other	52500000	MiscExp Nat	November-14	10700000	Mains-Unscheduled	492.93	C
1026-Tenne	R26-02B1.13-P-0028	AFUDC Debt	85000000	AFUDC Debt	November-14	10700000	INSTALL 8",6",&4" MAIN IN E. 35TH S	12.99	B
1026-Tenne	R26-02B1.13-P-0027	AFUDC Debt	85000000	AFUDC Debt	December-14	10700000	INSTALL 6" MAIN IN STANDIFER DRIVE	5.81	B
1026-Tenne	R26-02B1.14-P-0003	AFUDC Debt	85000000	AFUDC Debt	December-14	10700000	Install 535' of 6" on Michigan Ave	0.35	B
1026-Tenne	R26-02C1.13-P-0004	AFUDC Debt	85000000	AFUDC Debt	December-14	10700000	REPLACE 30" PIPE IN BLACKFORD ST	802.36	C
1026-Tenne	R26-02D1.14-P-0011	AFUDC Debt	85000000	AFUDC Debt	December-14	10700000	Seneca Ave Offset 8" Main around 2	-3.69	D
1026-Tenne	R26-05C1.14-P-0001	Contracted :	53150000	Contr Svc-O	November-14	10700000	Unscheduled Main Replacements	2508.57	C
1026-Tenne	D26-0201-P-0464	Contracted :	53150000	Contr Svc-O	December-14	10700000	CITY OF CHATTANOOGA'S 40 FH FOR 201	2308	DV
1026-Tenne	R26-05C1.14-P-0001	Contracted :	53150000	Contr Svc-O	December-14	25710000	Unscheduled Main Replacements	0.55	C
1026-Tenne	D26-0201-P-0464	Other	55000100	Trans Cap C	November-14	10700000	CITY OF CHATTANOOGA'S 40 FH FOR 201	2.42	DV
1026-Tenne	R26-02B1.14-P-0007	Other	55000100	Trans Cap C	December-14	25710000	Sunbeam Ave Main Replacement. Inst	0.3	B
1026-Tenne	R26-02D1.14-P-0009	Other	55000100	Trans Cap C	December-14	25710000	Calhoun Avenue 16" relocation with	1.12	D
1026-Tenne	R26-02D1.14-P-0009	Other	55720100	Ins W/C Cap	November-14	10700000	Calhoun Avenue 16" relocation with	1.87	D
1026-Tenne	D26-0201-P-0467	Other	55720100	Ins W/C Cap	December-14	10700000	INSTALL 640'-6" MAIN IN NO WAKE CIR	4.66	DV
1026-Tenne	R26-02B1.13-P-0022	Other	55720100	Ins W/C Cap	November-14	25710000	INSTALL 575' -6" MAIN IN 1ST AVENUE	0.03	B
1026-Tenne	R26-02B1.13-P-0021	Other	55720100	Ins W/C Cap	November-14	25710000	INSTALL 645'-6" MAIN IN CRESCENT PA	0.24	B
1026-Tenne	R26-02D1.14-P-0004	Other	55720100	Ins W/C Cap	December-14	25710000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	2.18	D
1026-Tenne	R26-02C1.14-P-0001	Other	55720100	Ins W/C Cap	November-14	25710000	Mains-Unscheduled	56.98	C
1026-Tenne	R26-02A1.14-P-0002	Other	55720100	Ins W/C Cap	December-14	10700000	OLAN MILLS DR 12" MAIN RELOCATION	-0.24	A
1026-Tenne	R26-05A1.14-P-0003	Overhead	52801100	Indirect OH	November-14	10700000	Hwy 28 12 and 8 DI Main Extension	80.96	A
1026-Tenne	R26-05C1.14-P-0001	Overhead	52801100	Indirect OH	November-14	10700000	Unscheduled Main Replacements	696.59	C
1026-Tenne	R26-02D1.11-P-0001	Overhead	52801100	Indirect OH	November-14	10700000	US27 BTN RIVERFRONT RELOCATION MAIN	60.49	D
1026-Tenne	D26-0201-P-0464	Overhead	52801100	Indirect OH	November-14	10700000	CITY OF CHATTANOOGA'S 40 FH FOR 201	-139.03	DV
1026-Tenne	D26-0201-P-0464	Overhead	52801100	Indirect OH	December-14	10700000	CITY OF CHATTANOOGA'S 40 FH FOR 201	410.58	DV
1026-Tenne	R26-05A1.14-P-0002	Overhead	52801100	Indirect OH	December-14	10700000	Whitwell- Dunlap Interconnect	-206.79	A
1026-Tenne	R26-02D1.14-P-0005	Overhead	52801100	Indirect OH	December-14	10700000	iGOU GAP AND jENKINS RD - 4-8" OFFS	4.91	D
1026-Tenne	R26-02D1.14-P-0011	Overhead	52801100	Indirect OH	November-14	10700000	Seneca Ave Offset 8" Main around 2	-5.7	D
1026-Tenne	D26-0201-P-0482	Overhead	52801100	Indirect OH	November-14	10700000	The Colony at Normal Park	37.92	DV
1026-Tenne	R26-02A1.14-P-0002	Overhead	52801100	Indirect OH	December-14	10700000	OLAN MILLS DR 12" MAIN RELOCATION	2607.17	A
1026-Tenne	R26-05A1.14-P-0002	Contracted :	53110000	Contr Svc-Er	December-14	10700000	Whitwell- Dunlap Interconnect	-2083.61	A
1026-Tenne	R26-02B1.13-P-0020	Contracted :	53110000	Contr Svc-Er	November-14	10700000	INSTALL 860'-8" MAIN & FH IN CASTLE	707.58	B
1026-Tenne	R26-02C1.14-P-0001	Other	62520700	Misc Main P	December-14	10700000	Mains-Unscheduled	39832.86	C
1026-Tenne	R26-02D1.14-P-0003	Other	62520700	Misc Main P	November-14	25710000	WISDOM ST 10" OFFSET FOR STORM DRAI	276.77	D
1026-Tenne	R26-02D1.14-P-0003	Other	62520700	Misc Main P	November-14	10700000	WISDOM ST 10" OFFSET FOR STORM DRAI	5258.57	D
1026-Tenne	R26-02B1.13-P-0006	AFUDC Equi	70510000	AFUDC-Equi	November-14	10700000	10TH AVE 560'- 8" MAIN EXTENSION	0.93	B

company_c	work_order_number	charge_type	external_co	cost_eleme	charge_mo_yr	external_gl_	work_order_description	amount	project type
1026-Tenne	R26-05D1.14-P-0001	AFUDC Equi	70510000	AFUDC-Equi	December-14	10700000	Work Order	1.36	D
1026-Tenne	R26-02A1.14-P-0002	AFUDC Equi	70510000	AFUDC-Equi	November-14	10700000	OLAN MILLS DR 12" MAIN RELOCATION	226.27	A
1026-Tenne	R26-02C1.13-P-0004	AFUDC Equi	70510000	AFUDC-Equi	December-14	10700000	REPLACE 30" PIPE IN BLACKFORD ST	726.76	C
1026-Tenne	R26-02D1.14-P-0004	CWIP Accru	52801200	Capital Acc	November-14	10700000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	12407.33	D
1026-Tenne	R26-02C1.14-P-0001	CWIP Accru	52801200	Capital Acc	November-14	10700000	Mains-Unscheduled	4929.49	C
1026-Tenne	R26-02B1.13-P-0021	CWIP Accru	52801200	Capital Acc	November-14	10700000	INSTALL 645'-6" MAIN IN CRESCENT PA	-3967.69	B
1026-Tenne	R26-02A1.14-P-0002	CWIP Accru	52801200	Capital Acc	December-14	10700000	OLAN MILLS DR 12" MAIN RELOCATION	-38155.1	A
1026-Tenne	D26-0201-P-0482	CWIP Accru	52801200	Capital Acc	December-14	10700000	The Colony at Normal Park	17589.25	DV
1026-Tenne	R26-02B1.14-P-0007	CWIP Accru	52801200	Capital Acc	December-14	10700000	Sunbeam Ave Main Replacement. Inst	-55420.18	B
1026-Tenne	R26-02D1.14-P-0011	CWIP Accru	52801200	Capital Acc	December-14	10700000	Seneca Ave Offset 8" Main around 2	-4730.82	D
1026-Tenne	R26-05C1.14-P-0001	CWIP Accru	52801200	Capital Acc	December-14	10700000	Unscheduled Main Replacements	-802.81	C
1026-Tenne	R26-02B1.13-P-0021	CWIP Accru	52801200	Capital Acc	November-14	25710000	INSTALL 645'-6" MAIN IN CRESCENT PA	-1322.56	B
1026-Tenne	R26-05A1.14-P-0003	Labor Overh	68533100	FICA Cap Cr	December-14	10700000	Hwy 28 12 and 8 DI Main Extension	-5.04	A
1026-Tenne	R26-02C1.14-P-0001	Labor Overh	68533100	FICA Cap Cr	December-14	10700000	Mains-Unscheduled	1509.61	C
1026-Tenne	R26-02D1.14-P-0009	Labor Overh	68533100	FICA Cap Cr	November-14	25710000	Calhoun Avenue 16" relocation with	1.26	D
1026-Tenne	R26-05C1.14-P-0001	Labor Overh	68533100	FICA Cap Cr	November-14	25710000	Unscheduled Main Replacements	0.03	C
1026-Tenne	R26-02C1.14-P-0002	Labor Overh	68533100	FICA Cap Cr	November-14	10700000	MEMORIAL DRIVE 16" MAIN REPAIR	3.54	C
1026-Tenne	R26-02C1.14-P-0002	Labor	50109900	Labor Cap C	November-14	25710000	MEMORIAL DRIVE 16" MAIN REPAIR	2.49	C
1026-Tenne	R26-05C1.14-P-0001	Labor	50109900	Labor Cap C	December-14	25710000	Unscheduled Main Replacements	0.51	C
1026-Tenne	D26-0201-P-0482	Labor	50109900	Labor Cap C	November-14	10700000	The Colony at Normal Park	72.6	DV
1026-Tenne	R26-02D1.14-P-0004	Labor	50109900	Labor Cap C	December-14	10700000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	258.87	D
1026-Tenne	R26-05C1.14-P-0001	Labor	50119900	LaborNSOT	November-14	10700000	Unscheduled Main Replacements	219.33	C
1026-Tenne	R26-02C1.14-P-0001	Labor	50119900	LaborNSOT	December-14	25710000	Mains-Unscheduled	1129.38	C
1026-Tenne	R26-02C1.14-P-0001	Labor Overh	50421100	401k Exp Ca	November-14	10700000	Mains-Unscheduled	266.94	C
1026-Tenne	R26-02B1.13-P-0021	Labor Overh	50421100	401k Exp Ca	November-14	10700000	INSTALL 645'-6" MAIN IN CRESCENT PA	1.49	B
1026-Tenne	R26-02B1.14-P-0007	Labor Overh	50421100	401k Exp Ca	December-14	10700000	Sunbeam Ave Main Replacement. Inst	3.79	B
1026-Tenne	D26-0201-P-0482	Labor Overh	50421100	401k Exp Ca	December-14	10700000	The Colony at Normal Park	-0.61	DV
1026-Tenne	R26-05C1.14-P-0001	Labor Overh	50422100	DCP Exp Cap	December-14	25710000	Unscheduled Main Replacements	0.03	C
1026-Tenne	R26-05A1.14-P-0003	Labor Overh	50510100	PBOP Cap C	November-14	10700000	Hwy 28 12 and 8 DI Main Extension	43.85	A
1026-Tenne	R26-02D1.14-P-0009	Labor Overh	50510100	PBOP Cap C	November-14	10700000	Calhoun Avenue 16" relocation with	7.14	D
1026-Tenne	D26-0201-P-0484	Labor Overh	50510100	PBOP Cap C	December-14	10700000	Edgewood Ln Install 195'-4" Main	-10.01	DV
1026-Tenne	R26-02D1.14-P-0009	Labor Overh	50510100	PBOP Cap C	November-14	25710000	Calhoun Avenue 16" relocation with	1.26	D
1026-Tenne	R26-02C1.14-P-0001	Labor Overh	50510100	PBOP Cap C	November-14	25710000	Mains-Unscheduled	217.65	C
1026-Tenne	R26-05A1.14-P-0002	Labor Overh	50510100	PBOP Cap C	December-14	10700000	Whitwell- Dunlap Interconnect	-6.53	A
1026-Tenne	R26-02D1.14-P-0004	Labor Overh	50550100	Group Ins Ca	November-14	25710000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	5.2	D
1026-Tenne	R26-02C1.14-P-0001	Labor Overh	50550100	Group Ins Ca	November-14	25710000	Mains-Unscheduled	414.19	C
1026-Tenne	R26-02D1.14-P-0009	Labor Overh	50550100	Group Ins Ca	November-14	25710000	Calhoun Avenue 16" relocation with	1.8	D
1026-Tenne	R26-05C1.14-P-0001	Labor Overh	50550100	Group Ins Ca	December-14	25710000	Unscheduled Main Replacements	0.12	C
1026-Tenne	R26-02B1.14-P-0007	Labor Overh	50610100	Pension Cap	November-14	25710000	Sunbeam Ave Main Replacement. Inst	-0.32	B
1026-Tenne	R26-02C1.14-P-0002	Labor Overh	50610100	Pension Cap	November-14	25710000	MEMORIAL DRIVE 16" MAIN REPAIR	0.18	C
1026-Tenne	R26-05A1.14-P-0002	Labor Overh	50610100	Pension Cap	November-14	10700000	Whitwell- Dunlap Interconnect	35.65	A
1026-Tenne	R26-02B1.13-P-0022	Labor Overh	50610100	Pension Cap	November-14	10700000	INSTALL 575' -6" MAIN IN 1ST AVENUE	1.71	B

company_c	work_order_number	charge_type	external_co	cost_eleme	charge_mo_yr	external_gl_	work_order_description	amount	project type
1026-Tenne	R26-02C1.14-P-0002	Labor Overh	50610100	Pension Cap	November-14	10700000	MEMORIAL DRIVE 16" MAIN REPAIR	3.48	C
1026-Tenne	D26-0201-P-0483	Materials &	52000000	M&S Natura	December-14	10700000	Brookside Commons Subdivision	23170.29	DV
1026-Tenne	D26-0201-P-0479	Materials &	52000000	M&S Natura	December-14	10700000	HIGHWAY 58 FIRE HYDRANT PANDORA MOT	116.79	DV
1026-Tenne	R26-02D1.14-P-0004	Materials &	52000000	M&S Natura	December-14	25710000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	1857.94	D
1026-Tenne	R26-02A1.14-P-0002	Materials &	52000000	M&S Natura	November-14	10700000	OLAN MILLS DR 12" MAIN RELOCATION	996.63	A
1026-Tenne	R26-02C1.15-P-0001	Materials &	52000000	M&S Natura	December-14	25710000	Work Order	126.33	C
1026-Tenne	R26-02B1.13-P-0022	Materials &	52000000	M&S Natura	December-14	10700000	INSTALL 575' -6" MAIN IN 1ST AVENUE	481.93	B
1026-Tenne	R26-05A1.14-P-0003	AFUDC Debt	85000000	AFUDC Debt	December-14	10700000	Hwy 28 12 and 8 DI Main Extension	23.81	A
1026-Tenne	R26-02B1.13-P-0026	AFUDC Debt	85000000	AFUDC Debt	December-14	10700000	INSTALL 6" MAIN IN MICHIGAN AVE	4.64	B
1026-Tenne	R26-02A1.13-P-0006	AFUDC Debt	85000000	AFUDC Debt	December-14	10700000	Mack Smith rd main extension	61.13	A
1026-Tenne	R26-02B1.13-P-0028	AFUDC Debt	85000000	AFUDC Debt	December-14	10700000	INSTALL 8",6",&4" MAIN IN E. 35TH S	13.07	B
1026-Tenne	R26-02A1.14-P-0002	AFUDC Debt	85000000	AFUDC Debt	December-14	10700000	OLAN MILLS DR 12" MAIN RELOCATION	322.58	A
1026-Tenne	R26-02D1.14-P-0009	Contracted	53150000	Contr Svc-O	December-14	25710000	Calhoun Avenue 16" relocation with	65.93	D
1026-Tenne	R26-02B1.13-P-0022	Contracted	53150000	Contr Svc-O	November-14	10700000	INSTALL 575' -6" MAIN IN 1ST AVENUE	5932.83	B
1026-Tenne	R26-05B1.14-P-0002	Other	55000100	Trans Cap C	November-14	10700000	W. GEORGIA AVE MAIN REPLACEMENT	11.31	B
1026-Tenne	R26-05C1.14-P-0001	Other	55000100	Trans Cap C	November-14	25710000	Unscheduled Main Replacements	0.02	C
1026-Tenne	D26-0201-P-0479	Other	55720100	Ins W/C Cap	November-14	10700000	HIGHWAY 58 FIRE HYDRANT PANDORA MOT	0.95	DV
1026-Tenne	D26-0201-P-0483	Other	55720100	Ins W/C Cap	November-14	10700000	Brookside Commons Subdivision	6.81	DV
1026-Tenne	R26-05B1.14-P-0002	Other	55720100	Ins W/C Cap	December-14	10700000	W. GEORGIA AVE MAIN REPLACEMENT	4.3	B
1026-Tenne	R26-02C1.14-P-0002	Other	55720100	Ins W/C Cap	November-14	25710000	MEMORIAL DRIVE 16" MAIN REPAIR	0.05	C
1026-Tenne	R26-05C1.14-P-0001	Other	55720100	Ins W/C Cap	November-14	25710000	Unscheduled Main Replacements	0	C
1026-Tenne	R26-02A1.14-P-0002	Other	55720100	Ins W/C Cap	November-14	10700000	OLAN MILLS DR 12" MAIN RELOCATION	0.49	A
1026-Tenne	D26-0201-P-0479	Overhead	52801100	Indirect OH	November-14	10700000	HIGHWAY 58 FIRE HYDRANT PANDORA MOT	-414.44	DV
1026-Tenne	R26-02C1.14-P-0001	Overhead	52801100	Indirect OH	December-14	10700000	Mains-Unscheduled	6535.36	C
1026-Tenne	R26-02D1.11-P-0001	Overhead	52801100	Indirect OH	December-14	10700000	US27 BTN RIVERFRONT RELOCATION MAIN	642.86	D
1026-Tenne	R26-02D1.14-P-0003	Overhead	52801100	Indirect OH	November-14	10700000	WISDOM ST 10" OFFSET FOR STORM DRAI	1183.17	D
1026-Tenne	R26-02B1.13-P-0020	Overhead	52801100	Indirect OH	November-14	10700000	INSTALL 860'-8" MAIN & FH IN CASTLE	65.1	B
1026-Tenne	R26-02B1.13-P-0022	Overhead	52801100	Indirect OH	December-14	10700000	INSTALL 575' -6" MAIN IN 1ST AVENUE	-133.35	B
1026-Tenne	R26-02C1.15-P-0001	Overhead	52801100	Indirect OH	December-14	10700000	Work Order	-3.88	C
1026-Tenne	R26-02B1.14-P-0007	Overhead	52805100	Indirect OH	November-14	25710000	Sunbeam Ave Main Replacement. Inst	124.34	B
1026-Tenne	R26-02B1.13-P-0020	Overhead	52805100	Indirect OH	November-14	25710000	INSTALL 860'-8" MAIN & FH IN CASTLE	4.88	B
1026-Tenne	R26-02B1.13-P-0022	Overhead	52805100	Indirect OH	November-14	25710000	INSTALL 575' -6" MAIN IN 1ST AVENUE	133.39	B
1026-Tenne	R26-02B1.13-P-0020	Overhead	52805100	Indirect OH	December-14	25710000	INSTALL 860'-8" MAIN & FH IN CASTLE	-3.31	B
1026-Tenne	R26-02D1.14-P-0009	Overhead	52805100	Indirect OH	November-14	25710000	Calhoun Avenue 16" relocation with	2.33	D
1026-Tenne	R26-02B1.13-P-0027	Overhead	52805100	Indirect OH	December-14	25710000	INSTALL 6" MAIN IN STANDIFER DRIVE	0.19	B
1026-Tenne	D26-0201-P-0479	Contracted	53110000	Contr Svc-Er	December-14	10700000	HIGHWAY 58 FIRE HYDRANT PANDORA MOT	1201.15	DV
1026-Tenne	R26-02C1.14-P-0002	Contracted	53110000	Contr Svc-Er	December-14	25710000	MEMORIAL DRIVE 16" MAIN REPAIR	6.6	C
1026-Tenne	R26-02D1.14-P-0009	Contracted	53110000	Contr Svc-Er	December-14	25710000	Calhoun Avenue 16" relocation with	575.3	D
1026-Tenne	R26-02D1.14-P-0004	Contracted	53110000	Contr Svc-Er	December-14	10700000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	1321.15	D
1026-Tenne	R26-02A1.14-P-0002	Contracted	53110000	Contr Svc-Er	December-14	10700000	OLAN MILLS DR 12" MAIN RELOCATION	3284.5	A
1026-Tenne	R26-05B1.14-P-0002	Other	62520700	Misc Main P	November-14	10700000	W. GEORGIA AVE MAIN REPLACEMENT	1895.4	B
1026-Tenne	R26-02D1.14-P-0004	Other	62520700	Misc Main P	November-14	25710000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	960	D

company_c	work_order_number	charge_type	external_co	cost_eleme	charge_mo_yr	external_gl_	work_order_description	amount	project type
1026-Tenne	R26-02D1.14-P-0004	Other	62520700	Misc Main P	December-14	10700000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	339.15	D
1026-Tenne	D26-0201-P-0485	Licenses, Pe	62520800	Misc Maint	December-14	10700000	The Ridges at Black Creek	122.02	DV
1026-Tenne	R26-02B1.13-P-0027	Licenses, Pe	62520800	Misc Maint	December-14	25710000	INSTALL 6" MAIN IN STANDIFER DRIVE	2.03	B
1026-Tenne	D26-0201-P-0482	Licenses, Pe	62520800	Misc Maint	November-14	10700000	The Colony at Normal Park	315	DV
1026-Tenne	R26-02B1.13-P-0025	AFUDC Equi	70510000	AFUDC-Equi	December-14	10700000	INSTALL 8"& 6" MAIN IN W.47TH ST	5.27	B
1026-Tenne	R26-02D1.09-P-0006	AFUDC Equi	70510000	AFUDC-Equi	December-14	10700000	ENG FEES FOR RELOC E BRAINERD RD DI	346.85	D
1026-Tenne	R26-02B1.13-P-0023	AFUDC Equi	70510000	AFUDC-Equi	December-14	10700000	INSTALL 300' OF 4" PIPE IN W 54TH.	0.26	B
1026-Tenne	R26-02B1.13-P-0021	AFUDC Equi	70510000	AFUDC-Equi	November-14	10700000	INSTALL 645'-6" MAIN IN CRESCENT PA	126.54	B
1026-Tenne	R26-02A1.14-P-0002	CWIP Accru	52801200	Capital Acc	November-14	10700000	OLAN MILLS DR 12" MAIN RELOCATION	-11062.89	A
1026-Tenne	R26-05A1.14-P-0003	CWIP Accru	52801200	Capital Acc	November-14	10700000	Hwy 28 12 and 8 DI Main Extension	14910	A
1026-Tenne	R26-02B1.13-P-0022	CWIP Accru	52801200	Capital Acc	December-14	10700000	INSTALL 575' -6" MAIN IN 1ST AVENUE	-408.85	B
1026-Tenne	R26-02B1.14-P-0007	CWIP Accru	52801200	Capital Acc	December-14	25710000	Sunbeam Ave Main Replacement. Inst	-2766.43	B
1026-Tenne	R26-02D1.14-P-0004	CWIP Accru	52801200	Capital Acc	December-14	25710000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	-16178.27	D
1026-Tenne	R26-05C1.14-P-0001	CWIP Accru	52801200	Capital Acc	December-14	25710000	Unscheduled Main Replacements	-0.2	C
1026-Tenne	R26-02D1.14-P-0003	CWIP Accru	52801200	Capital Acc	November-14	10700000	WISDOM ST 10" OFFSET FOR STORM DRAI	-12181.74	D
1026-Tenne	R26-05B1.14-P-0002	Labor Overh	68533100	FICA Cap Cr	December-14	10700000	W. GEORGIA AVE MAIN REPLACEMENT	16.38	B
1026-Tenne	R26-05A1.14-P-0002	Labor Overh	68533100	FICA Cap Cr	November-14	10700000	Whitwell- Dunlap Interconnect	36.29	A
1026-Tenne	R26-02B1.13-P-0021	Labor Overh	68533100	FICA Cap Cr	November-14	10700000	INSTALL 645'-6" MAIN IN CRESCENT PA	2.8	B
1026-Tenne	D26-0201-P-0483	Labor	50109900	Labor Cap C	November-14	10700000	Brookside Commons Subdivision	346.24	DV
1026-Tenne	D26-0201-P-0467	Labor	50109900	Labor Cap C	December-14	10700000	INSTALL 640'-6" MAIN IN NO WAKE CIR	237.03	DV
1026-Tenne	R26-05C1.14-P-0001	Labor	50109900	Labor Cap C	December-14	10700000	Unscheduled Main Replacements	2067.83	C
1026-Tenne	R26-02B1.13-P-0022	Labor	50109900	Labor Cap C	November-14	25710000	INSTALL 575' -6" MAIN IN 1ST AVENUE	1.63	B
1026-Tenne	R26-05C1.14-P-0001	Labor Overh	50421100	401k Exp Ca	December-14	10700000	Unscheduled Main Replacements	82.27	C
1026-Tenne	R26-02B1.14-P-0007	Labor Overh	50421100	401k Exp Ca	November-14	25710000	Sunbeam Ave Main Replacement. Inst	-0.17	B
1026-Tenne	R26-02B1.13-P-0021	Labor Overh	50421100	401k Exp Ca	November-14	25710000	INSTALL 645'-6" MAIN IN CRESCENT PA	0.5	B
1026-Tenne	R26-02B1.14-P-0007	Labor Overh	50421100	401k Exp Ca	December-14	25710000	Sunbeam Ave Main Replacement. Inst	0.19	B
1026-Tenne	R26-02C1.14-P-0001	Labor Overh	50421100	401k Exp Ca	December-14	25710000	Mains-Unscheduled	120.56	C
1026-Tenne	D26-0201-P-0482	Labor Overh	50421100	401k Exp Ca	November-14	10700000	The Colony at Normal Park	1.82	DV
1026-Tenne	R26-05A1.14-P-0003	Labor Overh	50422100	DCP Exp Cap	November-14	10700000	Hwy 28 12 and 8 DI Main Extension	30.65	A
1026-Tenne	D26-0201-P-0464	Labor Overh	50422100	DCP Exp Cap	November-14	10700000	CITY OF CHATTANOOGA'S 40 FH FOR 201	1.95	DV
1026-Tenne	D26-0201-P-0484	Labor Overh	50422100	DCP Exp Cap	November-14	10700000	Edgewood Ln Install 195'-4" Main	24.71	DV
1026-Tenne	R26-05C1.14-P-0001	Labor Overh	50422100	DCP Exp Cap	December-14	10700000	Unscheduled Main Replacements	111.09	C
1026-Tenne	R26-02C1.14-P-0001	Labor Overh	50422100	DCP Exp Cap	November-14	25710000	Mains-Unscheduled	95.62	C
1026-Tenne	R26-02C1.14-P-0001	Labor Overh	50422100	DCP Exp Cap	December-14	25710000	Mains-Unscheduled	165.87	C
1026-Tenne	D26-0201-P-0467	Labor Overh	50510100	PBOP Cap C	December-14	10700000	INSTALL 640'-6" MAIN IN NO WAKE CIR	17.82	DV
1026-Tenne	R26-02D1.14-P-0004	Labor Overh	50510100	PBOP Cap C	November-14	25710000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	3.64	D
1026-Tenne	R26-02B1.13-P-0022	Labor Overh	50510100	PBOP Cap C	November-14	25710000	INSTALL 575' -6" MAIN IN 1ST AVENUE	0.12	B
1026-Tenne	R26-02B1.13-P-0021	Labor Overh	50510100	PBOP Cap C	November-14	25710000	INSTALL 645'-6" MAIN IN CRESCENT PA	0.93	B
1026-Tenne	R26-05B1.14-P-0002	Labor Overh	50550100	Group Ins Ca	November-14	10700000	W. GEORGIA AVE MAIN REPLACEMENT	18.64	B
1026-Tenne	R26-05A1.14-P-0003	Labor Overh	50550100	Group Ins Ca	November-14	10700000	Hwy 28 12 and 8 DI Main Extension	62.67	A
1026-Tenne	D26-0201-P-0483	Labor Overh	50550100	Group Ins Ca	November-14	10700000	Brookside Commons Subdivision	32.15	DV
1026-Tenne	R26-02B1.13-P-0021	Labor Overh	50550100	Group Ins Ca	November-14	25710000	INSTALL 645'-6" MAIN IN CRESCENT PA	1.33	B

company_c	work_order_number	charge_type	external_co	cost_eleme	charge_mo_yr	external_gl_	work_order_description	amount	project type
1026-Tenne	R26-02B1.13-P-0022	Labor Overh	50550100	Group Ins C	November-14	25710000	INSTALL 575' -6" MAIN IN 1ST AVENUE	0.18	B
1026-Tenne	R26-05A1.14-P-0002	Labor Overh	50550100	Group Ins C	December-14	10700000	Whitwell- Dunlap Interconnect	-9.35	A
1026-Tenne	R26-02B1.14-P-0007	Labor Overh	50550100	Group Ins C	November-14	10700000	Sunbeam Ave Main Replacement. Inst	-8.9	B
1026-Tenne	D26-0201-P-0479	Labor Overh	50610100	Pension Cap	November-14	10700000	HIGHWAY 58 FIRE HYDRANT PANDORA MOT	3.54	DV
1026-Tenne	R26-02B1.13-P-0022	Labor Overh	50610100	Pension Cap	November-14	25710000	INSTALL 575' -6" MAIN IN 1ST AVENUE	0.12	B
1026-Tenne	R26-05C1.14-P-0001	Labor Overh	50610100	Pension Cap	December-14	25710000	Unscheduled Main Replacements	0.04	C
1026-Tenne	D26-0201-P-0479	Materials &	52000000	M&S Natura	November-14	10700000	HIGHWAY 58 FIRE HYDRANT PANDORA MOT	-4577.41	DV
1026-Tenne	R26-05C1.14-P-0001	Materials &	52000000	M&S Natura	December-14	10700000	Unscheduled Main Replacements	1390.5	C
1026-Tenne	R26-02C1.14-P-0001	Materials &	52000000	M&S Natura	December-14	10700000	Mains-Unscheduled	64.99	C
1026-Tenne	D26-0201-P-0484	Materials &	52000000	M&S Natura	December-14	10700000	Edgewood Ln Install 195'-4" Main	-956.97	DV
1026-Tenne	R26-02B1.14-P-0007	Materials &	52000000	M&S Natura	December-14	25710000	Sunbeam Ave Main Replacement. Inst	0.66	B
1026-Tenne	R26-05C1.14-P-0001	Other	52500000	MiscExp Nat	November-14	25710000	Unscheduled Main Replacements	0.6	C
1026-Tenne	R26-05D1.14-P-0001	AFUDC Debt	85000000	AFUDC Debt	November-14	10700000	Work Order	1.5	D
1026-Tenne	R26-05A1.14-P-0002	AFUDC Debt	85000000	AFUDC Debt	December-14	10700000	Whitwell- Dunlap Interconnect	41.36	A
1026-Tenne	R26-02B1.13-P-0011	AFUDC Debt	85000000	AFUDC Debt	December-14	10700000	MYRTLE AVE 6" MAIN EXTENSION	0.01	B
1026-Tenne	R26-02D1.14-P-0011	AFUDC Debt	85000000	AFUDC Debt	November-14	10700000	Seneca Ave Offset 8" Main around 2	7.38	D
1026-Tenne	D26-0201-P-0471	Contracted S	53150000	Contr Svc-O	December-14	10700000	Cameron Harbor Lofts 2772'-8" main	23026	DV
1026-Tenne	R26-05C1.14-P-0001	Contracted S	53150000	Contr Svc-O	November-14	25710000	Unscheduled Main Replacements	0.62	C
1026-Tenne	R26-02B1.14-P-0007	Contracted S	53150000	Contr Svc-O	November-14	10700000	Sunbeam Ave Main Replacement. Inst	13836.07	B
1026-Tenne	R26-02A1.14-P-0002	Contracted S	53150000	Contr Svc-O	November-14	10700000	OLAN MILLS DR 12" MAIN RELOCATION	9995.98	A
1026-Tenne	R26-05A1.14-P-0003	Other	55000100	Trans Cap C	November-14	10700000	Hwy 28 12 and 8 DI Main Extension	37.97	A
1026-Tenne	D26-0201-P-0483	Other	55000100	Trans Cap C	November-14	10700000	Brookside Commons Subdivision	22.54	DV
1026-Tenne	R26-02B1.13-P-0021	Other	55000100	Trans Cap C	November-14	25710000	INSTALL 645'-6" MAIN IN CRESCENT PA	0.81	B
1026-Tenne	D26-0201-P-0482	Other	55000100	Trans Cap C	December-14	10700000	The Colony at Normal Park	-1.58	DV
1026-Tenne	D26-0201-P-0464	Other	55720100	Ins W/C Cap	November-14	10700000	CITY OF CHATTANOOGA'S 40 FH FOR 201	0.73	DV
1026-Tenne	R26-02B1.14-P-0007	Other	55720100	Ins W/C Cap	November-14	25710000	Sunbeam Ave Main Replacement. Inst	-0.09	B
1026-Tenne	R26-02B1.14-P-0007	Other	55720100	Ins W/C Cap	December-14	25710000	Sunbeam Ave Main Replacement. Inst	0.09	B
1026-Tenne	D26-0201-P-0483	Overhead	52801100	Indirect OH	November-14	10700000	Brookside Commons Subdivision	47.3	DV
1026-Tenne	R26-05A1.14-P-0003	Overhead	52801100	Indirect OH	December-14	10700000	Hwy 28 12 and 8 DI Main Extension	6262.81	A
1026-Tenne	R26-02D1.14-P-0009	Overhead	52801100	Indirect OH	December-14	10700000	Calhoun Avenue 16" relocation with	324.35	D
1026-Tenne	R26-05B1.14-P-0002	Overhead	52801100	Indirect OH	December-14	10700000	W. GEORGIA AVE MAIN REPLACEMENT	-89.06	B
1026-Tenne	R26-02A1.13-P-0006	Overhead	52801100	Indirect OH	November-14	10700000	Mack Smith rd main extension	46	A
1026-Tenne	R26-02A1.13-P-0006	Overhead	52801100	Indirect OH	December-14	10700000	Mack Smith rd main extension	52.33	A
1026-Tenne	R26-02D1.14-P-0003	Overhead	52801100	Indirect OH	December-14	10700000	WISDOM ST 10" OFFSET FOR STORM DRAI	-62.97	D
1026-Tenne	R26-02B1.14-P-0007	Overhead	52801100	Indirect OH	November-14	10700000	Sunbeam Ave Main Replacement. Inst	2392.94	B
1026-Tenne	R26-02B1.14-P-0005	Overhead	52801100	Indirect OH	November-14	10700000	Silverdale Wrkhouse 12" main instal	6.35	B
1026-Tenne	R26-02C1.14-P-0002	Overhead	52801100	Indirect OH	November-14	10700000	MEMORIAL DRIVE 16" MAIN REPAIR	6.54	C
1026-Tenne	R26-02B1.13-P-0020	Overhead	52801100	Indirect OH	December-14	10700000	INSTALL 860'-8" MAIN & FH IN CASTLE	-234.85	B
1026-Tenne	R26-02D1.14-P-0011	Overhead	52805100	Indirect OH	November-14	25710000	Seneca Ave Offset 8" Main around 2	-0.3	D
1026-Tenne	R26-02B1.13-P-0022	Overhead	52805100	Indirect OH	December-14	25710000	INSTALL 575' -6" MAIN IN 1ST AVENUE	3.12	B
1026-Tenne	R26-02D1.14-P-0004	Overhead	52805100	Indirect OH	December-14	25710000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	1933.87	D
1026-Tenne	R26-05C1.14-P-0001	Overhead	52805100	Indirect OH	December-14	25710000	Unscheduled Main Replacements	0.13	C

company_c	work_order_number	charge_type	external_co	cost_eleme	charge_mo_yr	external_gl_	work_order_description	amount	project type
1026-Tenne	R26-02C1.14-P-0001	Overhead	52805100	Indirect OH	December-14	25710000	Mains-Unscheduled	1638.93	C
1026-Tenne	D26-0201-P-0471	Contracted	53110000	Contr Svc-Er	November-14	10700000	Cameron Harbor Lofts 2772'-8" main	4759.7	DV
1026-Tenne	R26-02D1.11-P-0001	Contracted	53110000	Contr Svc-Er	December-14	10700000	US27 BTN RIVERFRONT RELOCATION MAIN	7417.41	D
1026-Tenne	R26-02B1.13-P-0020	Contracted	53110000	Contr Svc-Er	November-14	25710000	INSTALL 860'-8" MAIN & FH IN CASTLE	53.07	B
1026-Tenne	R26-02D1.14-P-0003	Contracted	53110000	Contr Svc-Er	November-14	10700000	WISDOM ST 10" OFFSET FOR STORM DRAI	678.77	D
1026-Tenne	R26-02D1.09-P-0006	Contracted	53110000	Contr Svc-Er	December-14	10700000	ENG FEES FOR RELOC E BRAINERD RD DI	275.55	D
1026-Tenne	R26-02B1.14-P-0005	Contracted	53110000	Contr Svc-Er	November-14	10700000	Silverdale Wrkhouse 12" main instal	69.04	B
1026-Tenne	R26-02C1.14-P-0001	Other	62520700	Misc Main P	December-14	25710000	Mains-Unscheduled	9401.09	C
1026-Tenne	R26-02C1.14-P-0001	Licenses, Pe	62520800	Misc Maint	November-14	25710000	Mains-Unscheduled	481.19	C
1026-Tenne	R26-02B1.13-P-0025	Licenses, Pe	62520800	Misc Maint	December-14	25710000	INSTALL 8"& 6" MAIN IN W.47TH ST	5	B
1026-Tenne	R26-02D1.09-P-0006	AFUDC Equi	70510000	AFUDC-Equi	November-14	10700000	ENG FEES FOR RELOC E BRAINERD RD DI	344.34	D
1026-Tenne	R26-02B1.13-P-0026	AFUDC Equi	70510000	AFUDC-Equi	December-14	10700000	INSTALL 6" MAIN IN MICHIGAN AVE	4.2	B
1026-Tenne	R26-02D1.14-P-0005	AFUDC Equi	70510000	AFUDC-Equi	December-14	10700000	iGOU GAP AND jENKINS RD - 4-8" OFFS	24.22	D
1026-Tenne	R26-02B1.14-P-0003	AFUDC Equi	70510000	AFUDC-Equi	December-14	10700000	Install 535' of 6" on Michigan Ave	0.32	B
1026-Tenne	R26-02D1.14-P-0004	AFUDC Equi	70510000	AFUDC-Equi	December-14	10700000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	75.36	D
1026-Tenne	D26-0201-P-0479	CWIP Accru	52801200	Capital Acc	November-14	10700000	HIGHWAY 58 FIRE HYDRANT PANDORA MOT	350.29	DV
1026-Tenne	R26-02D1.11-P-0001	CWIP Accru	52801200	Capital Acc	November-14	10700000	US27 BTN RIVERFRONT RELOCATION MAIN	657.49	D
1026-Tenne	R26-02C1.14-P-0002	CWIP Accru	52801200	Capital Acc	November-14	10700000	MEMORIAL DRIVE 16" MAIN REPAIR	-94.99	C
1026-Tenne	R26-05A1.14-P-0003	CWIP Accru	52801200	Capital Acc	December-14	10700000	Hwy 28 12 and 8 DI Main Extension	13916.5	A
1026-Tenne	R26-02D1.14-P-0009	CWIP Accru	52801200	Capital Acc	December-14	25710000	Calhoun Avenue 16" relocation with	-1254.18	D
1026-Tenne	R26-02C1.14-P-0001	Labor Overh	68533100	FICA Cap Cr	November-14	10700000	Mains-Unscheduled	907.66	C
1026-Tenne	D26-0201-P-0479	Labor Overh	68533100	FICA Cap Cr	November-14	10700000	HIGHWAY 58 FIRE HYDRANT PANDORA MOT	3.6	DV
1026-Tenne	D26-0201-P-0464	Labor Overh	68533100	FICA Cap Cr	November-14	10700000	CITY OF CHATTANOOGA'S 40 FH FOR 201	2.8	DV
1026-Tenne	D26-0201-P-0484	Labor Overh	68533100	FICA Cap Cr	November-14	10700000	Edgewood Ln Install 195'-4" Main	40.85	DV
1026-Tenne	D26-0201-P-0485	Labor Overh	68533100	FICA Cap Cr	December-14	10700000	The Ridges at Black Creek	97.31	DV
1026-Tenne	R26-02C1.14-P-0002	Labor Overh	68533100	FICA Cap Cr	November-14	25710000	MEMORIAL DRIVE 16" MAIN REPAIR	0.19	C
1026-Tenne	D26-0201-P-0482	Labor Overh	68533100	FICA Cap Cr	November-14	10700000	The Colony at Normal Park	5.57	DV
1026-Tenne	R26-02B1.13-P-0022	Labor Overh	68533100	FICA Cap Cr	November-14	10700000	INSTALL 575' -6" MAIN IN 1ST AVENUE	1.74	B
1026-Tenne	R26-02B1.14-P-0007	Labor	50109900	Labor Cap C	November-14	25710000	Sunbeam Ave Main Replacement. Inst	-4.29	B
1026-Tenne	R26-02B1.13-P-0021	Labor	50109900	Labor Cap C	November-14	10700000	INSTALL 645'-6" MAIN IN CRESCENT PA	37.23	B
1026-Tenne	R26-02A1.14-P-0002	Labor	50109900	Labor Cap C	November-14	10700000	OLAN MILLS DR 12" MAIN RELOCATION	24.82	A
1026-Tenne	D26-0201-P-0482	Labor	50109900	Labor Cap C	December-14	10700000	The Colony at Normal Park	-24.2	DV
1026-Tenne	R26-02D1.14-P-0009	Labor Overh	50421100	401k Exp Ca	November-14	10700000	Calhoun Avenue 16" relocation with	3.79	D
1026-Tenne	R26-05C1.14-P-0001	Labor Overh	50421100	401k Exp Ca	November-14	10700000	Unscheduled Main Replacements	53.8	C
1026-Tenne	R26-05A1.14-P-0003	Labor Overh	50421100	401k Exp Ca	November-14	10700000	Hwy 28 12 and 8 DI Main Extension	23.35	A
1026-Tenne	D26-0201-P-0467	Labor Overh	50421100	401k Exp Ca	December-14	10700000	INSTALL 640'-6" MAIN IN NO WAKE CIR	8.77	DV
1026-Tenne	D26-0201-P-0464	Labor Overh	50421100	401k Exp Ca	December-14	10700000	CITY OF CHATTANOOGA'S 40 FH FOR 201	-0.5	DV
1026-Tenne	R26-05C1.14-P-0001	Labor Overh	50421100	401k Exp Ca	November-14	25710000	Unscheduled Main Replacements	0.02	C
1026-Tenne	R26-02B1.13-P-0022	Labor Overh	50421100	401k Exp Ca	November-14	10700000	INSTALL 575' -6" MAIN IN 1ST AVENUE	0.92	B
1026-Tenne	R26-02B1.13-P-0022	Labor Overh	50422100	DCP Exp Cap	November-14	25710000	INSTALL 575' -6" MAIN IN 1ST AVENUE	0.09	B
1026-Tenne	R26-02A1.14-P-0002	Labor Overh	50422100	DCP Exp Cap	November-14	10700000	OLAN MILLS DR 12" MAIN RELOCATION	1.29	A
1026-Tenne	R26-02D1.14-P-0004	Labor Overh	50422100	DCP Exp Cap	November-14	10700000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	5.93	D

company_c	work_order_number	charge_type	external_co	cost_eleme	charge_mo_yr	external_gl_	work_order_description	amount	project type
1026-Tenne	R26-02B1.13-P-0022	Labor Overh	50422100	DCP Exp Cap	November-14	10700000	INSTALL 575' -6" MAIN IN 1ST AVENUE	1.21	B
1026-Tenne	R26-05C1.14-P-0001	Labor Overh	50510100	PBOP Cap C	November-14	10700000	Unscheduled Main Replacements	106.51	C
1026-Tenne	D26-0201-P-0464	Labor Overh	50510100	PBOP Cap C	November-14	10700000	CITY OF CHATTANOOGA'S 40 FH FOR 201	2.8	DV
1026-Tenne	D26-0201-P-0479	Labor Overh	50510100	PBOP Cap C	November-14	10700000	HIGHWAY 58 FIRE HYDRANT PANDORA MOT	3.61	DV
1026-Tenne	R26-05A1.14-P-0003	Labor Overh	50510100	PBOP Cap C	December-14	10700000	Hwy 28 12 and 8 DI Main Extension	-5.04	A
1026-Tenne	R26-02D1.14-P-0004	Labor Overh	50510100	PBOP Cap C	December-14	25710000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	8.34	D
1026-Tenne	R26-02D1.14-P-0009	Labor Overh	50510100	PBOP Cap C	December-14	25710000	Calhoun Avenue 16" relocation with	1.29	D
1026-Tenne	R26-02C1.14-P-0002	Labor Overh	50510100	PBOP Cap C	November-14	10700000	MEMORIAL DRIVE 16" MAIN REPAIR	3.54	C
1026-Tenne	R26-02A1.14-P-0002	Labor Overh	50510100	PBOP Cap C	December-14	10700000	OLAN MILLS DR 12" MAIN RELOCATION	-0.93	A
1026-Tenne	R26-05B1.14-P-0002	Labor Overh	50550100	Group Ins Ca	December-14	10700000	W. GEORGIA AVE MAIN REPLACEMENT	23.46	B
1026-Tenne	D26-0201-P-0484	Labor Overh	50550100	Group Ins Ca	December-14	10700000	Edgewood Ln Install 195'-4" Main	-12.14	DV
1026-Tenne	D26-0201-P-0464	Labor Overh	50550100	Group Ins Ca	December-14	10700000	CITY OF CHATTANOOGA'S 40 FH FOR 201	-1.35	DV
1026-Tenne	R26-02C1.14-P-0002	Labor Overh	50550100	Group Ins Ca	November-14	25710000	MEMORIAL DRIVE 16" MAIN REPAIR	0.27	C
1026-Tenne	R26-02B1.13-P-0022	Labor Overh	50550100	Group Ins Ca	November-14	10700000	INSTALL 575' -6" MAIN IN 1ST AVENUE	2.49	B
1026-Tenne	D26-0201-P-0482	Labor Overh	50550100	Group Ins Ca	December-14	10700000	The Colony at Normal Park	-0.08	DV
1026-Tenne	R26-02B1.13-P-0021	Labor Overh	50610100	Pension Cap	November-14	25710000	INSTALL 645'-6" MAIN IN CRESCENT PA	0.91	B
1026-Tenne	R26-02D1.14-P-0009	Labor Overh	50610100	Pension Cap	November-14	25710000	Calhoun Avenue 16" relocation with	1.24	D
1026-Tenne	R26-05C1.14-P-0001	Labor Overh	50610100	Pension Cap	November-14	25710000	Unscheduled Main Replacements	0.03	C
1026-Tenne	R26-02C1.14-P-0001	Labor Overh	50610100	Pension Cap	December-14	25710000	Mains-Unscheduled	354.53	C
1026-Tenne	R26-02B1.14-P-0007	Labor Overh	50610100	Pension Cap	November-14	10700000	Sunbeam Ave Main Replacement. Inst	-6.08	B
1026-Tenne	R26-02D1.14-P-0004	Labor Overh	50610100	Pension Cap	December-14	10700000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	19.06	D
1026-Tenne	R26-02A1.14-P-0002	Labor Overh	50610100	Pension Cap	December-14	10700000	OLAN MILLS DR 12" MAIN RELOCATION	-0.91	A
1026-Tenne	D26-0201-P-0471	Materials &	52000000	M&S Natura	November-14	10700000	Cameron Harbor Lofts 2772'-8" main	4088.03	DV
1026-Tenne	D26-0201-P-0464	Materials &	52000000	M&S Natura	November-14	10700000	CITY OF CHATTANOOGA'S 40 FH FOR 201	-1567.39	DV
1026-Tenne	D26-0201-P-0464	Materials &	52000000	M&S Natura	December-14	10700000	CITY OF CHATTANOOGA'S 40 FH FOR 201	1878.76	DV
1026-Tenne	R26-02B1.14-P-0007	Materials &	52000000	M&S Natura	November-14	25710000	Sunbeam Ave Main Replacement. Inst	3.84	B
1026-Tenne	R26-02C1.14-P-0001	Materials &	52000000	M&S Natura	November-14	25710000	Mains-Unscheduled	931.86	C
1026-Tenne	R26-02C1.14-P-0001	Materials &	52000000	M&S Natura	December-14	25710000	Mains-Unscheduled	-9.28	C
1026-Tenne	R26-02D1.14-P-0011	Materials &	52000000	M&S Natura	November-14	10700000	Seneca Ave Offset 8" Main around 2	-61.96	D
1026-Tenne	R26-02B1.13-P-0020	Materials &	52000000	M&S Natura	December-14	10700000	INSTALL 860'-8" MAIN & FH IN CASTLE	-479.82	B
1026-Tenne	R26-05C1.14-P-0001	Other	52500000	MiscExp Nat	December-14	10700000	Unscheduled Main Replacements	-1416.3	C
1026-Tenne	R26-02C1.14-P-0001	Other	52500000	MiscExp Nat	December-14	25710000	Mains-Unscheduled	563.97	C
1026-Tenne	R26-05B1.14-P-0002	AFUDC Debt	85000000	AFUDC Debt	November-14	10700000	W. GEORGIA AVE MAIN REPLACEMENT	108.76	B
1026-Tenne	D26-0201-P-0464	AFUDC Debt	85000000	AFUDC Debt	December-14	10700000	CITY OF CHATTANOOGA'S 40 FH FOR 201	82.18	DV
1026-Tenne	R26-05A1.14-P-0002	AFUDC Debt	85000000	AFUDC Debt	November-14	10700000	Whitwell- Dunlap Interconnect	37.11	A
1026-Tenne	R26-05D1.14-P-0001	AFUDC Debt	85000000	AFUDC Debt	December-14	10700000	Work Order	1.5	D
1026-Tenne	R26-02B1.13-P-0021	AFUDC Debt	85000000	AFUDC Debt	November-14	10700000	INSTALL 645'-6" MAIN IN CRESCENT PA	139.7	B
1026-Tenne	R26-02B1.13-P-0021	AFUDC Debt	85000000	AFUDC Debt	December-14	10700000	INSTALL 645'-6" MAIN IN CRESCENT PA	-403.19	B
1026-Tenne	R26-02B1.13-P-0020	AFUDC Debt	85000000	AFUDC Debt	December-14	10700000	INSTALL 860'-8" MAIN & FH IN CASTLE	-653.94	B
1026-Tenne	R26-02C1.14-P-0002	AFUDC Debt	85000000	AFUDC Debt	December-14	10700000	MEMORIAL DRIVE 16" MAIN REPAIR	-86.18	C
1026-Tenne	R26-05C1.14-P-0001	Contracted :	53150000	Contr Svc-O	December-14	10700000	Unscheduled Main Replacements	2227.8	C
1026-Tenne	R26-02B1.14-P-0007	Contracted :	53150000	Contr Svc-O	November-14	25710000	Sunbeam Ave Main Replacement. Inst	718.93	B

company_c	work_order_number	charge_type	external_co	cost_eleme	charge_mo_yr	external_gl_	work_order_description	amount	project type
1026-Tenne	R26-02B1.14-P-0007	Contracted	53150000	Contr Svc-O	December-14	10700000	Sunbeam Ave Main Replacement. Inst	17693.01	B
1026-Tenne	R26-02C1.14-P-0001	Other	55000100	Trans Cap C	November-14	10700000	Mains-Unscheduled	798.46	C
1026-Tenne	R26-02D1.14-P-0009	Other	55000100	Trans Cap C	November-14	10700000	Calhoun Avenue 16" relocation with	6.18	D
1026-Tenne	R26-02C1.14-P-0001	Other	55000100	Trans Cap C	December-14	10700000	Mains-Unscheduled	1327.6	C
1026-Tenne	R26-02D1.14-P-0009	Other	55000100	Trans Cap C	December-14	10700000	Calhoun Avenue 16" relocation with	6.31	D
1026-Tenne	R26-02B1.14-P-0007	Other	55000100	Trans Cap C	November-14	25710000	Sunbeam Ave Main Replacement. Inst	-0.28	B
1026-Tenne	R26-02C1.14-P-0002	Other	55000100	Trans Cap C	November-14	25710000	MEMORIAL DRIVE 16" MAIN REPAIR	0.16	C
1026-Tenne	R26-02D1.14-P-0004	Other	55000100	Trans Cap C	November-14	25710000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	3.15	D
1026-Tenne	R26-05C1.14-P-0001	Other	55000100	Trans Cap C	December-14	25710000	Unscheduled Main Replacements	0.03	C
1026-Tenne	R26-02A1.14-P-0002	Other	55000100	Trans Cap C	November-14	10700000	OLAN MILLS DR 12" MAIN RELOCATION	1.62	A
1026-Tenne	R26-02B1.14-P-0007	Other	55000100	Trans Cap C	December-14	10700000	Sunbeam Ave Main Replacement. Inst	6.16	B
1026-Tenne	R26-02C1.14-P-0001	Other	55720100	Ins W/C Cap	November-14	10700000	Mains-Unscheduled	241.41	C
1026-Tenne	D26-0201-P-0483	Other	55720100	Ins W/C Cap	December-14	10700000	Brookside Commons Subdivision	3.67	DV
1026-Tenne	R26-05A1.14-P-0003	Other	55720100	Ins W/C Cap	December-14	10700000	Hwy 28 12 and 8 DI Main Extension	-1.32	A
1026-Tenne	R26-02C1.14-P-0001	Other	55720100	Ins W/C Cap	December-14	25710000	Mains-Unscheduled	94.74	C
1026-Tenne	R26-02B1.13-P-0021	Other	55720100	Ins W/C Cap	November-14	10700000	INSTALL 645'-6" MAIN IN CRESCENT PA	0.74	B
1026-Tenne	R26-02C1.14-P-0002	Other	55720100	Ins W/C Cap	November-14	10700000	MEMORIAL DRIVE 16" MAIN REPAIR	0.93	C
1026-Tenne	D26-0201-P-0482	Other	55720100	Ins W/C Cap	December-14	10700000	The Colony at Normal Park	-0.48	DV
1026-Tenne	R26-02D1.14-P-0004	Other	55720100	Ins W/C Cap	December-14	10700000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	5.1	D
1026-Tenne	D26-0201-P-0471	Overhead	52801100	Indirect OH	November-14	10700000	Cameron Harbor Lofts 2772'-8" main	813.99	DV
1026-Tenne	D26-0201-P-0483	Overhead	52801100	Indirect OH	December-14	10700000	Brookside Commons Subdivision	2214.15	DV
1026-Tenne	D26-0201-P-0479	Overhead	52801100	Indirect OH	December-14	10700000	HIGHWAY 58 FIRE HYDRANT PANDORA MOT	730.14	DV
1026-Tenne	R26-05C1.14-P-0001	Overhead	52801100	Indirect OH	December-14	10700000	Unscheduled Main Replacements	453.67	C
1026-Tenne	R26-02B1.13-P-0027	Overhead	52801100	Indirect OH	December-14	10700000	INSTALL 6" MAIN IN STANDIFER DRIVE	8.66	B
1026-Tenne	R26-02B1.13-P-0022	Overhead	52801100	Indirect OH	November-14	10700000	INSTALL 575' -6" MAIN IN 1ST AVENUE	1896.95	B
1026-Tenne	R26-02D1.14-P-0004	Overhead	52801100	Indirect OH	November-14	10700000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	364.87	D
1026-Tenne	D26-0201-P-0480	Overhead	52801100	Indirect OH	November-14	10700000	WORTHINGTON ST FIRE HYDRANT INSTALL	15.64	DV
1026-Tenne	R26-02B1.14-P-0007	Overhead	52801100	Indirect OH	December-14	10700000	Sunbeam Ave Main Replacement. Inst	4828.93	B
1026-Tenne	R26-02D1.14-P-0004	Overhead	52801100	Indirect OH	December-14	10700000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	4248.23	D
1026-Tenne	R26-02D1.14-P-0011	Overhead	52801100	Indirect OH	December-14	10700000	Seneca Ave Offset 8" Main around 2	-10.28	D
1026-Tenne	D26-0201-P-0482	Overhead	52801100	Indirect OH	December-14	10700000	The Colony at Normal Park	1205.18	DV
1026-Tenne	R26-05C1.14-P-0001	Overhead	52805100	Indirect OH	November-14	25710000	Unscheduled Main Replacements	0.17	C
1026-Tenne	R26-02B1.14-P-0007	Contracted	53110000	Contr Svc-Er	November-14	25710000	Sunbeam Ave Main Replacement. Inst	55.96	B
1026-Tenne	R26-02D1.14-P-0003	Contracted	53110000	Contr Svc-Er	November-14	25710000	WISDOM ST 10" OFFSET FOR STORM DRAI	35.73	D
1026-Tenne	R26-02B1.13-P-0021	Contracted	53110000	Contr Svc-Er	November-14	10700000	INSTALL 645'-6" MAIN IN CRESCENT PA	119.17	B
1026-Tenne	R26-02A1.14-P-0002	Contracted	53110000	Contr Svc-Er	November-14	10700000	OLAN MILLS DR 12" MAIN RELOCATION	900	A
1026-Tenne	R26-02C1.14-P-0002	Contracted	53110000	Contr Svc-Er	December-14	10700000	MEMORIAL DRIVE 16" MAIN REPAIR	125.2	C
1026-Tenne	R26-05B1.14-P-0002	Other	62520700	Misc Main P	December-14	10700000	W. GEORGIA AVE MAIN REPLACEMENT	6137.25	B
1026-Tenne	R26-02D1.14-P-0004	Other	62520700	Misc Main P	December-14	25710000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	145.35	D
1026-Tenne	R26-02A1.14-P-0002	Other	62520700	Misc Main P	November-14	10700000	OLAN MILLS DR 12" MAIN RELOCATION	1780.7	A
1026-Tenne	R26-02C1.14-P-0001	Licenses, Pe	62520800	Misc Maint	November-14	10700000	Mains-Unscheduled	2038.81	C
1026-Tenne	D26-0201-P-0484	Licenses, Pe	62520800	Misc Maint	November-14	10700000	Edgewood Ln Install 195'-4" Main	100	DV

company_c	work_order_number	charge_type	external_co	cost_eleme	charge_mo_yr	external_gl_	work_order_description	amount	project type
1026-Tenne	D26-0201-P-0483	Licenses, Pe	62520800	Misc Maint	December-14	10700000	Brookside Commons Subdivision	615	DV
1026-Tenne	D26-0201-P-0484	Licenses, Pe	62520800	Misc Maint	December-14	10700000	Edgewood Ln Install 195'-4" Main	315	DV
1026-Tenne	R26-02B1.13-P-0026	Licenses, Pe	62520800	Misc Maint	December-14	10700000	INSTALL 6" MAIN IN MICHIGAN AVE	99	B
1026-Tenne	R26-02D1.14-P-0009	AFUDC Equi	70510000	AFUDC-Equi	November-14	10700000	Calhoun Avenue 16" relocation with	60.25	D
1026-Tenne	R26-02B1.13-P-0028	AFUDC Equi	70510000	AFUDC-Equi	November-14	10700000	INSTALL 8",6",&4" MAIN IN E. 35TH S	11.77	B
1026-Tenne	R26-02D1.14-P-0003	AFUDC Equi	70510000	AFUDC-Equi	November-14	10700000	WISDOM ST 10" OFFSET FOR STORM DRAI	27.57	D
1026-Tenne	R26-05A1.14-P-0002	AFUDC Equi	70510000	AFUDC-Equi	December-14	10700000	Whitwell- Dunlap Interconnect	37.46	A
1026-Tenne	R26-02A1.13-P-0006	AFUDC Equi	70510000	AFUDC-Equi	December-14	10700000	Mack Smith rd main extension	55.37	A
1026-Tenne	R26-02B1.13-P-0006	AFUDC Equi	70510000	AFUDC-Equi	December-14	10700000	10TH AVE 560'- 8" MAIN EXTENSION	0.93	B
1026-Tenne	R26-02D1.14-P-0004	AFUDC Equi	70510000	AFUDC-Equi	November-14	10700000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	115.82	D
1026-Tenne	R26-02B1.13-P-0022	AFUDC Equi	70510000	AFUDC-Equi	December-14	10700000	INSTALL 575' -6" MAIN IN 1ST AVENUE	-229.6	B
1026-Tenne	R26-02B1.13-P-0020	AFUDC Equi	70510000	AFUDC-Equi	December-14	10700000	INSTALL 860'-8" MAIN & FH IN CASTLE	-592.33	B
1026-Tenne	D26-0201-P-0464	CWIP Accru	52801200	Capital Acc	November-14	10700000	CITY OF CHATTANOOGA'S 40 FH FOR 201	-7957.75	DV
1026-Tenne	R26-02D1.14-P-0011	CWIP Accru	52801200	Capital Acc	November-14	10700000	Seneca Ave Offset 8" Main around 2	22957.7	D
1026-Tenne	R26-05C1.14-P-0001	CWIP Accru	52801200	Capital Acc	November-14	10700000	Unscheduled Main Replacements	38.95	C
1026-Tenne	R26-02D1.14-P-0009	CWIP Accru	52801200	Capital Acc	November-14	10700000	Calhoun Avenue 16" relocation with	1483.25	D
1026-Tenne	D26-0201-P-0484	CWIP Accru	52801200	Capital Acc	November-14	10700000	Edgewood Ln Install 195'-4" Main	1897.51	DV
1026-Tenne	R26-02C1.14-P-0001	CWIP Accru	52801200	Capital Acc	December-14	10700000	Mains-Unscheduled	18021.63	C
1026-Tenne	R26-02C1.14-P-0002	CWIP Accru	52801200	Capital Acc	December-14	10700000	MEMORIAL DRIVE 16" MAIN REPAIR	-1899.78	C
1026-Tenne	R26-02C1.14-P-0001	CWIP Accru	52801200	Capital Acc	November-14	25710000	Mains-Unscheduled	1163.39	C
1026-Tenne	R26-02D1.14-P-0011	CWIP Accru	52801200	Capital Acc	November-14	25710000	Seneca Ave Offset 8" Main around 2	1208.3	D
1026-Tenne	R26-02B1.13-P-0022	CWIP Accru	52801200	Capital Acc	November-14	25710000	INSTALL 575' -6" MAIN IN 1ST AVENUE	-1420.47	B
1026-Tenne	R26-02C1.14-P-0001	CWIP Accru	52801200	Capital Acc	December-14	25710000	Mains-Unscheduled	4253.37	C
1026-Tenne	R26-02B1.13-P-0022	CWIP Accru	52801200	Capital Acc	December-14	25710000	INSTALL 575' -6" MAIN IN 1ST AVENUE	-28.75	B
1026-Tenne	R26-05A1.14-P-0002	CWIP Accru	52801200	Capital Acc	November-14	10700000	Whitwell- Dunlap Interconnect	0	A
1026-Tenne	R26-02D1.14-P-0004	Labor Overh	68533100	FICA Cap Cr	November-14	25710000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	3.64	D
1026-Tenne	R26-02B1.13-P-0022	Labor Overh	68533100	FICA Cap Cr	November-14	25710000	INSTALL 575' -6" MAIN IN 1ST AVENUE	0.12	B
1026-Tenne	R26-05A1.14-P-0002	Labor Overh	68533100	FICA Cap Cr	December-14	10700000	Whitwell- Dunlap Interconnect	-6.52	A
1026-Tenne	R26-02D1.14-P-0009	Labor	50109900	Labor Cap C	December-14	10700000	Calhoun Avenue 16" relocation with	97.05	D
1026-Tenne	R26-05A1.14-P-0003	Labor	50109900	Labor Cap C	December-14	10700000	Hwy 28 12 and 8 DI Main Extension	-67.01	A
1026-Tenne	D26-0201-P-0464	Labor	50109900	Labor Cap C	December-14	10700000	CITY OF CHATTANOOGA'S 40 FH FOR 201	-12.41	DV
1026-Tenne	R26-05B1.14-P-0002	Labor	50109900	Labor Cap C	December-14	10700000	W. GEORGIA AVE MAIN REPLACEMENT	218.41	B
1026-Tenne	D26-0201-P-0484	Labor	50109900	Labor Cap C	December-14	10700000	Edgewood Ln Install 195'-4" Main	-133.16	DV
1026-Tenne	R26-02A1.14-P-0002	Labor	50109900	Labor Cap C	December-14	10700000	OLAN MILLS DR 12" MAIN RELOCATION	-12.41	A
1026-Tenne	D26-0201-P-0479	Labor Overh	50421100	401k Exp Ca	November-14	10700000	HIGHWAY 58 FIRE HYDRANT PANDORA MOT	1.92	DV
1026-Tenne	D26-0201-P-0484	Labor Overh	50421100	401k Exp Ca	December-14	10700000	Edgewood Ln Install 195'-4" Main	-4.97	DV
1026-Tenne	D26-0201-P-0485	Labor Overh	50421100	401k Exp Ca	December-14	10700000	The Ridges at Black Creek	50.15	DV
1026-Tenne	R26-02D1.14-P-0004	Labor Overh	50421100	401k Exp Ca	November-14	25710000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	1.93	D
1026-Tenne	R26-02B1.13-P-0022	Labor Overh	50421100	401k Exp Ca	November-14	25710000	INSTALL 575' -6" MAIN IN 1ST AVENUE	0.07	B
1026-Tenne	R26-02D1.14-P-0009	Labor Overh	50421100	401k Exp Ca	December-14	25710000	Calhoun Avenue 16" relocation with	0.69	D
1026-Tenne	R26-05A1.14-P-0002	Labor Overh	50421100	401k Exp Ca	December-14	10700000	Whitwell- Dunlap Interconnect	-3.48	A
1026-Tenne	R26-02D1.14-P-0009	Labor Overh	50422100	DCP Exp Cap	November-14	10700000	Calhoun Avenue 16" relocation with	4.98	D

company_c	work_order_number	charge_type	external_co	cost_eleme	charge_mo_yr	external_gl_	work_order_description	amount	project type
1026-Tenne	D26-0201-P-0479	Labor Overh	50422100	DCP Exp Cap	November-14	10700000	HIGHWAY 58 FIRE HYDRANT PANDORA MOT	2.52	DV
1026-Tenne	R26-02B1.14-P-0007	Labor Overh	50422100	DCP Exp Cap	November-14	25710000	Sunbeam Ave Main Replacement. Inst	-0.23	B
1026-Tenne	R26-02D1.14-P-0004	Labor Overh	50422100	DCP Exp Cap	December-14	25710000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	5.82	D
1026-Tenne	R26-02B1.13-P-0021	Labor Overh	50422100	DCP Exp Cap	November-14	10700000	INSTALL 645'-6" MAIN IN CRESCENT PA	1.96	B
1026-Tenne	R26-02C1.14-P-0002	Labor Overh	50422100	DCP Exp Cap	November-14	10700000	MEMORIAL DRIVE 16" MAIN REPAIR	2.48	C
1026-Tenne	R26-02B1.14-P-0007	Labor Overh	50422100	DCP Exp Cap	December-14	10700000	Sunbeam Ave Main Replacement. Inst	4.97	B
1026-Tenne	R26-02A1.14-P-0002	Labor Overh	50422100	DCP Exp Cap	December-14	10700000	OLAN MILLS DR 12" MAIN RELOCATION	-0.65	A
1026-Tenne	R26-05B1.14-P-0002	Labor Overh	50510100	PBOP Cap C	December-14	10700000	W. GEORGIA AVE MAIN REPLACEMENT	16.42	B
1026-Tenne	D26-0201-P-0485	Labor Overh	50510100	PBOP Cap C	December-14	10700000	The Ridges at Black Creek	96.98	DV
1026-Tenne	R26-02B1.14-P-0007	Labor Overh	50510100	PBOP Cap C	November-14	10700000	Sunbeam Ave Main Replacement. Inst	-6.21	B
1026-Tenne	R26-02A1.14-P-0002	Labor Overh	50510100	PBOP Cap C	November-14	10700000	OLAN MILLS DR 12" MAIN RELOCATION	1.87	A
1026-Tenne	R26-02D1.14-P-0004	Labor Overh	50510100	PBOP Cap C	December-14	10700000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	19.46	D
1026-Tenne	D26-0201-P-0479	Labor Overh	50550100	Group Ins Ca	November-14	10700000	HIGHWAY 58 FIRE HYDRANT PANDORA MOT	5.31	DV
1026-Tenne	D26-0201-P-0483	Labor Overh	50550100	Group Ins Ca	December-14	10700000	Brookside Commons Subdivision	20.23	DV
1026-Tenne	R26-02D1.14-P-0009	Labor Overh	50550100	Group Ins Ca	December-14	25710000	Calhoun Avenue 16" relocation with	1.84	D
1026-Tenne	R26-05A1.14-P-0002	Labor Overh	50550100	Group Ins Ca	November-14	10700000	Whitwell- Dunlap Interconnect	51.96	A
1026-Tenne	R26-02C1.14-P-0001	Labor Overh	50610100	Pension Cap	November-14	10700000	Mains-Unscheduled	903.46	C
1026-Tenne	R26-05B1.14-P-0002	Labor Overh	50610100	Pension Cap	November-14	10700000	W. GEORGIA AVE MAIN REPLACEMENT	12.8	B
1026-Tenne	D26-0201-P-0464	Labor Overh	50610100	Pension Cap	November-14	10700000	CITY OF CHATTANOOGA'S 40 FH FOR 201	2.74	DV
1026-Tenne	D26-0201-P-0485	Labor Overh	50610100	Pension Cap	December-14	10700000	The Ridges at Black Creek	95.01	DV
1026-Tenne	R26-02C1.14-P-0001	Labor Overh	50610100	Pension Cap	December-14	10700000	Mains-Unscheduled	1502.19	C
1026-Tenne	D26-0201-P-0464	Labor Overh	50610100	Pension Cap	December-14	10700000	CITY OF CHATTANOOGA'S 40 FH FOR 201	-0.91	DV
1026-Tenne	R26-02D1.14-P-0004	Labor Overh	50610100	Pension Cap	November-14	25710000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	3.57	D
1026-Tenne	R26-02B1.14-P-0007	Labor Overh	50610100	Pension Cap	December-14	25710000	Sunbeam Ave Main Replacement. Inst	0.34	B
1026-Tenne	R26-02A1.14-P-0002	Labor Overh	50610100	Pension Cap	November-14	10700000	OLAN MILLS DR 12" MAIN RELOCATION	1.83	A
1026-Tenne	D26-0201-P-0482	Labor Overh	50610100	Pension Cap	November-14	10700000	The Colony at Normal Park	5.35	DV
1026-Tenne	D26-0201-P-0482	Labor Overh	50610100	Pension Cap	December-14	10700000	The Colony at Normal Park	-1.78	DV
1026-Tenne	R26-02D1.14-P-0009	AFUDC Debt	85000000	AFUDC Debt	December-14	10700000	Calhoun Avenue 16" relocation with	70.9	D
1026-Tenne	R26-05B1.14-P-0002	AFUDC Debt	85000000	AFUDC Debt	December-14	10700000	W. GEORGIA AVE MAIN REPLACEMENT	-54.38	B
1026-Tenne	R26-02B1.13-P-0011	AFUDC Debt	85000000	AFUDC Debt	November-14	10700000	MYRTLE AVE 6" MAIN EXTENSION	0.01	B
1026-Tenne	R26-02D1.14-P-0005	AFUDC Debt	85000000	AFUDC Debt	November-14	10700000	iGOU GAP AND jENKINS RD - 4-8" OFFS	26.47	D
1026-Tenne	R26-02D1.14-P-0003	AFUDC Debt	85000000	AFUDC Debt	November-14	10700000	WISDOM ST 10" OFFSET FOR STORM DRAI	30.44	D
1026-Tenne	R26-02D1.09-P-0006	AFUDC Debt	85000000	AFUDC Debt	November-14	10700000	ENG FEES FOR RELOC E BRAINERD RD DI	380.16	D
1026-Tenne	R26-02A1.13-P-0006	AFUDC Debt	85000000	AFUDC Debt	November-14	10700000	Mack Smith rd main extension	58.83	A
1026-Tenne	R26-02D1.14-P-0005	AFUDC Debt	85000000	AFUDC Debt	December-14	10700000	iGOU GAP AND jENKINS RD - 4-8" OFFS	26.74	D
1026-Tenne	R26-02D1.09-P-0006	AFUDC Debt	85000000	AFUDC Debt	December-14	10700000	ENG FEES FOR RELOC E BRAINERD RD DI	382.93	D
1026-Tenne	R26-02B1.13-P-0006	AFUDC Debt	85000000	AFUDC Debt	December-14	10700000	10TH AVE 560'- 8" MAIN EXTENSION	1.03	B
1026-Tenne	R26-02D1.14-P-0001	AFUDC Debt	85000000	AFUDC Debt	December-14	10700000	Work Order	0.32	D
1026-Tenne	R26-02B1.13-P-0023	AFUDC Debt	85000000	AFUDC Debt	December-14	10700000	INSTALL 300' OF 4" PIPE IN W 54TH.	0.29	B
1026-Tenne	R26-02B1.13-P-0022	AFUDC Debt	85000000	AFUDC Debt	November-14	10700000	INSTALL 575' -6" MAIN IN 1ST AVENUE	151.72	B
1026-Tenne	R26-05A1.14-P-0003	Other	55000100	Trans Cap C	December-14	10700000	Hwy 28 12 and 8 DI Main Extension	-4.36	A
1026-Tenne	R26-05B1.14-P-0002	Other	55000100	Trans Cap C	December-14	10700000	W. GEORGIA AVE MAIN REPLACEMENT	14.22	B

company_c	work_order_number	charge_type	external_co	cost_eleme	charge_mo_yr	external_gl_	work_order_description	amount	project type
1026-Tenne	D26-0201-P-0464	Other	55000100	Trans Cap C	December-14	10700000	CITY OF CHATTANOOGA'S 40 FH FOR 201	-0.81	DV
1026-Tenne	R26-02D1.14-P-0004	Other	55000100	Trans Cap C	December-14	25710000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	7.22	D
1026-Tenne	R26-02D1.14-P-0009	Other	55000100	Trans Cap C	November-14	25710000	Calhoun Avenue 16" relocation with	1.09	D
1026-Tenne	R26-05A1.14-P-0002	Other	55000100	Trans Cap C	November-14	10700000	Whitwell- Dunlap Interconnect	31.5	A
1026-Tenne	R26-02D1.14-P-0004	Other	55000100	Trans Cap C	December-14	10700000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	16.85	D
1026-Tenne	D26-0201-P-0484	Other	55720100	Ins W/C Cap	December-14	10700000	Edgewood Ln Install 195'-4" Main	-2.62	DV
1026-Tenne	R26-02D1.14-P-0004	Other	55720100	Ins W/C Cap	November-14	25710000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	0.96	D
1026-Tenne	R26-02B1.14-P-0007	Other	55720100	Ins W/C Cap	November-14	10700000	Sunbeam Ave Main Replacement. Inst	-1.62	B
1026-Tenne	R26-02B1.13-P-0022	Other	55720100	Ins W/C Cap	November-14	10700000	INSTALL 575' -6" MAIN IN 1ST AVENUE	0.46	B
1026-Tenne	D26-0201-P-0484	Overhead	52801100	Indirect OH	November-14	10700000	Edgewood Ln Install 195'-4" Main	655.74	DV
1026-Tenne	R26-02D1.14-P-0009	Overhead	52801100	Indirect OH	November-14	10700000	Calhoun Avenue 16" relocation with	13.17	D
1026-Tenne	D26-0201-P-0467	Overhead	52801100	Indirect OH	December-14	10700000	INSTALL 640'-6" MAIN IN NO WAKE CIR	32.14	DV
1026-Tenne	R26-02B1.13-P-0025	Overhead	52801100	Indirect OH	December-14	10700000	INSTALL 8"& 6" MAIN IN W.47TH ST	8.27	B
1026-Tenne	R26-02D1.09-P-0006	Overhead	52801100	Indirect OH	December-14	10700000	ENG FEES FOR RELOC E BRAINERD RD DI	24	D
1026-Tenne	R26-02B1.13-P-0021	Overhead	52801100	Indirect OH	December-14	10700000	INSTALL 645'-6" MAIN IN CRESCENT PA	-16.45	B
1026-Tenne	R26-02B1.13-P-0021	Overhead	52805100	Indirect OH	November-14	25710000	INSTALL 645'-6" MAIN IN CRESCENT PA	5.38	B
1026-Tenne	R26-02B1.14-P-0005	Overhead	52805100	Indirect OH	November-14	25710000	Silverdale Wrkhouse 12" main instal	0.13	B
1026-Tenne	R26-02B1.13-P-0026	Overhead	52805100	Indirect OH	December-14	25710000	INSTALL 6" MAIN IN MICHIGAN AVE	0.09	B
1026-Tenne	R26-02D1.14-P-0004	Contracted	53110000	Contr Svc-Er	November-14	25710000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	666.69	D
1026-Tenne	R26-02B1.14-P-0007	Contracted	53110000	Contr Svc-Er	December-14	25710000	Sunbeam Ave Main Replacement. Inst	251.32	B
1026-Tenne	R26-02D1.14-P-0005	Contracted	53110000	Contr Svc-Er	December-14	10700000	iGOU GAP AND jENKINS RD - 4-8" OFFS	60.76	D
1026-Tenne	R26-02B1.14-P-0007	Contracted	53110000	Contr Svc-Er	December-14	10700000	Sunbeam Ave Main Replacement. Inst	5092.78	B
1026-Tenne	D26-0201-P-0479	Other	62520700	Misc Main P	December-14	10700000	HIGHWAY 58 FIRE HYDRANT PANDORA MOT	149.45	DV
1026-Tenne	D26-0201-P-0464	Other	62520700	Misc Main P	December-14	10700000	CITY OF CHATTANOOGA'S 40 FH FOR 201	294.78	DV
1026-Tenne	R26-02B1.13-P-0022	Other	62520700	Misc Main P	November-14	25710000	INSTALL 575' -6" MAIN IN 1ST AVENUE	939.85	B
1026-Tenne	R26-02C1.14-P-0001	Other	62520700	Misc Main P	November-14	25710000	Mains-Unscheduled	-1014.46	C
1026-Tenne	R26-02D1.14-P-0004	Other	62520700	Misc Main P	November-14	10700000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	2240	D
1026-Tenne	R26-02B1.14-P-0007	Other	62520700	Misc Main P	December-14	10700000	Sunbeam Ave Main Replacement. Inst	34031.85	B
1026-Tenne	R26-02A1.13-P-0006	Licenses, Pe	62520800	Misc Maint	November-14	10700000	Mack Smith rd main extension	500	A
1026-Tenne	R26-02B1.13-P-0027	Licenses, Pe	62520800	Misc Maint	December-14	10700000	INSTALL 6" MAIN IN STANDIFER DRIVE	99.49	B
1026-Tenne	R26-02B1.13-P-0025	Licenses, Pe	62520800	Misc Maint	December-14	10700000	INSTALL 8"& 6" MAIN IN W.47TH ST	95	B
1026-Tenne	R26-05B1.14-P-0002	AFUDC Equi	70510000	AFUDC-Equi	November-14	10700000	W. GEORGIA AVE MAIN REPLACEMENT	98.52	B
1026-Tenne	R26-05A1.14-P-0003	AFUDC Equi	70510000	AFUDC-Equi	December-14	10700000	Hwy 28 12 and 8 DI Main Extension	21.56	A
1026-Tenne	R26-05B1.14-P-0002	AFUDC Equi	70510000	AFUDC-Equi	December-14	10700000	W. GEORGIA AVE MAIN REPLACEMENT	-49.26	B
1026-Tenne	R26-02A1.13-P-0006	AFUDC Equi	70510000	AFUDC-Equi	November-14	10700000	Mack Smith rd main extension	53.28	A
1026-Tenne	R26-02D1.14-P-0001	AFUDC Equi	70510000	AFUDC-Equi	December-14	10700000	Work Order	0.29	D
1026-Tenne	R26-02B1.14-P-0007	AFUDC Equi	70510000	AFUDC-Equi	December-14	10700000	Sunbeam Ave Main Replacement. Inst	-120.83	B
1026-Tenne	R26-02B1.13-P-0021	AFUDC Equi	70510000	AFUDC-Equi	December-14	10700000	INSTALL 645'-6" MAIN IN CRESCENT PA	-365.21	B
1026-Tenne	R26-02C1.14-P-0002	AFUDC Equi	70510000	AFUDC-Equi	December-14	10700000	MEMORIAL DRIVE 16" MAIN REPAIR	-78.05	C
1026-Tenne	R26-02B1.13-P-0020	CWIP Accru	52801200	Capital Acc	November-14	10700000	INSTALL 860'-8" MAIN & FH IN CASTLE	-376.98	B
1026-Tenne	R26-02B1.13-P-0022	CWIP Accru	52801200	Capital Acc	November-14	10700000	INSTALL 575' -6" MAIN IN 1ST AVENUE	-20201.56	B
1026-Tenne	D26-0201-P-0483	CWIP Accru	52801200	Capital Acc	December-14	10700000	Brookside Commons Subdivision	26352.5	DV

company_c	work_order_number	charge_type	external_co	cost_eleme	charge_mo_yr	external_gl_	work_order_description	amount	project type
1026-Tenne	D26-0201-P-0484	CWIP Accru	52801200	Capital Acc	December-14	10700000	Edgewood Ln Install 195'-4" Main	5692.49	DV
1026-Tenne	D26-0201-P-0471	CWIP Accru	52801200	Capital Acc	December-14	10700000	Cameron Harbor Lofts 2772'-8" main	-7308.4	DV
1026-Tenne	R26-02B1.13-P-0020	CWIP Accru	52801200	Capital Acc	November-14	25710000	INSTALL 860'-8" MAIN & FH IN CASTLE	-28.27	B
1026-Tenne	R26-02D1.09-P-0006	CWIP Accru	52801200	Capital Acc	December-14	10700000	ENG FEES FOR RELOC E BRAINERD RD DI	-275.55	D
1026-Tenne	R26-05C1.14-P-0001	Labor Overh	68533100	FICA Cap Cr	December-14	10700000	Unscheduled Main Replacements	150.95	C
1026-Tenne	R26-02B1.14-P-0007	Labor Overh	68533100	FICA Cap Cr	November-14	25710000	Sunbeam Ave Main Replacement. Inst	-0.32	B
1026-Tenne	R26-02B1.14-P-0007	Labor Overh	68533100	FICA Cap Cr	December-14	25710000	Sunbeam Ave Main Replacement. Inst	0.35	B
1026-Tenne	R26-02C1.14-P-0001	Labor Overh	68533100	FICA Cap Cr	November-14	25710000	Mains-Unscheduled	214.22	C
1026-Tenne	R26-05C1.14-P-0001	Labor Overh	68533100	FICA Cap Cr	December-14	25710000	Unscheduled Main Replacements	0.04	C
1026-Tenne	R26-02A1.14-P-0002	Labor Overh	68533100	FICA Cap Cr	November-14	10700000	OLAN MILLS DR 12" MAIN RELOCATION	1.85	A
1026-Tenne	R26-02B1.14-P-0007	Labor Overh	68533100	FICA Cap Cr	November-14	10700000	Sunbeam Ave Main Replacement. Inst	-6.21	B
1026-Tenne	R26-02A1.14-P-0002	Labor Overh	68533100	FICA Cap Cr	December-14	10700000	OLAN MILLS DR 12" MAIN RELOCATION	-0.94	A
1026-Tenne	R26-02D1.14-P-0009	Labor	50109900	Labor Cap C	November-14	10700000	Calhoun Avenue 16" relocation with	94.93	D
1026-Tenne	R26-02C1.14-P-0001	Labor	50109900	Labor Cap C	November-14	10700000	Mains-Unscheduled	8699.97	C
1026-Tenne	R26-05A1.14-P-0003	Labor	50109900	Labor Cap C	November-14	10700000	Hwy 28 12 and 8 DI Main Extension	583.27	A
1026-Tenne	R26-05B1.14-P-0002	Labor	50109900	Labor Cap C	November-14	10700000	W. GEORGIA AVE MAIN REPLACEMENT	173.74	B
1026-Tenne	R26-02C1.14-P-0001	Labor	50109900	Labor Cap C	December-14	10700000	Mains-Unscheduled	15611.1	C
1026-Tenne	R26-02D1.14-P-0004	Labor	50109900	Labor Cap C	December-14	25710000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	110.94	D
1026-Tenne	R26-02B1.14-P-0007	Labor	50109900	Labor Cap C	December-14	25710000	Sunbeam Ave Main Replacement. Inst	4.67	B
1026-Tenne	R26-05C1.14-P-0001	Labor	50109900	Labor Cap C	November-14	25710000	Unscheduled Main Replacements	0.3	C
1026-Tenne	R26-02D1.14-P-0009	Labor	50109900	Labor Cap C	November-14	25710000	Calhoun Avenue 16" relocation with	16.76	D
1026-Tenne	R26-02C1.14-P-0001	Labor	50109900	Labor Cap C	November-14	25710000	Mains-Unscheduled	2053.32	C
1026-Tenne	R26-02B1.14-P-0007	Labor	50109900	Labor Cap C	December-14	10700000	Sunbeam Ave Main Replacement. Inst	94.61	B
1026-Tenne	D26-0201-P-0484	Labor Overh	50421100	401k Exp Ca	November-14	10700000	Edgewood Ln Install 195'-4" Main	20.65	DV
1026-Tenne	R26-02C1.14-P-0001	Labor Overh	50421100	401k Exp Ca	December-14	10700000	Mains-Unscheduled	510.79	C
1026-Tenne	R26-05B1.14-P-0002	Labor Overh	50421100	401k Exp Ca	December-14	10700000	W. GEORGIA AVE MAIN REPLACEMENT	8.74	B
1026-Tenne	R26-02D1.14-P-0009	Labor Overh	50421100	401k Exp Ca	November-14	25710000	Calhoun Avenue 16" relocation with	0.67	D
1026-Tenne	R26-02C1.14-P-0001	Labor Overh	50421100	401k Exp Ca	November-14	25710000	Mains-Unscheduled	63	C
1026-Tenne	R26-05A1.14-P-0002	Labor Overh	50421100	401k Exp Ca	November-14	10700000	Whitwell- Dunlap Interconnect	19.37	A
1026-Tenne	R26-02D1.14-P-0004	Labor Overh	50421100	401k Exp Ca	December-14	10700000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	10.35	D
1026-Tenne	R26-05B1.14-P-0002	Labor Overh	50422100	DCP Exp Cap	November-14	10700000	W. GEORGIA AVE MAIN REPLACEMENT	9.12	B
1026-Tenne	R26-02C1.14-P-0001	Labor Overh	50422100	DCP Exp Cap	November-14	10700000	Mains-Unscheduled	405.16	C
1026-Tenne	D26-0201-P-0483	Labor Overh	50422100	DCP Exp Cap	November-14	10700000	Brookside Commons Subdivision	15.64	DV
1026-Tenne	R26-02B1.14-P-0007	Labor Overh	50422100	DCP Exp Cap	December-14	25710000	Sunbeam Ave Main Replacement. Inst	0.25	B
1026-Tenne	R26-05B1.14-P-0002	Labor Overh	50510100	PBOP Cap C	November-14	10700000	W. GEORGIA AVE MAIN REPLACEMENT	13.06	B
1026-Tenne	R26-05C1.14-P-0001	Labor Overh	50510100	PBOP Cap C	December-14	10700000	Unscheduled Main Replacements	155.46	C
1026-Tenne	D26-0201-P-0483	Labor Overh	50510100	PBOP Cap C	December-14	10700000	Brookside Commons Subdivision	14.01	DV
1026-Tenne	R26-02C1.14-P-0002	Labor Overh	50510100	PBOP Cap C	November-14	25710000	MEMORIAL DRIVE 16" MAIN REPAIR	0.19	C
1026-Tenne	R26-05C1.14-P-0001	Labor Overh	50510100	PBOP Cap C	November-14	25710000	Unscheduled Main Replacements	0.03	C
1026-Tenne	R26-02C1.14-P-0001	Labor Overh	50510100	PBOP Cap C	December-14	25710000	Mains-Unscheduled	361.91	C
1026-Tenne	R26-05A1.14-P-0002	Labor Overh	50510100	PBOP Cap C	November-14	10700000	Whitwell- Dunlap Interconnect	36.39	A
1026-Tenne	R26-02B1.13-P-0021	Labor Overh	50510100	PBOP Cap C	November-14	10700000	INSTALL 645'-6" MAIN IN CRESCENT PA	2.8	B

company_c	work_order_number	charge_type	external_co	cost_eleme	charge_mo_yr	external_gl_	work_order_description	amount	project type
1026-Tenne	D26-0201-P-0482	Labor Overh	50510100	PBOP Cap C	December-14	10700000	The Colony at Normal Park	-1.82	DV
1026-Tenne	R26-05C1.14-P-0001	Labor Overh	50550100	Group Ins Ca	November-14	10700000	Unscheduled Main Replacements	190.74	C
1026-Tenne	D26-0201-P-0464	Labor Overh	50550100	Group Ins Ca	November-14	10700000	CITY OF CHATTANOOGA'S 40 FH FOR 201	4.02	DV
1026-Tenne	R26-05A1.14-P-0003	Labor Overh	50550100	Group Ins Ca	December-14	10700000	Hwy 28 12 and 8 DI Main Extension	-7.25	A
1026-Tenne	R26-05C1.14-P-0001	Labor Overh	50550100	Group Ins Ca	November-14	25710000	Unscheduled Main Replacements	0.05	C
1026-Tenne	R26-02D1.14-P-0004	Labor Overh	50550100	Group Ins Ca	December-14	10700000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	27.79	D
1026-Tenne	R26-02D1.14-P-0009	Labor Overh	50610100	Pension Cap	November-14	10700000	Calhoun Avenue 16" relocation with	6.99	D
1026-Tenne	D26-0201-P-0483	Labor Overh	50610100	Pension Cap	November-14	10700000	Brookside Commons Subdivision	25.5	DV
1026-Tenne	D26-0201-P-0483	Labor Overh	50610100	Pension Cap	December-14	10700000	Brookside Commons Subdivision	13.72	DV
1026-Tenne	R26-02C1.14-P-0001	Labor Overh	50610100	Pension Cap	November-14	25710000	Mains-Unscheduled	213.23	C
1026-Tenne	R26-02D1.14-P-0004	Labor Overh	50610100	Pension Cap	November-14	10700000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	8.31	D
1026-Tenne	R26-02B1.14-P-0007	Labor Overh	50610100	Pension Cap	December-14	10700000	Sunbeam Ave Main Replacement. Inst	6.97	B
1026-Tenne	R26-05B1.14-P-0002	Materials &	52000000	M&S Natura	November-14	10700000	W. GEORGIA AVE MAIN REPLACEMENT	14192.48	B
1026-Tenne	D26-0201-P-0484	Materials &	52000000	M&S Natura	November-14	10700000	Edgewood Ln Install 195'-4" Main	6218.55	DV
1026-Tenne	D26-0201-P-0471	Materials &	52000000	M&S Natura	December-14	10700000	Cameron Harbor Lofts 2772'-8" main	755.16	DV
1026-Tenne	R26-02C1.14-P-0001	Materials &	52000000	M&S Natura	December-14	25710000	Mains-Unscheduled	-104.29	C
1026-Tenne	R26-02D1.14-P-0011	Materials &	52000000	M&S Natura	November-14	25710000	Seneca Ave Offset 8" Main around 2	-3.25	D
1026-Tenne	R26-02B1.14-P-0007	Materials &	52000000	M&S Natura	November-14	10700000	Sunbeam Ave Main Replacement. Inst	74.39	B
1026-Tenne	R26-02C1.15-P-0001	Materials &	52000000	M&S Natura	December-14	10700000	Work Order	1732.08	C
1026-Tenne	R26-02B1.14-P-0007	Materials &	52000000	M&S Natura	December-14	10700000	Sunbeam Ave Main Replacement. Inst	90.03	B
1026-Tenne	R26-05C1.14-P-0001	Other	52500000	MiscExp Nat	November-14	10700000	Unscheduled Main Replacements	2429.4	C
1026-Tenne	R26-05B1.14-P-0002	Other	52500000	MiscExp Nat	November-14	10700000	W. GEORGIA AVE MAIN REPLACEMENT	659.24	B
1026-Tenne	R26-02C1.14-P-0001	Other	52500000	MiscExp Nat	December-14	10700000	Mains-Unscheduled	2389.55	C
1026-Tenne	R26-05C1.14-P-0001	Other	52500000	MiscExp Nat	December-14	25710000	Unscheduled Main Replacements	-0.35	C
1026-Tenne	R26-05A1.14-P-0003	AFUDC Debt	85000000	AFUDC Debt	November-14	10700000	Hwy 28 12 and 8 DI Main Extension	71.34	A
1026-Tenne	R26-02D1.14-P-0001	AFUDC Debt	85000000	AFUDC Debt	November-14	10700000	Work Order	0.32	D
1026-Tenne	R26-02B1.13-P-0025	AFUDC Debt	85000000	AFUDC Debt	December-14	10700000	INSTALL 8"& 6" MAIN IN W.47TH ST	5.82	B
1026-Tenne	R26-02C1.14-P-0002	AFUDC Debt	85000000	AFUDC Debt	November-14	10700000	MEMORIAL DRIVE 16" MAIN REPAIR	56.2	C
1026-Tenne	R26-02D1.14-P-0004	AFUDC Debt	85000000	AFUDC Debt	November-14	10700000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	127.87	D
1026-Tenne	R26-02A1.14-P-0002	AFUDC Debt	85000000	AFUDC Debt	November-14	10700000	OLAN MILLS DR 12" MAIN RELOCATION	249.8	A
1026-Tenne	R26-05B1.14-P-0002	Contracted	53150000	Contr Svc-O	November-14	10700000	W. GEORGIA AVE MAIN REPLACEMENT	13059.29	B
1026-Tenne	R26-05B1.14-P-0002	Contracted	53150000	Contr Svc-O	December-14	10700000	W. GEORGIA AVE MAIN REPLACEMENT	-6535.84	B
1026-Tenne	D26-0201-P-0479	Contracted	53150000	Contr Svc-O	December-14	10700000	HIGHWAY 58 FIRE HYDRANT PANDORA MOT	6469	DV
1026-Tenne	R26-02D1.14-P-0003	Contracted	53150000	Contr Svc-O	November-14	10700000	WISDOM ST 10" OFFSET FOR STORM DRAI	6923.17	D
1026-Tenne	R26-02D1.14-P-0004	Contracted	53150000	Contr Svc-O	December-14	10700000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	42661.5	D
1026-Tenne	D26-0201-P-0479	Other	55000100	Trans Cap C	November-14	10700000	HIGHWAY 58 FIRE HYDRANT PANDORA MOT	3.13	DV
1026-Tenne	D26-0201-P-0483	Other	55000100	Trans Cap C	December-14	10700000	Brookside Commons Subdivision	12.13	DV
1026-Tenne	R26-05C1.14-P-0001	Other	55000100	Trans Cap C	December-14	10700000	Unscheduled Main Replacements	134.6	C
1026-Tenne	D26-0201-P-0484	Other	55000100	Trans Cap C	December-14	10700000	Edgewood Ln Install 195'-4" Main	-8.67	DV
1026-Tenne	D26-0201-P-0467	Other	55000100	Trans Cap C	December-14	10700000	INSTALL 640'-6" MAIN IN NO WAKE CIR	15.43	DV
1026-Tenne	R26-02C1.14-P-0001	Other	55000100	Trans Cap C	November-14	25710000	Mains-Unscheduled	188.45	C
1026-Tenne	R26-05A1.14-P-0002	Other	55000100	Trans Cap C	December-14	10700000	Whitwell- Dunlap Interconnect	-5.65	A

company_c	work_order_number	charge_type	external_co	cost_eleme	charge_mo_yr	external_gl_	work_order_description	amount	project type
1026-Tenne	R26-02C1.14-P-0002	Other	55000100	Trans Cap C	November-14	10700000	MEMORIAL DRIVE 16" MAIN REPAIR	3.07	C
1026-Tenne	R26-02B1.14-P-0007	Other	55000100	Trans Cap C	November-14	10700000	Sunbeam Ave Main Replacement. Inst	-5.37	B
1026-Tenne	R26-05A1.14-P-0003	Other	55720100	Ins W/C Cap	November-14	10700000	Hwy 28 12 and 8 DI Main Extension	11.48	A
1026-Tenne	D26-0201-P-0484	Other	55720100	Ins W/C Cap	November-14	10700000	Edgewood Ln Install 195'-4" Main	10.7	DV
1026-Tenne	R26-02C1.14-P-0001	Other	55720100	Ins W/C Cap	December-14	10700000	Mains-Unscheduled	401.39	C
1026-Tenne	R26-02D1.14-P-0004	Other	55720100	Ins W/C Cap	November-14	10700000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	2.21	D
1026-Tenne	R26-05B1.14-P-0002	Overhead	52801100	Indirect OH	November-14	10700000	W. GEORGIA AVE MAIN REPLACEMENT	1154.38	B
1026-Tenne	R26-05A1.14-P-0002	Overhead	52801100	Indirect OH	November-14	10700000	Whitwell- Dunlap Interconnect	67.17	A
1026-Tenne	R26-02C1.14-P-0002	Overhead	52801100	Indirect OH	December-14	10700000	MEMORIAL DRIVE 16" MAIN REPAIR	-64.86	C
1026-Tenne	R26-02D1.14-P-0005	Overhead	52805100	Indirect OH	December-14	25710000	iGOU GAP AND jENKINS RD - 4-8" OFFS	0.11	D
1026-Tenne	R26-02D1.11-P-0001	Contracted	53110000	Contr Svc-Er	November-14	10700000	US27 BTN RIVERFRONT RELOCATION MAIN	657.49	D
1026-Tenne	R26-02B1.13-P-0021	Contracted	53110000	Contr Svc-Er	November-14	25710000	INSTALL 645'-6" MAIN IN CRESCENT PA	39.73	B
1026-Tenne	R26-02B1.13-P-0022	Contracted	53110000	Contr Svc-Er	November-14	25710000	INSTALL 575' -6" MAIN IN 1ST AVENUE	90.34	B
1026-Tenne	R26-02A1.13-P-0006	Contracted	53110000	Contr Svc-Er	December-14	10700000	Mack Smith rd main extension	628.9	A
1026-Tenne	R26-02B1.13-P-0022	Contracted	53110000	Contr Svc-Er	November-14	10700000	INSTALL 575' -6" MAIN IN 1ST AVENUE	1284.86	B
1026-Tenne	D26-0201-P-0480	Contracted	53110000	Contr Svc-Er	November-14	10700000	WORTHINGTON ST FIRE HYDRANT INSTALL	169.95	DV
1026-Tenne	R26-02B1.14-P-0007	Other	62520700	Misc Main P	December-14	25710000	Sunbeam Ave Main Replacement. Inst	732.65	B
1026-Tenne	R26-02B1.14-P-0007	Other	62520700	Misc Main P	November-14	10700000	Sunbeam Ave Main Replacement. Inst	11147.52	B
1026-Tenne	R26-02A1.14-P-0002	Other	62520700	Misc Main P	December-14	10700000	OLAN MILLS DR 12" MAIN RELOCATION	831.5	A
1026-Tenne	R26-05A1.14-P-0003	AFUDC Equi	70510000	AFUDC-Equi	November-14	10700000	Hwy 28 12 and 8 DI Main Extension	64.62	A
1026-Tenne	R26-05D1.14-P-0001	AFUDC Equi	70510000	AFUDC-Equi	November-14	10700000	Work Order	1.35	D
1026-Tenne	R26-02C1.14-P-0002	AFUDC Equi	70510000	AFUDC-Equi	November-14	10700000	MEMORIAL DRIVE 16" MAIN REPAIR	50.9	C
1026-Tenne	R26-02B1.14-P-0007	AFUDC Equi	70510000	AFUDC-Equi	November-14	10700000	Sunbeam Ave Main Replacement. Inst	95.6	B
1026-Tenne	R26-02D1.14-P-0011	AFUDC Equi	70510000	AFUDC-Equi	November-14	10700000	Seneca Ave Offset 8" Main around 2	6.69	D
1026-Tenne	R26-02B1.13-P-0022	AFUDC Equi	70510000	AFUDC-Equi	November-14	10700000	INSTALL 575' -6" MAIN IN 1ST AVENUE	137.43	B
1026-Tenne	D26-0201-P-0471	CWIP Accru	52801200	Capital Acc	November-14	10700000	Cameron Harbor Lofts 2772'-8" main	18337.89	DV
1026-Tenne	R26-05B1.14-P-0002	CWIP Accru	52801200	Capital Acc	November-14	10700000	W. GEORGIA AVE MAIN REPLACEMENT	-19474.48	B
1026-Tenne	R26-05B1.14-P-0002	CWIP Accru	52801200	Capital Acc	December-14	10700000	W. GEORGIA AVE MAIN REPLACEMENT	-11950.04	B
1026-Tenne	R26-02D1.14-P-0004	CWIP Accru	52801200	Capital Acc	December-14	10700000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	-37749.27	D
1026-Tenne	D26-0201-P-0464	CWIP Accru	52801200	Capital Acc	December-14	10700000	CITY OF CHATTANOOGA'S 40 FH FOR 201	9680.02	DV
1026-Tenne	R26-02B1.14-P-0007	CWIP Accru	52801200	Capital Acc	November-14	25710000	Sunbeam Ave Main Replacement. Inst	-691.28	B
1026-Tenne	R26-05C1.14-P-0001	CWIP Accru	52801200	Capital Acc	November-14	25710000	Unscheduled Main Replacements	0.01	C
1026-Tenne	R26-05A1.14-P-0002	CWIP Accru	52801200	Capital Acc	December-14	10700000	Whitwell- Dunlap Interconnect	2083.5	A
1026-Tenne	R26-02A1.13-P-0006	CWIP Accru	52801200	Capital Acc	December-14	10700000	Mack Smith rd main extension	3568.6	A
1026-Tenne	R26-02D1.14-P-0009	Labor Overh	68533100	FICA Cap Cr	November-14	10700000	Calhoun Avenue 16" relocation with	7.1	D
1026-Tenne	R26-05C1.14-P-0001	Labor Overh	68533100	FICA Cap Cr	November-14	10700000	Unscheduled Main Replacements	105.42	C
1026-Tenne	D26-0201-P-0483	Labor Overh	68533100	FICA Cap Cr	November-14	10700000	Brookside Commons Subdivision	26.04	DV
1026-Tenne	D26-0201-P-0483	Labor Overh	68533100	FICA Cap Cr	December-14	10700000	Brookside Commons Subdivision	14.28	DV
1026-Tenne	R26-02B1.13-P-0021	Labor Overh	68533100	FICA Cap Cr	November-14	25710000	INSTALL 645'-6" MAIN IN CRESCENT PA	0.93	B
1026-Tenne	R26-02C1.14-P-0001	Labor Overh	68533100	FICA Cap Cr	December-14	25710000	Mains-Unscheduled	356.29	C
1026-Tenne	R26-02D1.14-P-0009	Labor Overh	68533100	FICA Cap Cr	December-14	25710000	Calhoun Avenue 16" relocation with	1.29	D
1026-Tenne	R26-02D1.14-P-0004	Labor Overh	68533100	FICA Cap Cr	November-14	10700000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	8.47	D

company_c	work_order_number	charge_type	external_co	cost_eleme	charge_mo_yr	external_gl_	work_order_description	amount	project type
1026-Tenne	D26-0201-P-0485	Labor	50109900	Labor Cap C	December-14	10700000	The Ridges at Black Creek	1290.01	DV
1026-Tenne	R26-02D1.14-P-0004	Labor	50109900	Labor Cap C	November-14	25710000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	48.4	D
1026-Tenne	R26-02D1.14-P-0009	Labor	50109900	Labor Cap C	December-14	25710000	Calhoun Avenue 16" relocation with	17.13	D
1026-Tenne	R26-02C1.14-P-0001	Labor	50109900	Labor Cap C	December-14	25710000	Mains-Unscheduled	3684.42	C
1026-Tenne	R26-02B1.14-P-0007	Labor	50109900	Labor Cap C	November-14	10700000	Sunbeam Ave Main Replacement. Inst	-82.58	B
1026-Tenne	R26-05C1.14-P-0001	Labor	50119900	LaborNSOT	November-14	25710000	Unscheduled Main Replacements	0.05	C
1026-Tenne	R26-05B1.14-P-0002	Labor Overh	50421100	401k Exp Ca	November-14	10700000	W. GEORGIA AVE MAIN REPLACEMENT	6.95	B
1026-Tenne	D26-0201-P-0464	Labor Overh	50421100	401k Exp Ca	November-14	10700000	CITY OF CHATTANOOGA'S 40 FH FOR 201	1.49	DV
1026-Tenne	R26-05A1.14-P-0003	Labor Overh	50421100	401k Exp Ca	December-14	10700000	Hwy 28 12 and 8 DI Main Extension	-2.7	A
1026-Tenne	R26-02C1.14-P-0002	Labor Overh	50421100	401k Exp Ca	November-14	25710000	MEMORIAL DRIVE 16" MAIN REPAIR	0.1	C
1026-Tenne	R26-02D1.14-P-0004	Labor Overh	50421100	401k Exp Ca	December-14	25710000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	4.44	D
1026-Tenne	R26-02B1.14-P-0007	Labor Overh	50421100	401k Exp Ca	November-14	10700000	Sunbeam Ave Main Replacement. Inst	-3.32	B
1026-Tenne	R26-02C1.14-P-0002	Labor Overh	50421100	401k Exp Ca	November-14	10700000	MEMORIAL DRIVE 16" MAIN REPAIR	1.89	C
1026-Tenne	R26-02C1.14-P-0001	Labor Overh	50422100	DCP Exp Cap	December-14	10700000	Mains-Unscheduled	702.82	C
1026-Tenne	R26-05A1.14-P-0003	Labor Overh	50422100	DCP Exp Cap	December-14	10700000	Hwy 28 12 and 8 DI Main Extension	-3.54	A
1026-Tenne	D26-0201-P-0483	Labor Overh	50422100	DCP Exp Cap	December-14	10700000	Brookside Commons Subdivision	9.79	DV
1026-Tenne	D26-0201-P-0464	Labor Overh	50422100	DCP Exp Cap	December-14	10700000	CITY OF CHATTANOOGA'S 40 FH FOR 201	-0.65	DV
1026-Tenne	R26-02D1.14-P-0009	Labor Overh	50422100	DCP Exp Cap	December-14	10700000	Calhoun Avenue 16" relocation with	5.08	D
1026-Tenne	R26-02C1.14-P-0002	Labor Overh	50422100	DCP Exp Cap	November-14	25710000	MEMORIAL DRIVE 16" MAIN REPAIR	0.13	C
1026-Tenne	R26-05C1.14-P-0001	Labor Overh	50422100	DCP Exp Cap	November-14	25710000	Unscheduled Main Replacements	0.02	C
1026-Tenne	R26-05A1.14-P-0002	Labor Overh	50422100	DCP Exp Cap	December-14	10700000	Whitwell- Dunlap Interconnect	-4.57	A
1026-Tenne	R26-02C1.14-P-0001	Labor Overh	50426100	Retiree Mec	November-14	10700000	Mains-Unscheduled	0.91	C
1026-Tenne	R26-02C1.14-P-0001	Labor Overh	50426100	Retiree Mec	December-14	10700000	Mains-Unscheduled	39.25	C
1026-Tenne	R26-02C1.14-P-0001	Labor Overh	50426100	Retiree Mec	November-14	25710000	Mains-Unscheduled	0.21	C
1026-Tenne	R26-02C1.14-P-0001	Labor Overh	50510100	PBOP Cap C	December-14	10700000	Mains-Unscheduled	1533.39	C
1026-Tenne	R26-02B1.14-P-0007	Labor Overh	50510100	PBOP Cap C	November-14	25710000	Sunbeam Ave Main Replacement. Inst	-0.32	B
1026-Tenne	R26-05C1.14-P-0001	Labor Overh	50510100	PBOP Cap C	December-14	25710000	Unscheduled Main Replacements	0.04	C
1026-Tenne	R26-02B1.13-P-0022	Labor Overh	50510100	PBOP Cap C	November-14	10700000	INSTALL 575' -6" MAIN IN 1ST AVENUE	1.75	B
1026-Tenne	R26-02D1.14-P-0009	Labor Overh	50550100	Group Ins Ca	November-14	10700000	Calhoun Avenue 16" relocation with	10.17	D
1026-Tenne	R26-02C1.14-P-0001	Labor Overh	50550100	Group Ins Ca	November-14	10700000	Mains-Unscheduled	1754.95	C
1026-Tenne	R26-02B1.14-P-0007	Labor Overh	50550100	Group Ins Ca	December-14	25710000	Sunbeam Ave Main Replacement. Inst	0.5	B
1026-Tenne	R26-02C1.14-P-0001	Labor Overh	50550100	Group Ins Ca	December-14	25710000	Mains-Unscheduled	906.21	C
1026-Tenne	R26-02A1.14-P-0002	Labor Overh	50550100	Group Ins Ca	November-14	10700000	OLAN MILLS DR 12" MAIN RELOCATION	2.66	A
1026-Tenne	R26-02B1.13-P-0021	Labor Overh	50550100	Group Ins Ca	November-14	10700000	INSTALL 645'-6" MAIN IN CRESCENT PA	4	B
1026-Tenne	R26-02A1.14-P-0002	Labor Overh	50550100	Group Ins Ca	December-14	10700000	OLAN MILLS DR 12" MAIN RELOCATION	-1.35	A
1026-Tenne	R26-05A1.14-P-0003	Labor Overh	50610100	Pension Cap	November-14	10700000	Hwy 28 12 and 8 DI Main Extension	42.96	A
1026-Tenne	D26-0201-P-0484	Labor Overh	50610100	Pension Cap	November-14	10700000	Edgewood Ln Install 195'-4" Main	40.04	DV
1026-Tenne	R26-05B1.14-P-0002	Labor Overh	50610100	Pension Cap	December-14	10700000	W. GEORGIA AVE MAIN REPLACEMENT	16.09	B
1026-Tenne	R26-02D1.14-P-0009	Labor Overh	50610100	Pension Cap	December-14	10700000	Calhoun Avenue 16" relocation with	7.15	D
1026-Tenne	D26-0201-P-0467	Labor Overh	50610100	Pension Cap	December-14	10700000	INSTALL 640'-6" MAIN IN NO WAKE CIR	17.46	DV
1026-Tenne	R26-05A1.14-P-0002	Labor Overh	50610100	Pension Cap	December-14	10700000	Whitwell- Dunlap Interconnect	-6.4	A
1026-Tenne	R26-02B1.13-P-0021	Labor Overh	50610100	Pension Cap	November-14	10700000	INSTALL 645'-6" MAIN IN CRESCENT PA	2.75	B

company_c	work_order_number	charge_type	external_co	cost_eleme	charge_mo_yr	external_gl_	work_order_description	amount	project type
1026-Tenne	R26-05C1.14-P-0001	Materials &	52000000	M&S Natura	November-14	10700000	Unscheduled Main Replacements	470.33	C
1026-Tenne	R26-05B1.14-P-0002	Materials &	52000000	M&S Natura	December-14	10700000	W. GEORGIA AVE MAIN REPLACEMENT	398.59	B
1026-Tenne	R26-02C1.15-P-0001	Materials &	52000000	M&S Natura	December-14	25710000	Work Order	37.94	C
1026-Tenne	R26-05C1.14-P-0001	Materials &	52000000	M&S Natura	November-14	25710000	Unscheduled Main Replacements	0.12	C
1026-Tenne	D26-0201-P-0482	Materials &	52000000	M&S Natura	December-14	10700000	The Colony at Normal Park	13132.21	DV
1026-Tenne	R26-05B1.14-P-0002	Other	52500000	MiscExp Nat	December-14	10700000	W. GEORGIA AVE MAIN REPLACEMENT	60.98	B
1026-Tenne	R26-02C1.14-P-0001	Other	52500000	MiscExp Nat	November-14	25710000	Mains-Unscheduled	116.35	C
1026-Tenne	D26-0201-P-0464	AFUDC Debt	85000000	AFUDC Debt	November-14	10700000	CITY OF CHATTANOOGA'S 40 FH FOR 201	158.31	DV
1026-Tenne	R26-02B1.13-P-0006	AFUDC Debt	85000000	AFUDC Debt	November-14	10700000	10TH AVE 560'- 8" MAIN EXTENSION	1.02	B
1026-Tenne	R26-02B1.14-P-0007	AFUDC Debt	85000000	AFUDC Debt	November-14	10700000	Sunbeam Ave Main Replacement. Inst	105.55	B
1026-Tenne	R26-02D1.14-P-0004	AFUDC Debt	85000000	AFUDC Debt	December-14	10700000	BONNY OAKS @ VOLKSWAGEN 12" RELOCAT	83.2	D

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 15-00111
SECOND DISCOVERY SET OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Brent O'Neill

Question: 02-009

Refer to the updated spreadsheet included in the Company's reply to CPAD Data Request Item 1-10 regarding the source and support for the $6,150,000 as a 2014 SCEP reforecast for the wastewater treatment investment project that is included on the "WKP 2015 In-Serviced SCEP" tab of the Company's filing. Please elaborate further on the Company's response. Specifically, explain how $6,150,000 could have been spent on this item in 2014, when the actual balance for this period shows $0 spending. In addition, please provide the source and support for the $6,150,000 amount.

Response:

The project had actual spend during 2014 but the project was not placed in service until 2015, so it is not reflected with 2014 actual in-serviced amounts. Attached please find the actual spend for the project from January 2014 through December 2014 that totaled $7,493,083.39. Since the anticipated In-Service date was indicated as 5/31/2015 the WKP 2014 Actual worksheets did not include these costs since the project would not have been placed in service at the end of 2014. The WKP 2014 Actuals supports the Budget Lines and projects that were placed in service during 2014.

The source for the $6,150,000 is derived from the 2015 SCEP and the 2014 SCEP. Specifically, the 2015 SCEP provided two pieces of information that was used in developing the $6,150,000 amount. First the 2015 SCEP indicated that project I26-020032 Wastewater Treatment and Handling Improvements had an overall cost of $15.3 million. Second the 2015 SCEP indicated that during 2015 the project was to spend $7,150,000. Since the indicated in service date of 5/31/2015 was indicated on the 2015 SCEP it was determined that the difference between the overall project cost of $15.3 million and the expected 2015 spend of $7.15 million would be the balance of the spend that would occur prior to 2015. The balance of $8.15 million is the amount that was determined to be required to be spent prior to 2015.

The determination of $6,150,000 is calculated from using the 2014 SCEP and the balance of $8,150,000 that was determined through the 2015 SCEP. The 2014 SCEP (page 2 of 2 on Workpaper 2014 SCEP) indicated that project I26-020032 Wastewater Treatment and Handling Improvements was to have a 2014 spend of $2,000,000. This left $6,150,000 that was not accounted for in the 2014 SCEP. Page 2 of 15 of the Workpaper 2015 In-Serviced SCEP was an annotation of the change between the 2014 SCEP and the 2015 SCEP. The workpaper indicated the $2,000,000 amount that was shown on the 2014 SCEP as Inception to Date Spend. Based on the knowledge from the 2015 SCEP that $8,150,000 was expected to be spent prior to 2015, the

worksheet annotated the additional $6,150,000 as a 2014 SCEP Reforecast to bring the total expected spend when added to the 2014 SCEP spend of $2,000,000 to the estimated spend prior to 2015 of $8,150,000. There are no additional documents to provide the source and support for the $6,150,000 amount.

Company	Object	Document	Document	Cost Element	Cost element descr.	Name	Val/CO Area Crcy	Posting Date	Name of offsetting account	Fiscal Year	Purchase order text
1026	I26-020032-01AD20	PA	100133566	50100000	Labor Natural Account		$ 519.02	3/7/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100136369	50100000	Labor Natural Account		$ 164.18	3/21/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100142547	50100000	Labor Natural Account		$ 902.33	4/4/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100145957	50100000	Labor Natural Account		$ 451.16	4/18/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100149030	50100000	Labor Natural Account		$ 213.92	5/2/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100154530	50100000	Labor Natural Account		$ 643.04	5/16/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100157852	50100000	Labor Natural Account		$ 872.38	5/30/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100163688	50100000	Labor Natural Account		$ 810.11	6/13/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100166716	50100000	Labor Natural Account		$ 447.48	6/27/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100172626	50100000	Labor Natural Account		$ 808.83	7/11/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100176071	50100000	Labor Natural Account		$ 1,496.06	7/25/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100182007	50100000	Labor Natural Account		$ 1,630.86	8/8/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100185227	50100000	Labor Natural Account		$ 2,140.38	8/22/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100191347	50100000	Labor Natural Account		$ 2,677.50	9/5/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100194168	50100000	Labor Natural Account		$ 1,649.88	9/19/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100197755	50100000	Labor Natural Account		$ 2,295.06	10/3/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100203292	50100000	Labor Natural Account		$ 2,433.83	10/17/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100206492	50100000	Labor Natural Account		$ 2,164.14	10/31/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100212815	50100000	Labor Natural Account		$ 2,223.56	11/14/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100216314	50100000	Labor Natural Account		$ 3,095.97	11/28/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100221855	50100000	Labor Natural Account		$ 2,913.53	12/12/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100225261	50100000	Labor Natural Account		$ 2,088.85	12/26/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100136368	50100001	Labor Expense Accrual		$ 180.60	3/1/2014	Accr Wages	2014	
1026	I26-020032-01AD20	PA	100136369	50100001	Labor Expense Accrual		$ (180.60)	4/1/2014	Accr Wages	2014	
1026	I26-020032-01AD20	PA	100145956	50100001	Labor Expense Accrual		$ 586.51	4/1/2014	Accr Wages	2014	
1026	I26-020032-01AD20	PA	100145957	50100001	Labor Expense Accrual		$ (586.51)	5/1/2014	Accr Wages	2014	
1026	I26-020032-01AD20	PA	100157852	50100001	Labor Expense Accrual		$ 484.65	5/1/2014	Accr Wages	2014	
1026	I26-020032-01AD20	PA	100157852	50100001	Labor Expense Accrual		$ (484.65)	6/1/2014	Accr Wages	2014	
1026	I26-020032-01AD20	PA	100166716	50100001	Labor Expense Accrual		$ 274.95	6/1/2014	Accr Wages	2014	
1026	I26-020032-01AD20	PA	100166716	50100001	Labor Expense Accrual		$ (274.95)	7/1/2014	Accr Wages	2014	
1026	I26-020032-01AD20	PA	100176071	50100001	Labor Expense Accrual		$ 1,530.57	7/1/2014	Accr Wages	2014	
1026	I26-020032-01AD20	PA	100176072	50100001	Labor Expense Accrual		$ (1,530.57)	8/1/2014	Accr Wages	2014	
1026	I26-020032-01AD20	PA	100185227	50100001	Labor Expense Accrual		$ 2,237.29	8/1/2014	Accr Wages	2014	
1026	I26-020032-01AD20	PA	100185227	50100001	Labor Expense Accrual		$ (2,237.29)	9/1/2014	Accr Wages	2014	
1026	I26-020032-01AD20	PA	100194168	50100001	Labor Expense Accrual		$ 1,979.88	9/1/2014	Accr Wages	2014	
1026	I26-020032-01AD20	PA	100194168	50100001	Labor Expense Accrual		$ (1,979.88)	10/1/2014	Accr Wages	2014	
1026	I26-020032-01AD20	PA	100203292	50100001	Labor Expense Accrual		$ 1,216.92	10/1/2014	Accr Wages	2014	
1026	I26-020032-01AD20	PA	100203292	50100001	Labor Expense Accrual		$ (1,216.92)	11/1/2014	Accr Wages	2014	
1026	I26-020032-01AD20	PA	100216313	50100001	Labor Expense Accrual		$ 1,669.61	11/1/2014	Accr Wages	2014	
1026	I26-020032-01AD20	PA	100216314	50100001	Labor Expense Accrual		$ (1,669.61)	12/1/2014	Accr Wages	2014	
1026	I26-020032-01AD20	PA	100225261	50100001	Labor Expense Accrual		$ 1,671.05	12/1/2014	Accr Wages	2014	
1026	I26-020032-01AD20	PA	100157852	50110000	Labor Non-scheduled Overtime - Natural A		$ 96.91	5/30/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100166716	50110000	Labor Non-scheduled Overtime - Natural A		$ 10.77	6/27/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100176071	50110000	Labor Non-scheduled Overtime - Natural A		$ 204.58	7/25/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100185227	50110000	Labor Non-scheduled Overtime - Natural A		$ 96.91	8/22/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100216314	50110000	Labor Non-scheduled Overtime - Natural A		$ 264.24	11/28/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100221855	50110000	Labor Non-scheduled Overtime - Natural A		$ 132.12	12/12/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100133566	50421000	401k Expense		$ 7.64	3/7/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100136368	50421000	401k Expense		$ 0.61	3/1/2014	Accr Wages	2014	
1026	I26-020032-01AD20	PA	100136369	50421000	401k Expense		$ 0.55	3/21/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100136369	50421000	401k Expense		$ (0.61)	4/1/2014	Accr Wages	2014	
1026	I26-020032-01AD20	PA	100142547	50421000	401k Expense		$ 12.12	4/4/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100145956	50421000	401k Expense		$ 2.86	4/1/2014	Accr Wages	2014	
1026	I26-020032-01AD20	PA	100145957	50421000	401k Expense		$ 2.20	4/18/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100145957	50421000	401k Expense		$ (2.86)	5/1/2014	Accr Wages	2014	
1026	I26-020032-01AD20	PA	100149030	50421000	401k Expense		$ 3.31	5/2/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100154530	50421000	401k Expense		$ 8.82	5/16/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100157852	50421000	401k Expense		$ 8.13	5/1/2014	Accr Wages	2014	
1026	I26-020032-01AD20	PA	100157852	50421000	401k Expense		$ 16.25	5/30/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100157852	50421000	401k Expense		$ (8.13)	6/1/2014	Accr Wages	2014	
1026	I26-020032-01AD20	PA	100163688	50421000	401k Expense		$ 9.82	6/13/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100166716	50421000	401k Expense		$ 3.59	6/1/2014	Accr Wages	2014	
1026	I26-020032-01AD20	PA	100166716	50421000	401k Expense		$ 5.98	6/27/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100166716	50421000	401k Expense		$ (3.59)	7/1/2014	Accr Wages	2014	
1026	I26-020032-01AD20	PA	100172626	50421000	401k Expense		$ 8.04	7/11/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100176071	50421000	401k Expense		$ 17.45	7/1/2014	Accr Wages	2014	
1026	I26-020032-01AD20	PA	100176071	50421000	401k Expense		$ 19.39	7/25/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100176072	50421000	401k Expense		$ (17.45)	8/1/2014	Accr Wages	2014	
1026	I26-020032-01AD20	PA	100182007	50421000	401k Expense		$ 29.43	8/8/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100185227	50421000	401k Expense		$ 35.38	8/1/2014	Accr Wages	2014	
1026	I26-020032-01AD20	PA	100185227	50421000	401k Expense		$ 35.38	8/22/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100185227	50421000	401k Expense		$ (35.38)	9/1/2014	Accr Wages	2014	
1026	I26-020032-01AD20	PA	100191347	50421000	401k Expense		$ 45.94	9/5/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100194168	50421000	401k Expense		$ 27.58	9/1/2014	Accr Wages	2014	
1026	I26-020032-01AD20	PA	100194168	50421000	401k Expense		$ 22.98	9/19/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100194168	50421000	401k Expense		$ (27.58)	10/1/2014	Accr Wages	2014	
1026	I26-020032-01AD20	PA	100197755	50421000	401k Expense		$ 45.94	10/3/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100203292	50421000	401k Expense		$ 43.61	10/17/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100203292	50421000	401k Expense		$ 21.81	10/1/2014	Accr Wages	2014	
1026	I26-020032-01AD20	PA	100203292	50421000	401k Expense		$ (21.81)	11/1/2014	Accr Wages	2014	

1026	I26-020032-01AD20	PA	10020649:50421000	401k Expense	$	45.94	10/31/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	10021281:50421000	401k Expense	$	55.41	11/14/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	10021631:50421000	401k Expense	$	28.22	11/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	10021631:50421000	401k Expense	$	56.38	11/28/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	10021631:50421000	401k Expense	$	(28.22)	12/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	10022185:50421000	401k Expense	$	55.10	12/12/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	10022526:50421000	401k Expense	$	43.34	12/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	10022526:50421000	401k Expense	$	54.15	12/26/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	10013356:50422000	Defined Compensation Plan Expense	$	11.21	3/7/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	10013636:50422000	Defined Compensation Plan Expense	$	8.22	3/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	10013636:50422000	Defined Compensation Plan Expense	$	7.47	3/21/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	10013636:50422000	Defined Compensation Plan Expense	$	(8.22)	4/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	10014254:50422000	Defined Compensation Plan Expense	$	21.92	4/4/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	10014595:50422000	Defined Compensation Plan Expense	$	24.78	4/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	10014595:50422000	Defined Compensation Plan Expense	$	19.06	4/18/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	10014595:50422000	Defined Compensation Plan Expense	$	(24.78)	5/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	10014903:50422000	Defined Compensation Plan Expense	$	4.29	5/2/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	10015453:50422000	Defined Compensation Plan Expense	$	15.25	5/16/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	10015785:50422000	Defined Compensation Plan Expense	$	6.67	5/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	10015785:50422000	Defined Compensation Plan Expense	$	13.34	5/30/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	10015785:50422000	Defined Compensation Plan Expense	$	(6.67)	6/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	10016368:50422000	Defined Compensation Plan Expense	$	21.92	6/13/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	10016671:50422000	Defined Compensation Plan Expense	$	11.43	6/27/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	10016671:50422000	Defined Compensation Plan Expense	$	6.86	6/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	10016671:50422000	Defined Compensation Plan Expense	$	(6.86)	7/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	10017262:50422000	Defined Compensation Plan Expense	$	27.39	7/11/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	10017607:50422000	Defined Compensation Plan Expense	$	42.88	7/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	10017607:50422000	Defined Compensation Plan Expense	$	47.64	7/25/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	10017607:50422000	Defined Compensation Plan Expense	$	(42.88)	8/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	10018200:50422000	Defined Compensation Plan Expense	$	23.82	8/8/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	10018522:50422000	Defined Compensation Plan Expense	$	40.02	8/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	10018522:50422000	Defined Compensation Plan Expense	$	40.02	8/22/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	10018522:50422000	Defined Compensation Plan Expense	$	(40.02)	9/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	10019134:50422000	Defined Compensation Plan Expense	$	36.21	9/5/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	10019416:50422000	Defined Compensation Plan Expense	$	36.56	9/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	10019416:50422000	Defined Compensation Plan Expense	$	30.48	9/19/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	10019416:50422000	Defined Compensation Plan Expense	$	(36.56)	10/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	10019775:50422000	Defined Compensation Plan Expense	$	18.12	10/3/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	10020329:50422000	Defined Compensation Plan Expense	$	36.20	10/17/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	10020329:50422000	Defined Compensation Plan Expense	$	18.14	10/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	10020329:50422000	Defined Compensation Plan Expense	$	(18.14)	11/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	10020649:50422000	Defined Compensation Plan Expense	$	17.17	10/31/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	10021281:50422000	Defined Compensation Plan Expense	$	76.83	11/14/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	10021631:50422000	Defined Compensation Plan Expense	$	33.30	11/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	10021631:50422000	Defined Compensation Plan Expense	$	66.49	11/28/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	10021631:50422000	Defined Compensation Plan Expense	$	(33.30)	12/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	10022185:50422000	Defined Compensation Plan Expense	$	60.48	12/12/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	10022526:50422000	Defined Compensation Plan Expense	$	16.22	12/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	10022526:50422000	Defined Compensation Plan Expense	$	20.27	12/26/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	10013356:50550000	Group Insurance Expense	$	86.44	3/7/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	10013636:50550000	Group Insurance Expense	$	35.44	3/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	10013636:50550000	Group Insurance Expense	$	32.21	3/21/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	10013636:50550000	Group Insurance Expense	$	(35.44)	4/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	10014254:50550000	Group Insurance Expense	$	151.03	4/4/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	10014595:50550000	Group Insurance Expense	$	110.69	4/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	10014595:50550000	Group Insurance Expense	$	85.14	4/18/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	10014595:50550000	Group Insurance Expense	$	(110.69)	5/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	10014903:50550000	Group Insurance Expense	$	34.72	5/2/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	10015453:50550000	Group Insurance Expense	$	107.01	5/16/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	10015785:50550000	Group Insurance Expense	$	97.72	5/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	10015785:50550000	Group Insurance Expense	$	195.37	5/30/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	10015785:50550000	Group Insurance Expense	$	(97.72)	6/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	10016368:50550000	Group Insurance Expense	$	149.54	6/13/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	10016671:50550000	Group Insurance Expense	$	59.04	6/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	10016671:50550000	Group Insurance Expense	$	98.39	6/27/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	10016671:50550000	Group Insurance Expense	$	(59.04)	7/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	10017262:50550000	Group Insurance Expense	$	161.19	7/11/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	10017607:50550000	Group Insurance Expense	$	323.48	7/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	10017607:50550000	Group Insurance Expense	$	359.43	7/25/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	10017607:50550000	Group Insurance Expense	$	(323.48)	8/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	10018200:50550000	Group Insurance Expense	$	360.42	8/8/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	10018522:50550000	Group Insurance Expense	$	476.19	8/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	10018522:50550000	Group Insurance Expense	$	476.19	8/22/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	10018522:50550000	Group Insurance Expense	$	(476.19)	9/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	10019134:50550000	Group Insurance Expense	$	588.10	9/5/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	10019416:50550000	Group Insurance Expense	$	426.80	9/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	10019416:50550000	Group Insurance Expense	$	355.59	9/19/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	10019416:50550000	Group Insurance Expense	$	(426.80)	10/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	10019775:50550000	Group Insurance Expense	$	511.34	10/3/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	10020329:50550000	Group Insurance Expense	$	536.61	10/17/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	10020329:50550000	Group Insurance Expense	$	268.57	10/1/2014	Accr Wages	2014

1026	I26-020032-01AD20	PA	100203292	50550000	Group Insurance Expense		$ (268.57)	11/1/2014	Accr Wages	2014	
1026	I26-020032-01AD20	PA	100206492	50550000	Group Insurance Expense		$ 484.91	10/31/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100212815	50550000	Group Insurance Expense		$ 493.19	11/14/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100216313	50550000	Group Insurance Expense		$ 339.94	11/1/2014	Accr Wages	2014	
1026	I26-020032-01AD20	PA	100216314	50550000	Group Insurance Expense		$ 679.39	11/28/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100216314	50550000	Group Insurance Expense		$ (339.94)	12/1/2014	Accr Wages	2014	
1026	I26-020032-01AD20	PA	100221855	50550000	Group Insurance Expense		$ 619.65	12/12/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100225261	50550000	Group Insurance Expense		$ 371.52	12/1/2014	Accr Wages	2014	
1026	I26-020032-01AD20	PA	100225261	50550000	Group Insurance Expense		$ 464.42	12/26/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	WE	100159211	52000000	M & S (O&M) - Natural Account	nv#14355 May 15 2014	$ 283.54	5/30/2014	A/P-GRIR CapSvc	2014	Material Line
1026	I26-020032-01AD20	WE	100159211	52000000	M & S (O&M) - Natural Account	INV#14368 May 2014	$ 617.85	5/30/2014	A/P-GRIR CapSvc	2014	Material Line
1026	I26-020032-01AD20	ZI	100135475	52535000	Meals Deductible	PANERA BREAD #3510	$ 137.53	3/6/2014	A/P-Pcard	2014	
1026	I26-020032-01AD20	ZI	100164328	52801000	Capital Purchases Clearing	A & L EASTERN LABORATORIE	$ 456.30	6/6/2014	A/P-Pcard	2014	
1026	I26-020032-01AD20	ZI	100174784	52801000	Capital Purchases Clearing	PIPING SUPPLY CO	$ 178.49	7/16/2014	A/P-Pcard	2014	
1026	I26-020032-01AD20	SX	100152682	52801100	Indirect Overhead Clearing		$ 233.21	4/30/2014	Contr Svc-Eng	2014	
1026	I26-020032-01AD20	SG	100119444	52801200	Capital Accrual Clearing	CDM SMITH INC	$ (114,790.00)	1/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD20	SV	100125584	52801200	Capital Accrual Clearing	CDM Smith Inc	$ 8,000.00	1/31/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD20	SV	100125584	52801200	Capital Accrual Clearing	Eslinger Contracting	$ 20,888.00	1/31/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD20	SG	100126443	52801200	Capital Accrual Clearing	CDM Smith Inc	$ (8,000.00)	2/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD20	SG	100126443	52801200	Capital Accrual Clearing	Eslinger Contracting	$ (20,888.00)	2/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD20	SV	100133511	52801200	Capital Accrual Clearing	ESLINGER CONTRACTING CO	$ 10,818.50	2/28/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD20	SG	100133643	52801200	Capital Accrual Clearing	ESLINGER CONTRACTING CO	$ (10,818.50)	3/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD20	SV	100143434	52801200	Capital Accrual Clearing	TDEC-Consolidated Fee Section	$ 1,000.00	3/31/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD20	SV	100143434	52801200	Capital Accrual Clearing	TDEC-Consolidated Fee Section	$ 200.00	3/31/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD20	SV	100143434	52801200	Capital Accrual Clearing	CHATTANOOGA CITY OF	$ 195.00	3/31/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD20	SV	100143437	52801200	Capital Accrual Clearing	CDM SMITH INC	$ 203,090.00	3/31/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD20	SG	100143944	52801200	Capital Accrual Clearing	CDM SMITH INC	$ (203,090.00)	4/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD20	SG	100143945	52801200	Capital Accrual Clearing	TDEC-Consolidated Fee Section	$ (1,000.00)	4/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD20	SG	100143945	52801200	Capital Accrual Clearing	TDEC-Consolidated Fee Section	$ (200.00)	4/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD20	SG	100143945	52801200	Capital Accrual Clearing	CHATTANOOGA CITY OF	$ (195.00)	4/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD20	SY	100146214	52801200	Capital Accrual Clearing		$ 114,790.00	4/16/2014	CWIP	2014	
1026	I26-020032-01AD20	SV	100152683	52801200	Capital Accrual Clearing	CDM SMITH INC	$ 88,300.00	4/30/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD20	SG	100153950	52801200	Capital Accrual Clearing	CDM SMITH INC	$ (88,300.00)	5/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD20	SV	100162253	52801200	Capital Accrual Clearing	114479 CDM SMITH INC	$ 26,429.00	5/31/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD20	SG	100162408	52801200	Capital Accrual Clearing	114479 CDM SMITH INC	$ (26,429.00)	6/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD20	SV	100191623	52801200	Capital Accrual Clearing	CDM SMITH INC	$ 17,660.00	8/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD20	SG	100191713	52801200	Capital Accrual Clearing	CDM SMITH INC	$ (17,660.00)	9/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD20	SV	100211523	52801200	Capital Accrual Clearing	CDM SMITH INC	$ 44,150.00	10/31/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD20	SG	100211663	52801200	Capital Accrual Clearing	CDM SMITH INC	$ (44,150.00)	11/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD20	SV	100220463	52801200	Capital Accrual Clearing	CDM SMITH INC	$ 9,072.74	11/30/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD20	SG	100220713	52801200	Capital Accrual Clearing	CDM SMITH INC	$ (9,072.74)	12/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD20	WE	100117483	53110000	Contract Svc-Eng - Natural Account	January 2, 2014 - Estimate of Work	$ 114,790.00	1/2/2014	GRIR-Non-inventory	2014	Citico Wastewater Improvements
1026	I26-020032-01AD20	WE	100125508	53110000	Contract Svc-Eng - Natural Account	February 5, 2014 - Estimate of Work	$ 8,000.00	2/5/2014	GRIR-Non-inventory	2014	Citico Wastewater Improvements
1026	I26-020032-01AD20	WE	100126430	53110000	Contract Svc-Eng - Natural Account	February 7, 2014 - Estimate of Work	$ 80,300.00	2/7/2014	GRIR-Non-inventory	2014	Citico Wastewater Improvements
1026	I26-020032-01AD20	WE	100130257	53110000	Contract Svc-Eng - Natural Account	February VOW	$ 15,000.00	2/24/2014	GRIR-Non-inventory	2014	Citico Wastewater Improvements
1026	I26-020032-01AD20	WE	100133300	53110000	Contract Svc-Eng - Natural Account	March 4, 2014 - Estimate of Work	$ 161,600.00	3/4/2014	GRIR-Non-inventory	2014	Citico Wastewater Improvements
1026	I26-020032-01AD20	WE	100148138	53110000	Contract Svc-Eng - Natural Account	April 28, 2014 - Estimate of Work	$ 203,090.00	4/28/2014	GRIR-Non-inventory	2014	Citico Wastewater Improvements
1026	I26-020032-01AD20	SX	100152682	53110000	Contract Svc-Eng - Natural Account		$ 9,500.00	4/30/2014	Contr Svc-Eng	2014	
1026	I26-020032-01AD20	WE	100154343	53110000	Contract Svc-Eng - Natural Account	May 13, 2014 - Estimate of Work	$ 88,300.00	5/13/2014	GRIR-Non-inventory	2014	Citico Wastewater Improvements
1026	I26-020032-01AD20	WE	100154521	53110000	Contract Svc-Eng - Natural Account	Work Performed Invoice No. 13-039-2	$ 4,422.50	5/13/2014	GRIR-Non-inventory	2014	Wiehl St Boundry Survey
1026	I26-020032-01AD20	WE	100165168	53110000	Contract Svc-Eng - Natural Account	VOW - Invoice No. 6 dated May 24, 2014	$ 26,490.00	6/17/2014	A/P-GRIR CapSvc	2014	Citico WW Improvements
1026	I26-020032-01AD20	WE	100166473	53110000	Contract Svc-Eng - Natural Account	VOW - Invoice No. 7 dated June 23, 2014	$ 17,660.00	6/23/2014	A/P-GRIR CapSvc	2014	Citico WW Improvements
1026	I26-020032-01AD20	WE	100171905	53110000	Contract Svc-Eng - Natural Account	VOW July 2014	$ 129,600.00	7/3/2014	A/P-GRIR CapSvc	2014	Citico Trtmt Plant Imp Const Supervision
1026	I26-020032-01AD20	KR	100174073	53110000	Contract Svc-Eng - Natural Account		$ 3,070.22	7/14/2014	HARTNETT PARTNERING CONSULTANTS	2014	
1026	I26-020032-01AD20	WE	100177306	53110000	Contract Svc-Eng - Natural Account	VOW - Invoice No. 8 dated July 28, 2014	$ 17,660.00	7/28/2014	A/P-GRIR CapSvc	2014	Citico WW Improvements
1026	I26-020032-01AD20	WE	100195878	53110000	Contract Svc-Eng - Natural Account	VOW - September 2014	$ 30,905.00	9/25/2014	A/P-GRIR CapSvc	2014	Citico WW Improvements
1026	I26-020032-01AD20	WE	100124428	53150000	Contract Svc-Other - Natural Account	January 2014 VOW	$ 20,888.00	1/31/2014	GRIR-Non-inventory	2014	Zinc Removal Project Potholing
1026	I26-020032-01AD20	WE	100139124	53150000	Contract Svc-Other - Natural Account	Inv#'s 14277 & 14291 / True Up to Final	$ 19,461.09	3/28/2014	GRIR-Non-inventory	2014	Zinc Removal Project Potholing
1026	I26-020032-01AD20	WE	100159211	53150000	Contract Svc-Other - Natural Account	Inv#14355 May 15 2014	$ 1,694.38	5/30/2014	A/P-GRIR CapSvc	2014	Labor Line
1026	I26-020032-01AD20	WE	100159211	53150000	Contract Svc-Other - Natural Account	INV#14368 May 2014	$ 9,996.00	5/30/2014	A/P-GRIR CapSvc	2014	Labor Line
1026	I26-020032-01AD20	WE	100168822	53150000	Contract Svc-Other - Natural Account	Work Performed Invoice dated 6-17-14	$ 2,300.00	6/30/2014	A/P-GRIR CapSvc	2014	Gravel Lot Siskin Clear Undergrowth
1026	I26-020032-01AD20	KR	100181639	53150000	Contract Svc-Other - Natural Account		$ 185.73	8/5/2014	QUALITY SERVICE CO	2014	
1026	I26-020032-01AD20	ZI	100167778	53152000	Contract Svc-Lab Testing - Water Treatme	A & L EASTERN LABORATORIE	$ 96.50	6/25/2014	A/P-Pcard	2014	
1026	I26-020032-01AD20	ZF	100140251	62520800	Misc Maint Permits - Natural Account		$ 195.00	4/1/2014	CHATTANOOGA CITY OF	2014	
1026	I26-020032-01AD20	ZF	100140251	62520800	Misc Maint Permits - Natural Account		$ 200.00	4/1/2014	TDEC-Consolidated Fee Section	2014	
1026	I26-020032-01AD20	ZF	100140251	62520800	Misc Maint Permits - Natural Account		$ 1,000.00	4/1/2014	TDEC-Consolidated Fee Section	2014	
1026	I26-020032-01AD20	ZF	100144481	62520800	Misc Maint Permits - Natural Account		$ 217.00	4/9/2014	CHATTANOOGA CITY OF	2014	
1026	I26-020032-01AD20	ZF	100144481	62520800	Misc Maint Permits - Natural Account		$ 200.00	4/9/2014	TDEC-Consolidated Fee Section	2014	
1026	I26-020032-01AD20	ZF	100144481	62520800	Misc Maint Permits - Natural Account		$ 1,000.00	4/9/2014	TDEC-Consolidated Fee Section	2014	
1026	I26-020032-01AD20	KA	100145457	62520800	Misc Maint Permits - Natural Account		$ (1,000.00)	4/14/2014	TDEC-Consolidated Fee Section	2014	
1026	I26-020032-01AD20	KA	100145457	62520800	Misc Maint Permits - Natural Account		$ (200.00)	4/14/2014	TDEC-Consolidated Fee Section	2014	
1026	I26-020032-01AD20	KA	100145457	62520800	Misc Maint Permits - Natural Account		$ (195.00)	4/14/2014	CHATTANOOGA CITY OF	2014	
1026	I26-020032-01AD20	PA	100133563	68533000	FICA		$ 38.48	3/7/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100136368	68533000	FICA		$ 13.36	3/1/2014	Accr Wages	2014	
1026	I26-020032-01AD20	PA	100136369	68533000	FICA		$ 12.14	3/21/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100136369	68533000	FICA		$ (13.36)	4/1/2014	Accr Wages	2014	
1026	I26-020032-01AD20	PA	100142547	68533000	FICA		$ 66.90	4/4/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100145959	68533000	FICA		$ 43.27	4/1/2014	Accr Wages	2014	
1026	I26-020032-01AD20	PA	100145959	68533000	FICA		$ 33.28	4/18/2014	PNC AWCC-PR-Out ACH	2014	
1026	I26-020032-01AD20	PA	100145959	68533000	FICA		$ (43.27)	5/1/2014	Accr Wages	2014	
1026	I26-020032-01AD20	PA	100149030	68533000	FICA		$ 15.88	5/2/2014	PNC AWCC-PR-Out ACH	2014	

1026	I26-020032-01AD20	PA	100154530	68533000	FICA	$	47.69	5/16/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	100157850	68533000	FICA	$	35.60	5/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	100157852	68533000	FICA	$	71.18	5/30/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	100157852	68533000	FICA	$	(35.60)	6/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	100163688	68533000	FICA	$	59.78	6/13/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	100166716	68533000	FICA	$	20.14	6/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	100166716	68533000	FICA	$	33.58	6/27/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	100166716	68533000	FICA	$	(20.14)	7/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	100172626	68533000	FICA	$	59.45	7/11/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	100176071	68533000	FICA	$	112.23	7/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	100176071	68533000	FICA	$	124.69	7/25/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	100176072	68533000	FICA	$	(112.23)	8/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	100182001	68533000	FICA	$	119.29	8/8/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	100185227	68533000	FICA	$	163.91	8/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	100185227	68533000	FICA	$	163.91	8/22/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	100185227	68533000	FICA	$	(163.91)	9/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	100191347	68533000	FICA	$	195.58	9/5/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	100194168	68533000	FICA	$	144.62	9/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	100194168	68533000	FICA	$	120.49	9/19/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	100194168	68533000	FICA	$	(144.62)	10/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	100197755	68533000	FICA	$	167.54	10/3/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	100203292	68533000	FICA	$	178.04	10/17/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	100203292	68533000	FICA	$	89.14	10/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	100203292	68533000	FICA	$	(89.14)	11/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	100206492	68533000	FICA	$	158.16	10/31/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	100212815	68533000	FICA	$	161.79	11/14/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	100216313	68533000	FICA	$	123.15	11/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	100216314	68533000	FICA	$	245.98	11/28/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	100216314	68533000	FICA	$	(123.15)	12/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	100221855	68533000	FICA	$	223.56	12/12/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	PA	100225261	68533000	FICA	$	122.12	12/1/2014	Accr Wages	2014
1026	I26-020032-01AD20	PA	100225261	68533000	FICA	$	152.64	12/26/2014	PNC AWCC-PR-Out ACH	2014
1026	I26-020032-01AD20	SX	100152682	70510000	AFUDC - Equity	$	213.05	4/30/2014	Contr Svc-Eng	2014
1026	I26-020032-01AD20	SX	100152682	85000000	AFUDC Debt	$	235.20	4/30/2014	Contr Svc-Eng	2014
1026	I26-020032-01AD20		300370448	95051000	SCE-PBOP Expense - (41)	$	39.02	3/31/2014		2014
1026	I26-020032-01AD20		300378532	95051000	SCE-PBOP Expense - (41)	$	25.92	3/31/2014		2014
1026	I26-020032-01AD20		300382725	95051000	SCE-PBOP Expense - (41)	$	(18.09)	3/27/2014		2014
1026	I26-020032-01AD20		300400445	95051000	SCE-PBOP Expense - (41)	$	132.27	4/30/2014		2014
1026	I26-020032-01AD20		300412954	95051000	SCE-PBOP Expense - (41)	$	(28.01)	5/31/2014		2014
1026	I26-020032-01AD20		300420194	95051000	SCE-PBOP Expense - (41)	$	48.34	5/31/2014		2014
1026	I26-020032-01AD20		300428309	95051000	SCE-PBOP Expense - (41)	$	109.31	5/31/2014		2014
1026	I26-020032-01AD20		300439306	95051000	SCE-PBOP Expense - (41)	$	(36.44)	6/30/2014		2014
1026	I26-020032-01AD20		300444752	95051000	SCE-PBOP Expense - (41)	$	60.91	6/30/2014		2014
1026	I26-020032-01AD20		300453369	95051000	SCE-PBOP Expense - (41)	$	55.12	6/30/2014		2014
1026	I26-020032-01AD20		300474127	95051000	SCE-PBOP Expense - (41)	$	283.06	7/31/2014		2014
1026	I26-020032-01AD20		300485168	95051000	SCE-PBOP Expense - (41)	$	7.54	8/31/2014		2014
1026	I26-020032-01AD20		300493443	95051000	SCE-PBOP Expense - (41)	$	336.40	8/31/2014		2014
1026	I26-020032-01AD20		300504372	95051000	SCE-PBOP Expense - (41)	$	33.09	9/30/2014		2014
1026	I26-020032-01AD20		300511590	95051000	SCE-PBOP Expense - (41)	$	272.89	9/30/2014		2014
1026	I26-020032-01AD20		300536415	95051000	SCE-PBOP Expense - (41)	$	460.86	10/31/2014		2014
1026	I26-020032-01AD20		300546970	95051000	SCE-PBOP Expense - (41)	$	(91.49)	11/30/2014		2014
1026	I26-020032-01AD20		300553272	95051000	SCE-PBOP Expense - (41)	$	167.17	11/30/2014		2014
1026	I26-020032-01AD20		300563063	95051000	SCE-PBOP Expense - (41)	$	378.14	11/30/2014		2014
1026	I26-020032-01AD20		300571149	95051000	SCE-PBOP Expense - (41)	$	(125.52)	12/31/2014		2014
1026	I26-020032-01AD20		300576554	95051000	SCE-PBOP Expense - (41)	$	228.97	12/31/2014		2014
1026	I26-020032-01AD20		300586062	95051000	SCE-PBOP Expense - (41)	$	282.67	12/31/2014		2014
1026	I26-020032-01AD20		300370448	95061000	SCE-Pension Expense - (41)	$	27.69	3/31/2014		2014
1026	I26-020032-01AD20		300378532	95061000	SCE-Pension Expense - (41)	$	18.39	3/31/2014		2014
1026	I26-020032-01AD20		300382725	95061000	SCE-Pension Expense - (41)	$	62.36	3/27/2014		2014
1026	I26-020032-01AD20		300400445	95061000	SCE-Pension Expense - (41)	$	129.58	4/30/2014		2014
1026	I26-020032-01AD20		300412954	95061000	SCE-Pension Expense - (41)	$	(27.44)	5/31/2014		2014
1026	I26-020032-01AD20		300420194	95061000	SCE-Pension Expense - (41)	$	47.36	5/31/2014		2014
1026	I26-020032-01AD20		300428309	95061000	SCE-Pension Expense - (41)	$	107.08	5/31/2014		2014
1026	I26-020032-01AD20		300439306	95061000	SCE-Pension Expense - (41)	$	(35.69)	6/30/2014		2014
1026	I26-020032-01AD20		300444752	95061000	SCE-Pension Expense - (41)	$	59.66	6/30/2014		2014
1026	I26-020032-01AD20		300453369	95061000	SCE-Pension Expense - (41)	$	54.00	6/30/2014		2014
1026	I26-020032-01AD20		300474127	95061000	SCE-Pension Expense - (41)	$	277.30	7/31/2014		2014
1026	I26-020032-01AD20		300485168	95061000	SCE-Pension Expense - (41)	$	7.39	8/31/2014		2014
1026	I26-020032-01AD20		300493443	95061000	SCE-Pension Expense - (41)	$	329.55	8/31/2014		2014
1026	I26-020032-01AD20		300504372	95061000	SCE-Pension Expense - (41)	$	32.42	9/30/2014		2014
1026	I26-020032-01AD20		300511590	95061000	SCE-Pension Expense - (41)	$	267.33	9/30/2014		2014
1026	I26-020032-01AD20		300536415	95061000	SCE-Pension Expense - (41)	$	451.48	10/31/2014		2014
1026	I26-020032-01AD20		300546970	95061000	SCE-Pension Expense - (41)	$	(89.63)	11/30/2014		2014
1026	I26-020032-01AD20		300553272	95061000	SCE-Pension Expense - (41)	$	163.77	11/30/2014		2014
1026	I26-020032-01AD20		300563063	95061000	SCE-Pension Expense - (41)	$	370.45	11/30/2014		2014
1026	I26-020032-01AD20		300571149	95061000	SCE-Pension Expense - (41)	$	(122.97)	12/31/2014		2014
1026	I26-020032-01AD20		300576554	95061000	SCE-Pension Expense - (41)	$	224.32	12/31/2014		2014
1026	I26-020032-01AD20		300586062	95061000	SCE-Pension Expense - (41)	$	276.91	12/31/2014		2014
1026	I26-020032-01AD20		300370448	95500000	SCE-Transportation Oper - A&G - (41)	$	42.01	3/31/2014		2014
1026	I26-020032-01AD20		300378532	95500000	SCE-Transportation Oper - A&G - (41)	$	27.91	3/31/2014		2014
1026	I26-020032-01AD20		300400445	95500000	SCE-Transportation Oper - A&G - (41)	$	240.49	4/30/2014		2014

1026	I26-020032-01AD20	30041295	95500000	SCE-Transportation Oper - A&G - (41)			$	(50.93)	5/31/2014		2014
1026	I26-020032-01AD20	30042019	95500000	SCE-Transportation Oper - A&G - (41)			$	87.90	5/31/2014		2014
1026	I26-020032-01AD20	30042830	95500000	SCE-Transportation Oper - A&G - (41)			$	198.74	5/31/2014		2014
1026	I26-020032-01AD20	30043930	95500000	SCE-Transportation Oper - A&G - (41)			$	(66.25)	6/30/2014		2014
1026	I26-020032-01AD20	30044475	95500000	SCE-Transportation Oper - A&G - (41)			$	110.74	6/30/2014		2014
1026	I26-020032-01AD20	30045336	95500000	SCE-Transportation Oper - A&G - (41)			$	100.22	6/30/2014		2014
1026	I26-020032-01AD20	30047412	95500000	SCE-Transportation Oper - A&G - (41)			$	342.51	7/31/2014		2014
1026	I26-020032-01AD20	30048516	95500000	SCE-Transportation Oper - A&G - (41)			$	9.12	8/31/2014		2014
1026	I26-020032-01AD20	30049344	95500000	SCE-Transportation Oper - A&G - (41)			$	407.06	8/31/2014		2014
1026	I26-020032-01AD20	30050437	95500000	SCE-Transportation Oper - A&G - (41)			$	40.05	9/30/2014		2014
1026	I26-020032-01AD20	30051159	95500000	SCE-Transportation Oper - A&G - (41)			$	330.20	9/30/2014		2014
1026	I26-020032-01AD20	30053641	95500000	SCE-Transportation Oper - A&G - (41)			$	399.01	10/31/2014		2014
1026	I26-020032-01AD20	30054697	95500000	SCE-Transportation Oper - A&G - (41)			$	(79.21)	11/30/2014		2014
1026	I26-020032-01AD20	30055327	95500000	SCE-Transportation Oper - A&G - (41)			$	144.73	11/30/2014		2014
1026	I26-020032-01AD20	30056306	95500000	SCE-Transportation Oper - A&G - (41)			$	327.39	11/30/2014		2014
1026	I26-020032-01AD20	30057114	95500000	SCE-Transportation Oper - A&G - (41)			$	(108.67)	12/31/2014		2014
1026	I26-020032-01AD20	30057655	95500000	SCE-Transportation Oper - A&G - (41)			$	198.24	12/31/2014		2014
1026	I26-020032-01AD20	30058606	95500000	SCE-Transportation Oper - A&G - (41)			$	244.73	12/31/2014		2014
1026	I26-020032-01AD20	30037044	95572000	SCE-Insurance Workers Comp - (41)			$	10.21	3/31/2014		2014
1026	I26-020032-01AD20	30037853	95572000	SCE-Insurance Workers Comp - (41)			$	6.79	3/31/2014		2014
1026	I26-020032-01AD20	30038272	95572000	SCE-Insurance Workers Comp - (41)			$	(21.09)	3/27/2014		2014
1026	I26-020032-01AD20	30040044	95572000	SCE-Insurance Workers Comp - (41)			$	34.62	4/30/2014		2014
1026	I26-020032-01AD20	30041295	95572000	SCE-Insurance Workers Comp - (41)			$	(7.33)	5/31/2014		2014
1026	I26-020032-01AD20	30042019	95572000	SCE-Insurance Workers Comp - (41)			$	12.65	5/31/2014		2014
1026	I26-020032-01AD20	30042830	95572000	SCE-Insurance Workers Comp - (41)			$	28.62	5/31/2014		2014
1026	I26-020032-01AD20	30043930	95572000	SCE-Insurance Workers Comp - (41)			$	(9.54)	6/30/2014		2014
1026	I26-020032-01AD20	30044475	95572000	SCE-Insurance Workers Comp - (41)			$	15.95	6/30/2014		2014
1026	I26-020032-01AD20	30045336	95572000	SCE-Insurance Workers Comp - (41)			$	14.42	6/30/2014		2014
1026	I26-020032-01AD20	30047412	95572000	SCE-Insurance Workers Comp - (41)			$	74.10	7/31/2014		2014
1026	I26-020032-01AD20	30048516	95572000	SCE-Insurance Workers Comp - (41)			$	1.97	8/31/2014		2014
1026	I26-020032-01AD20	30049344	95572000	SCE-Insurance Workers Comp - (41)			$	88.06	8/31/2014		2014
1026	I26-020032-01AD20	30050437	95572000	SCE-Insurance Workers Comp - (41)			$	8.66	9/30/2014		2014
1026	I26-020032-01AD20	30051159	95572000	SCE-Insurance Workers Comp - (41)			$	71.44	9/30/2014		2014
1026	I26-020032-01AD20	30053641	95572000	SCE-Insurance Workers Comp - (41)			$	120.64	10/31/2014		2014
1026	I26-020032-01AD20	30054697	95572000	SCE-Insurance Workers Comp - (41)			$	(23.95)	11/30/2014		2014
1026	I26-020032-01AD20	30055327	95572000	SCE-Insurance Workers Comp - (41)			$	43.76	11/30/2014		2014
1026	I26-020032-01AD20	30056306	95572000	SCE-Insurance Workers Comp - (41)			$	98.99	11/30/2014		2014
1026	I26-020032-01AD20	30057114	95572000	SCE-Insurance Workers Comp - (41)			$	(32.86)	12/31/2014		2014
1026	I26-020032-01AD20	30057655	95572000	SCE-Insurance Workers Comp - (41)			$	59.94	12/31/2014		2014
1026	I26-020032-01AD20	30058606	95572000	SCE-Insurance Workers Comp - (41)			$	74.00	12/31/2014		2014
1026	I26-020032-01AD20-99	30036676	95348100	SCE-SVC Dir Labor CAPX (21)	WBS I26-020032-01AD20-99	SC_339955 SCOH-Oper Svc Ctr OH	$	1,888.20	2/28/2014		2014
1026	I26-020032-01AD20-99	30036676	95348100	SCE-SVC Dir Labor CAPX (21)	WBS I26-020032-01AD20-99	SC_339955 SCOH-Oper Svc Ctr OH	$	3,072.68	2/28/2014		2014
1026	I26-020032-01AD20-99	30039005	95348100	SCE-SVC Dir Labor CAPX (21)	WBS I26-020032-01AD20-99	SC_339955 SCOH-Oper Svc Ctr OH	$	2,024.57	3/31/2014		2014
1026	I26-020032-01AD20-99	30039005	95348100	SCE-SVC Dir Labor CAPX (21)	WBS I26-020032-01AD20-99	SC_339955 SCOH-Oper Svc Ctr OH	$	3,580.88	3/31/2014		2014
1026	I26-020032-01AD20-99	30040923	95348100	SCE-SVC Dir Labor CAPX (21)	WBS I26-020032-01AD20-99	SC_339955 SCOH-Oper Svc Ctr OH	$	1,898.64	4/30/2014		2014
1026	I26-020032-01AD20-99	30040923	95348100	SCE-SVC Dir Labor CAPX (21)	WBS I26-020032-01AD20-99	SC_339955 SCOH-Oper Svc Ctr OH	$	3,194.79	4/30/2014		2014
1026	I26-020032-01AD20-99	30043577	95348100	SCE-SVC Dir Labor CAPX (21)	WBS I26-020032-01AD20-99	SC_339955 SCOH-Oper Svc Ctr OH	$	3,505.65	5/31/2014		2014
1026	I26-020032-01AD20-99	30043577	95348100	SCE-SVC Dir Labor CAPX (21)	WBS I26-020032-01AD20-99	SC_339955 SCOH-Oper Svc Ctr OH	$	2,381.35	5/31/2014		2014
1026	I26-020032-01AD20-99	30046227	95348100	SCE-SVC Dir Labor CAPX (21)	WBS I26-020032-01AD20-99	SC_339955 SCOH-Oper Svc Ctr OH	$	2,665.54	6/30/2014		2014
1026	I26-020032-01AD20-99	30046227	95348100	SCE-SVC Dir Labor CAPX (21)	WBS I26-020032-01AD20-99	SC_339955 SCOH-Oper Svc Ctr OH	$	3,675.81	6/30/2014		2014
1026	I26-020032-01AD20-99	30048133	95348100	SCE-SVC Dir Labor CAPX (21)	WBS I26-020032-01AD20-99	SC_339955 SCOH-Oper Svc Ctr OH	$	5,298.86	7/31/2014		2014
1026	I26-020032-01AD20-99	30048133	95348100	SCE-SVC Dir Labor CAPX (21)	WBS I26-020032-01AD20-99	SC_339955 SCOH-Oper Svc Ctr OH	$	129.20	7/31/2014		2014
1026	I26-020032-01AD20-99	30048134	95348100	SCE-SVC Dir Labor CAPX (21)	WBS I26-020032-01AD20-99	SC_339955 SCOH-Oper Svc Ctr OH	$	2,540.11	7/31/2014		2014
1026	I26-020032-01AD20-99	30050063	95348100	SCE-SVC Dir Labor CAPX (21)	WBS I26-020032-01AD20-99	SC_339955 SCOH-Oper Svc Ctr OH	$	5,740.39	8/31/2014		2014
1026	I26-020032-01AD20-99	30050064	95348100	SCE-SVC Dir Labor CAPX (21)	WBS I26-020032-01AD20-99	SC_339955 SCOH-Oper Svc Ctr OH	$	(61.20)	8/31/2014		2014
1026	I26-020032-01AD20-99	30050064	95348100	SCE-SVC Dir Labor CAPX (21)	WBS I26-020032-01AD20-99	SC_339955 SCOH-Oper Svc Ctr OH	$	3,370.50	8/31/2014		2014
1026	I26-020032-01AD20-99	30052095	95348100	SCE-SVC Dir Labor CAPX (21)	WBS I26-020032-01AD20-99	SC_339955 SCOH-Oper Svc Ctr OH	$	3,037.14	9/30/2014		2014
1026	I26-020032-01AD20-99	30052095	95348100	SCE-SVC Dir Labor CAPX (21)	WBS I26-020032-01AD20-99	SC_339955 SCOH-Oper Svc Ctr OH	$	3,175.12	9/30/2014		2014
1026	I26-020032-01AD20-99	30054373	95348100	SCE-SVC Dir Labor CAPX (21)	WBS I26-020032-01AD20-99	SC_339955 SCOH-Oper Svc Ctr OH	$	6,063.52	10/31/2014		2014
1026	I26-020032-01AD20-99	30054373	95348100	SCE-SVC Dir Labor CAPX (21)	WBS I26-020032-01AD20-99	SC_339955 SCOH-Oper Svc Ctr OH	$	1,372.75	10/31/2014		2014
1026	I26-020032-01AD20-99	30054373	95348100	SCE-SVC Dir Labor CAPX (21)	WBS I26-020032-01AD20-99	SC_339955 SCOH-Oper Svc Ctr OH	$	1,526.50	10/31/2014		2014
1026	I26-020032-01AD20-99	30056755	95348100	SCE-SVC Dir Labor CAPX (21)	WBS I26-020032-01AD20-99	SC_339955 SCOH-Oper Svc Ctr OH	$	(53.86)	11/30/2014		2014
1026	I26-020032-01AD20-99	30056755	95348100	SCE-SVC Dir Labor CAPX (21)	WBS I26-020032-01AD20-99	SC_339955 SCOH-Oper Svc Ctr OH	$	(391.00)	11/30/2014		2014
1026	I26-020032-01AD20-99	30056755	95348100	SCE-SVC Dir Labor CAPX (21)	WBS I26-020032-01AD20-99	SC_339955 SCOH-Oper Svc Ctr OH	$	2,564.52	11/30/2014		2014
1026	I26-020032-01AD20-99	30059394	95348100	SCE-SVC Dir Labor CAPX (21)	WBS I26-020032-01AD20-99	SC_339955 SCOH-Oper Svc Ctr OH	$	646.20	12/31/2014		2014
1026	I26-020032-01AD20-99	30059395	95348100	SCE-SVC Dir Labor CAPX (21)	WBS I26-020032-01AD20-99	SC_339955 SCOH-Oper Svc Ctr OH	$	1,721.89	12/31/2014		2014
1026	I26-020032-01AD20-99	30036760	95348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH		$	(2.36)	2/28/2014		2014
1026	I26-020032-01AD20-99	30036761	95348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH		$	44.24	2/28/2014		2014
1026	I26-020032-01AD20-99	30036761	95348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH		$	16.77	2/28/2014		2014
1026	I26-020032-01AD20-99	30036761	95348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH		$	70.32	2/28/2014		2014
1026	I26-020032-01AD20-99	30036761	95348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH		$	1.68	2/28/2014		2014
1026	I26-020032-01AD20-99	30039067	95348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH		$	99.13	3/31/2014		2014
1026	I26-020032-01AD20-99	30039067	95348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH		$	44.70	3/31/2014		2014
1026	I26-020032-01AD20-99	30039067	95348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH		$	73.26	3/31/2014		2014
1026	I26-020032-01AD20-99	30039067	95348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH		$	(1.18)	3/31/2014		2014
1026	I26-020032-01AD20-99	30039067	95348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH		$	2.14	3/31/2014		2014
1026	I26-020032-01AD20-99	30040677	95348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH		$	57.55	4/30/2014		2014
1026	I26-020032-01AD20-99	30040677	95348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH		$	3.70	4/30/2014		2014
1026	I26-020032-01AD20-99	30040677	95348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH		$	(9.17)	4/30/2014		2014
1026	I26-020032-01AD20-99	30040677	95348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH		$	52.22	4/30/2014		2014
1026	I26-020032-01AD20-99	30040677	95348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH		$	32.98	4/30/2014		2014

1026	I26-020032-01AD20-99	30043651595348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	(0.23)	5/31/2014		2014
1026	I26-020032-01AD20-99	30043651595348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	56.35	5/31/2014		2014
1026	I26-020032-01AD20-99	30043651595348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	7.15	5/31/2014		2014
1026	I26-020032-01AD20-99	30043651595348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	39.15	5/31/2014		2014
1026	I26-020032-01AD20-99	30043652595348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	174.29	5/31/2014		2014
1026	I26-020032-01AD20-99	30046288595348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	120.96	6/30/2014		2014
1026	I26-020032-01AD20-99	30046288595348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	14.00	6/30/2014		2014
1026	I26-020032-01AD20-99	30046288595348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	46.83	6/30/2014		2014
1026	I26-020032-01AD20-99	30046288595348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	(8.63)	6/30/2014		2014
1026	I26-020032-01AD20-99	30046288595348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	13.11	6/30/2014		2014
1026	I26-020032-01AD20-99	30048197595348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	3.14	7/31/2014		2014
1026	I26-020032-01AD20-99	30048197595348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	33.46	7/31/2014		2014
1026	I26-020032-01AD20-99	30048197595348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	63.44	7/31/2014		2014
1026	I26-020032-01AD20-99	30048198595348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	117.32	7/31/2014		2014
1026	I26-020032-01AD20-99	30050132595348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	3.90	8/31/2014		2014
1026	I26-020032-01AD20-99	30050132595348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	61.19	8/31/2014		2014
1026	I26-020032-01AD20-99	30050132595348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	3.12	8/31/2014		2014
1026	I26-020032-01AD20-99	30052163595348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	237.41	8/31/2014		2014
1026	I26-020032-01AD20-99	30052163595348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	79.65	9/30/2014		2014
1026	I26-020032-01AD20-99	30052163595348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	44.65	9/30/2014		2014
1026	I26-020032-01AD20-99	30052163595348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	7.75	9/30/2014		2014
1026	I26-020032-01AD20-99	30052163595348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	(6.41)	9/30/2014		2014
1026	I26-020032-01AD20-99	30054444595348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	197.15	10/31/2014		2014
1026	I26-020032-01AD20-99	30054444595348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	23.62	10/31/2014		2014
1026	I26-020032-01AD20-99	30054445595348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	66.68	10/31/2014		2014
1026	I26-020032-01AD20-99	30054445595348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	44.11	10/31/2014		2014
1026	I26-020032-01AD20-99	30056826595348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	47.32	11/30/2014		2014
1026	I26-020032-01AD20-99	30056826595348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	(3.06)	11/30/2014		2014
1026	I26-020032-01AD20-99	30056826595348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	16.79	11/30/2014		2014
1026	I26-020032-01AD20-99	30056827595348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	(26.29)	11/30/2014		2014
1026	I26-020032-01AD20-99	30059486595348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	42.86	12/31/2014		2014
1026	I26-020032-01AD20-99	30059486595348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	(12.72)	12/31/2014		2014
1026	I26-020032-01AD20-99	30059486595348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	25.04	12/31/2014		2014
1026	I26-020032-01AD20-99	30059486595348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.66	12/31/2014		2014
1026	I26-020032-01AD20-99	30059486595348101	SCE-SVC Dir Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	6.89	12/31/2014		2014
1026	I26-020032-01AD20-99	30036761595348106	SCE-SVC Oth Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	177.35	2/28/2014		2014
1026	I26-020032-01AD20-99	30036761595348106	SCE-SVC Oth Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	287.83	2/28/2014		2014
1026	I26-020032-01AD20-99	30039067595348106	SCE-SVC Oth Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	18.10	3/31/2014		2014
1026	I26-020032-01AD20-99	30039067595348106	SCE-SVC Oth Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	(115.58)	3/31/2014		2014
1026	I26-020032-01AD20-99	30040677595348106	SCE-SVC Oth Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	180.19	4/30/2014		2014
1026	I26-020032-01AD20-99	30040677595348106	SCE-SVC Oth Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	151.09	4/30/2014		2014
1026	I26-020032-01AD20-99	30043651595348106	SCE-SVC Oth Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	173.86	5/31/2014		2014
1026	I26-020032-01AD20-99	30043652595348106	SCE-SVC Oth Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	207.56	5/31/2014		2014
1026	I26-020032-01AD20-99	30046288595348106	SCE-SVC Oth Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	240.39	6/30/2014		2014
1026	I26-020032-01AD20-99	30046288595348106	SCE-SVC Oth Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	199.05	6/30/2014		2014
1026	I26-020032-01AD20-99	30048197595348106	SCE-SVC Oth Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	237.27	7/31/2014		2014
1026	I26-020032-01AD20-99	30048197595348106	SCE-SVC Oth Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	271.67	7/31/2014		2014
1026	I26-020032-01AD20-99	30050132595348106	SCE-SVC Oth Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	290.03	8/31/2014		2014
1026	I26-020032-01AD20-99	30050132595348106	SCE-SVC Oth Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	330.08	8/31/2014		2014
1026	I26-020032-01AD20-99	30052163595348106	SCE-SVC Oth Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	211.85	9/30/2014		2014
1026	I26-020032-01AD20-99	30052163595348106	SCE-SVC Oth Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	192.41	9/30/2014		2014
1026	I26-020032-01AD20-99	30054444595348106	SCE-SVC Oth Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	297.73	10/31/2014		2014
1026	I26-020032-01AD20-99	30054445595348106	SCE-SVC Oth Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	275.17	10/31/2014		2014
1026	I26-020032-01AD20-99	30056826595348106	SCE-SVC Oth Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	84.43	11/30/2014		2014
1026	I26-020032-01AD20-99	30056826595348106	SCE-SVC Oth Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	77.47	11/30/2014		2014
1026	I26-020032-01AD20-99	30056827595348106	SCE-SVC Oth Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.23	11/30/2014		2014
1026	I26-020032-01AD20-99	30059486595348106	SCE-SVC Oth Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	61.66	12/31/2014		2014
1026	I26-020032-01AD20-99	30059486595348106	SCE-SVC Oth Labor CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	67.62	12/31/2014		2014
1026	I26-020032-01AD20-99	30036760595348111	SCE-SVC Pension CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	(30.44)	2/28/2014		2014
1026	I26-020032-01AD20-99	30036761595348111	SCE-SVC Pension CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	49.08	2/28/2014		2014
1026	I26-020032-01AD20-99	30036761595348111	SCE-SVC Pension CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	(26.03)	2/28/2014		2014
1026	I26-020032-01AD20-99	30036761595348111	SCE-SVC Pension CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	(52.68)	2/28/2014		2014
1026	I26-020032-01AD20-99	30036761595348111	SCE-SVC Pension CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	71.89	2/28/2014		2014
1026	I26-020032-01AD20-99	30039067595348111	SCE-SVC Pension CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	71.90	3/31/2014		2014
1026	I26-020032-01AD20-99	30039067595348111	SCE-SVC Pension CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	49.08	3/31/2014		2014
1026	I26-020032-01AD20-99	30040677595348111	SCE-SVC Pension CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	60.93	4/30/2014		2014
1026	I26-020032-01AD20-99	30040677595348111	SCE-SVC Pension CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	41.60	4/30/2014		2014
1026	I26-020032-01AD20-99	30043651595348111	SCE-SVC Pension CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	47.92	5/31/2014		2014
1026	I26-020032-01AD20-99	30043652595348111	SCE-SVC Pension CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	70.19	5/31/2014		2014
1026	I26-020032-01AD20-99	30046288595348111	SCE-SVC Pension CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	81.29	6/30/2014		2014
1026	I26-020032-01AD20-99	30046288595348111	SCE-SVC Pension CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	55.50	6/30/2014		2014
1026	I26-020032-01AD20-99	30048197595348111	SCE-SVC Pension CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	91.87	7/31/2014		2014
1026	I26-020032-01AD20-99	30048198595348111	SCE-SVC Pension CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	62.72	7/31/2014		2014
1026	I26-020032-01AD20-99	30050132595348111	SCE-SVC Pension CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	111.57	8/31/2014		2014
1026	I26-020032-01AD20-99	30050132595348111	SCE-SVC Pension CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	76.17	8/31/2014		2014
1026	I26-020032-01AD20-99	30052163595348111	SCE-SVC Pension CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	73.75	9/30/2014		2014
1026	I26-020032-01AD20-99	30052163595348111	SCE-SVC Pension CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	50.35	9/30/2014		2014
1026	I26-020032-01AD20-99	30054444595348111	SCE-SVC Pension CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	103.65	10/31/2014		2014
1026	I26-020032-01AD20-99	30054445595348111	SCE-SVC Pension CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	70.76	10/31/2014		2014
1026	I26-020032-01AD20-99	30056826595348111	SCE-SVC Pension CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	29.32	11/30/2014		2014
1026	I26-020032-01AD20-99	30056826595348111	SCE-SVC Pension CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	20.02	11/30/2014		2014

1026	I26-020032-01AD20-99	30059486	95348111	SCE-SVC Pension CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	27.13	12/31/2014	2014
1026	I26-020032-01AD20-99	30059486	95348111	SCE-SVC Pension CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	18.52	12/31/2014	2014
1026	I26-020032-01AD20-99	30036676	95348120	SCE-SVC Group Ins CAPX (21)	WBS I26-020032-01AD20-99	$	260.96	2/28/2014	2014
1026	I26-020032-01AD20-99	30036676	95348120	SCE-SVC Group Ins CAPX (21)	WBS I26-020032-01AD20-99	$	311.42	2/28/2014	2014
1026	I26-020032-01AD20-99	30039005	95348120	SCE-SVC Group Ins CAPX (21)	WBS I26-020032-01AD20-99	$	275.34	3/31/2014	2014
1026	I26-020032-01AD20-99	30039005	95348120	SCE-SVC Group Ins CAPX (21)	WBS I26-020032-01AD20-99	$	352.80	3/31/2014	2014
1026	I26-020032-01AD20-99	30040923	95348120	SCE-SVC Group Ins CAPX (21)	WBS I26-020032-01AD20-99	$	250.42	4/30/2014	2014
1026	I26-020032-01AD20-99	30040923	95348120	SCE-SVC Group Ins CAPX (21)	WBS I26-020032-01AD20-99	$	309.04	4/30/2014	2014
1026	I26-020032-01AD20-99	30043577	95348120	SCE-SVC Group Ins CAPX (21)	WBS I26-020032-01AD20-99	$	462.60	5/31/2014	2014
1026	I26-020032-01AD20-99	30043577	95348120	SCE-SVC Group Ins CAPX (21)	WBS I26-020032-01AD20-99	$	232.20	5/31/2014	2014
1026	I26-020032-01AD20-99	30046227	95348120	SCE-SVC Group Ins CAPX (21)	WBS I26-020032-01AD20-99	$	366.41	6/30/2014	2014
1026	I26-020032-01AD20-99	30046227	95348120	SCE-SVC Group Ins CAPX (21)	WBS I26-020032-01AD20-99	$	361.94	6/30/2014	2014
1026	I26-020032-01AD20-99	30048133	95348120	SCE-SVC Group Ins CAPX (21)	WBS I26-020032-01AD20-99	$	729.71	7/31/2014	2014
1026	I26-020032-01AD20-99	30048134	95348120	SCE-SVC Group Ins CAPX (21)	WBS I26-020032-01AD20-99	$	249.92	7/31/2014	2014
1026	I26-020032-01AD20-99	30050063	95348120	SCE-SVC Group Ins CAPX (21)	WBS I26-020032-01AD20-99	$	791.49	8/31/2014	2014
1026	I26-020032-01AD20-99	30050064	95348120	SCE-SVC Group Ins CAPX (21)	WBS I26-020032-01AD20-99	$	329.15	8/31/2014	2014
1026	I26-020032-01AD20-99	30052095	95348120	SCE-SVC Group Ins CAPX (21)	WBS I26-020032-01AD20-99	$	425.08	9/30/2014	2014
1026	I26-020032-01AD20-99	30052095	95348120	SCE-SVC Group Ins CAPX (21)	WBS I26-020032-01AD20-99	$	312.03	9/30/2014	2014
1026	I26-020032-01AD20-99	30054373	95348120	SCE-SVC Group Ins CAPX (21)	WBS I26-020032-01AD20-99	$	838.30	10/31/2014	2014
1026	I26-020032-01AD20-99	30054373	95348120	SCE-SVC Group Ins CAPX (21)	WBS I26-020032-01AD20-99	$	150.31	10/31/2014	2014
1026	I26-020032-01AD20-99	30056755	95348120	SCE-SVC Group Ins CAPX (21)	WBS I26-020032-01AD20-99	$	(9.08)	11/30/2014	2014
1026	I26-020032-01AD20-99	30056755	95348120	SCE-SVC Group Ins CAPX (21)	WBS I26-020032-01AD20-99	$	252.08	11/30/2014	2014
1026	I26-020032-01AD20-99	30059394	95348120	SCE-SVC Group Ins CAPX (21)	WBS I26-020032-01AD20-99	$	89.36	12/31/2014	2014
1026	I26-020032-01AD20-99	30059395	95348120	SCE-SVC Group Ins CAPX (21)	WBS I26-020032-01AD20-99	$	169.29	12/31/2014	2014
1026	I26-020032-01AD20-99	30036760	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	(8.65)	2/28/2014	2014
1026	I26-020032-01AD20-99	30036761	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	18.63	2/28/2014	2014
1026	I26-020032-01AD20-99	30036761	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	(3.02)	2/28/2014	2014
1026	I26-020032-01AD20-99	30036761	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	(10.93)	2/28/2014	2014
1026	I26-020032-01AD20-99	30036761	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	23.67	2/28/2014	2014
1026	I26-020032-01AD20-99	30039067	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	22.56	3/31/2014	2014
1026	I26-020032-01AD20-99	30039067	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	23.82	3/31/2014	2014
1026	I26-020032-01AD20-99	30039067	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	(1.35)	3/31/2014	2014
1026	I26-020032-01AD20-99	30039067	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	(0.19)	3/31/2014	2014
1026	I26-020032-01AD20-99	30039067	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.89	3/31/2014	2014
1026	I26-020032-01AD20-99	30040677	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	20.90	4/30/2014	2014
1026	I26-020032-01AD20-99	30040677	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	2.39	4/30/2014	2014
1026	I26-020032-01AD20-99	30040677	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	2.04	4/30/2014	2014
1026	I26-020032-01AD20-99	30040677	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	15.52	4/30/2014	2014
1026	I26-020032-01AD20-99	30040677	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	2.71	4/30/2014	2014
1026	I26-020032-01AD20-99	30043651	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	1.87	5/31/2014	2014
1026	I26-020032-01AD20-99	30043651	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	6.10	5/31/2014	2014
1026	I26-020032-01AD20-99	30043651	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	18.31	5/31/2014	2014
1026	I26-020032-01AD20-99	30043651	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.17	5/31/2014	2014
1026	I26-020032-01AD20-99	30043652	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	23.22	5/31/2014	2014
1026	I26-020032-01AD20-99	30046288	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	3.36	6/30/2014	2014
1026	I26-020032-01AD20-99	30046288	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	36.00	6/30/2014	2014
1026	I26-020032-01AD20-99	30046288	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	19.73	6/30/2014	2014
1026	I26-020032-01AD20-99	30046288	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	(0.57)	6/30/2014	2014
1026	I26-020032-01AD20-99	30046288	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	3.88	6/30/2014	2014
1026	I26-020032-01AD20-99	30048197	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	3.51	7/31/2014	2014
1026	I26-020032-01AD20-99	30048197	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	5.19	7/31/2014	2014
1026	I26-020032-01AD20-99	30048197	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	38.78	7/31/2014	2014
1026	I26-020032-01AD20-99	30048198	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	24.23	7/31/2014	2014
1026	I26-020032-01AD20-99	30050132	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	3.56	8/31/2014	2014
1026	I26-020032-01AD20-99	30050132	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	9.13	8/31/2014	2014
1026	I26-020032-01AD20-99	30050132	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	26.61	8/31/2014	2014
1026	I26-020032-01AD20-99	30050132	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	51.97	8/31/2014	2014
1026	I26-020032-01AD20-99	30050132	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	1.05	8/31/2014	2014
1026	I26-020032-01AD20-99	30052163	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	28.98	9/30/2014	2014
1026	I26-020032-01AD20-99	30052163	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	1.18	9/30/2014	2014
1026	I26-020032-01AD20-99	30052163	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	2.44	9/30/2014	2014
1026	I26-020032-01AD20-99	30052163	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	(2.54)	9/30/2014	2014
1026	I26-020032-01AD20-99	30052163	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	17.90	9/30/2014	2014
1026	I26-020032-01AD20-99	30054444	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	48.47	10/31/2014	2014
1026	I26-020032-01AD20-99	30054445	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	1.84	10/31/2014	2014
1026	I26-020032-01AD20-99	30054445	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	26.24	10/31/2014	2014
1026	I26-020032-01AD20-99	30054445	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	1.13	10/31/2014	2014
1026	I26-020032-01AD20-99	30054445	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	8.09	10/31/2014	2014
1026	I26-020032-01AD20-99	30056826	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	12.93	11/30/2014	2014
1026	I26-020032-01AD20-99	30056826	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	(0.36)	11/30/2014	2014
1026	I26-020032-01AD20-99	30056826	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	7.38	11/30/2014	2014
1026	I26-020032-01AD20-99	30056826	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.85	11/30/2014	2014
1026	I26-020032-01AD20-99	30056827	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	(7.06)	11/30/2014	2014
1026	I26-020032-01AD20-99	30059486	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	12.59	12/31/2014	2014
1026	I26-020032-01AD20-99	30059486	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	(0.09)	12/31/2014	2014
1026	I26-020032-01AD20-99	30059486	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	7.98	12/31/2014	2014
1026	I26-020032-01AD20-99	30059486	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	1.00	12/31/2014	2014
1026	I26-020032-01AD20-99	30059486	95348121	SCE-SVC Group Ins CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	2.13	12/31/2014	2014
1026	I26-020032-01AD20-99	30036676	95348130	SCE-SVC Other Ben CAPX (21)	WBS I26-020032-01AD20-99	$	45.78	2/28/2014	2014
1026	I26-020032-01AD20-99	30036676	95348130	SCE-SVC Other Ben CAPX (21)	WBS I26-020032-01AD20-99	$	76.80	2/28/2014	2014
1026	I26-020032-01AD20-99	30039005	95348130	SCE-SVC Other Ben CAPX (21)	WBS I26-020032-01AD20-99	$	48.37	3/31/2014	2014

1026	I26-020032-01AD20-99	300390055	95348130	SCE-SVC Other Ben CAPX (21)	WBS I26-020032-01AD20-99	$ 86.94	3/31/2014	2014
1026	I26-020032-01AD20-99	300409231	95348130	SCE-SVC Other Ben CAPX (21)	WBS I26-020032-01AD20-99	$ 45.57	4/30/2014	2014
1026	I26-020032-01AD20-99	300409232	95348130	SCE-SVC Other Ben CAPX (21)	WBS I26-020032-01AD20-99	$ 79.87	4/30/2014	2014
1026	I26-020032-01AD20-99	300435778	95348130	SCE-SVC Other Ben CAPX (21)	WBS I26-020032-01AD20-99	$ 83.16	5/31/2014	2014
1026	I26-020032-01AD20-99	300435779	95348130	SCE-SVC Other Ben CAPX (21)	WBS I26-020032-01AD20-99	$ 59.04	5/31/2014	2014
1026	I26-020032-01AD20-99	300462270	95348130	SCE-SVC Other Ben CAPX (21)	WBS I26-020032-01AD20-99	$ 65.99	6/30/2014	2014
1026	I26-020032-01AD20-99	300462271	95348130	SCE-SVC Other Ben CAPX (21)	WBS I26-020032-01AD20-99	$ 92.04	6/30/2014	2014
1026	I26-020032-01AD20-99	300481338	95348130	SCE-SVC Other Ben CAPX (21)	WBS I26-020032-01AD20-99	$ 131.34	7/31/2014	2014
1026	I26-020032-01AD20-99	300481340	95348130	SCE-SVC Other Ben CAPX (21)	WBS I26-020032-01AD20-99	$ 63.51	7/31/2014	2014
1026	I26-020032-01AD20-99	300500639	95348130	SCE-SVC Other Ben CAPX (21)	WBS I26-020032-01AD20-99	$ 142.38	8/31/2014	2014
1026	I26-020032-01AD20-99	300500641	95348130	SCE-SVC Other Ben CAPX (21)	WBS I26-020032-01AD20-99	$ 84.28	8/31/2014	2014
1026	I26-020032-01AD20-99	300520959	95348130	SCE-SVC Other Ben CAPX (21)	WBS I26-020032-01AD20-99	$ 76.54	9/30/2014	2014
1026	I26-020032-01AD20-99	300520959	95348130	SCE-SVC Other Ben CAPX (21)	WBS I26-020032-01AD20-99	$ 79.34	9/30/2014	2014
1026	I26-020032-01AD20-99	300543730	95348130	SCE-SVC Other Ben CAPX (21)	WBS I26-020032-01AD20-99	$ 150.79	10/31/2014	2014
1026	I26-020032-01AD20-99	300543738	95348130	SCE-SVC Other Ben CAPX (21)	WBS I26-020032-01AD20-99	$ 38.20	10/31/2014	2014
1026	I26-020032-01AD20-99	300567559	95348130	SCE-SVC Other Ben CAPX (21)	WBS I26-020032-01AD20-99	$ (1.66)	11/30/2014	2014
1026	I26-020032-01AD20-99	300567559	95348130	SCE-SVC Other Ben CAPX (21)	WBS I26-020032-01AD20-99	$ 64.13	11/30/2014	2014
1026	I26-020032-01AD20-99	300593949	95348130	SCE-SVC Other Ben CAPX (21)	WBS I26-020032-01AD20-99	$ 16.04	12/31/2014	2014
1026	I26-020032-01AD20-99	300593950	95348130	SCE-SVC Other Ben CAPX (21)	WBS I26-020032-01AD20-99	$ 4.55	12/31/2014	2014
1026	I26-020032-01AD20-99	300367609	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 2.03	2/28/2014	2014
1026	I26-020032-01AD20-99	300367610	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 12.54	2/28/2014	2014
1026	I26-020032-01AD20-99	300367611	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 20.68	2/28/2014	2014
1026	I26-020032-01AD20-99	300367612	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 2.19	2/28/2014	2014
1026	I26-020032-01AD20-99	300367613	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 0.44	2/28/2014	2014
1026	I26-020032-01AD20-99	300390674	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 3.78	3/31/2014	2014
1026	I26-020032-01AD20-99	300390675	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 33.71	3/31/2014	2014
1026	I26-020032-01AD20-99	300390675	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 17.10	3/31/2014	2014
1026	I26-020032-01AD20-99	300390676	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 27.94	3/31/2014	2014
1026	I26-020032-01AD20-99	300390678	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 31.87	3/31/2014	2014
1026	I26-020032-01AD20-99	300406773	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 0.85	4/30/2014	2014
1026	I26-020032-01AD20-99	300406778	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 17.29	4/30/2014	2014
1026	I26-020032-01AD20-99	300406776	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ (0.71)	4/30/2014	2014
1026	I26-020032-01AD20-99	300406771	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 0.82	4/30/2014	2014
1026	I26-020032-01AD20-99	300406779	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 3.66	4/30/2014	2014
1026	I26-020032-01AD20-99	300436515	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 19.87	5/31/2014	2014
1026	I26-020032-01AD20-99	300436516	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 19.45	5/31/2014	2014
1026	I26-020032-01AD20-99	300436517	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 31.01	5/31/2014	2014
1026	I26-020032-01AD20-99	300436519	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 2.53	5/31/2014	2014
1026	I26-020032-01AD20-99	300436520	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 9.70	5/31/2014	2014
1026	I26-020032-01AD20-99	300462882	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 7.50	6/30/2014	2014
1026	I26-020032-01AD20-99	300462883	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 9.12	6/30/2014	2014
1026	I26-020032-01AD20-99	300462886	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 0.93	6/30/2014	2014
1026	I26-020032-01AD20-99	300462887	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 1.73	6/30/2014	2014
1026	I26-020032-01AD20-99	300462889	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 23.48	6/30/2014	2014
1026	I26-020032-01AD20-99	300481974	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 26.14	7/31/2014	2014
1026	I26-020032-01AD20-99	300481975	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 3.29	7/31/2014	2014
1026	I26-020032-01AD20-99	300481977	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 18.69	7/31/2014	2014
1026	I26-020032-01AD20-99	300481977	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 35.90	7/31/2014	2014
1026	I26-020032-01AD20-99	300481979	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 6.94	7/31/2014	2014
1026	I26-020032-01AD20-99	300501322	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 31.56	8/31/2014	2014
1026	I26-020032-01AD20-99	300501324	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 36.57	8/31/2014	2014
1026	I26-020032-01AD20-99	300501326	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 1.68	8/31/2014	2014
1026	I26-020032-01AD20-99	300501327	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 2.71	8/31/2014	2014
1026	I26-020032-01AD20-99	300501328	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 11.72	8/31/2014	2014
1026	I26-020032-01AD20-99	300521634	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 4.21	9/30/2014	2014
1026	I26-020032-01AD20-99	300521634	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 1.15	9/30/2014	2014
1026	I26-020032-01AD20-99	300521635	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 2.14	9/30/2014	2014
1026	I26-020032-01AD20-99	300521636	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 20.87	9/30/2014	2014
1026	I26-020032-01AD20-99	300521637	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ (1.82)	9/30/2014	2014
1026	I26-020032-01AD20-99	300544447	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 10.88	10/31/2014	2014
1026	I26-020032-01AD20-99	300544450	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 23.14	10/31/2014	2014
1026	I26-020032-01AD20-99	300544451	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 1.91	10/31/2014	2014
1026	I26-020032-01AD20-99	300544453	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 29.09	10/31/2014	2014
1026	I26-020032-01AD20-99	300544454	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 3.91	10/31/2014	2014
1026	I26-020032-01AD20-99	300568264	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 6.61	11/30/2014	2014
1026	I26-020032-01AD20-99	300568266	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 0.24	11/30/2014	2014
1026	I26-020032-01AD20-99	300568267	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 0.48	11/30/2014	2014
1026	I26-020032-01AD20-99	300568269	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 8.30	11/30/2014	2014
1026	I26-020032-01AD20-99	300568270	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ (2.91)	11/30/2014	2014
1026	I26-020032-01AD20-99	300594860	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 29.50	12/31/2014	2014
1026	I26-020032-01AD20-99	300594863	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 2.72	12/31/2014	2014
1026	I26-020032-01AD20-99	300594864	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 1.13	12/31/2014	2014
1026	I26-020032-01AD20-99	300594866	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 7.51	12/31/2014	2014
1026	I26-020032-01AD20-99	300594867	95348131	SCE-SVC Other Ben CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 1.13	12/31/2014	2014
1026	I26-020032-01AD20-99	300436517	95348141	SCE-SVC Cont Serv CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ 23.81	5/31/2014	2014
1026	I26-020032-01AD20-99	300462885	95348141	SCE-SVC Cont Serv CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$ (27.58)	6/30/2014	2014
1026	I26-020032-01AD20-99	300390055	95348150	SCE-SVC Off Suppl CAPX (21)	WBS I26-020032-01AD20-99	$ 581.75	3/31/2014	2014
1026	I26-020032-01AD20-99	300409231	95348150	SCE-SVC Off Suppl CAPX (21)	WBS I26-020032-01AD20-99	$ 172.80	4/30/2014	2014
1026	I26-020032-01AD20-99	300409232	95348150	SCE-SVC Off Suppl CAPX (21)	WBS I26-020032-01AD20-99	$ 1,062.27	4/30/2014	2014
1026	I26-020032-01AD20-99	300435778	95348150	SCE-SVC Off Suppl CAPX (21)	WBS I26-020032-01AD20-99	$ 896.98	5/31/2014	2014
1026	I26-020032-01AD20-99	300462270	95348150	SCE-SVC Off Suppl CAPX (21)	WBS I26-020032-01AD20-99	$ 1,197.89	6/30/2014	2014

1026	I26-020032-01AD20-99	30046227795348150	SCE-SVC Off Suppl CAPX (21)	WBS I26-020032-01AD20-99	$	398.00	6/30/2014			2014
1026	I26-020032-01AD20-99	30048133895348150	SCE-SVC Off Suppl CAPX (21)	WBS I26-020032-01AD20-99	$	994.14	7/31/2014			2014
1026	I26-020032-01AD20-99	30048134095348150	SCE-SVC Off Suppl CAPX (21)	WBS I26-020032-01AD20-99	$	2,119.05	7/31/2014			2014
1026	I26-020032-01AD20-99	30050063395348150	SCE-SVC Off Suppl CAPX (21)	WBS I26-020032-01AD20-99	$	698.83	8/31/2014			2014
1026	I26-020032-01AD20-99	30050064195348150	SCE-SVC Off Suppl CAPX (21)	WBS I26-020032-01AD20-99	$	117.22	8/31/2014			2014
1026	I26-020032-01AD20-99	30052095595348150	SCE-SVC Off Suppl CAPX (21)	WBS I26-020032-01AD20-99	$	574.61	9/30/2014			2014
1026	I26-020032-01AD20-99	30052095695348150	SCE-SVC Off Suppl CAPX (21)	WBS I26-020032-01AD20-99	$	473.34	9/30/2014			2014
1026	I26-020032-01AD20-99	30054373095348150	SCE-SVC Off Suppl CAPX (21)	WBS I26-020032-01AD20-99	$	129.15	10/31/2014			2014
1026	I26-020032-01AD20-99	30056755695348150	SCE-SVC Off Suppl CAPX (21)	WBS I26-020032-01AD20-99	$	615.76	11/30/2014			2014
1026	I26-020032-01AD20-99	30056755695348150	SCE-SVC Off Suppl CAPX (21)	WBS I26-020032-01AD20-99	$	715.87	11/30/2014			2014
1026	I26-020032-01AD20-99	30059394495348150	SCE-SVC Off Suppl CAPX (21)	WBS I26-020032-01AD20-99	$	1,148.92	12/31/2014			2014
1026	I26-020032-01AD20-99	30036760195348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	23.86	2/28/2014			2014
1026	I26-020032-01AD20-99	30036761095348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.08	2/28/2014			2014
1026	I26-020032-01AD20-99	30036761195348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.10	2/28/2014			2014
1026	I26-020032-01AD20-99	30036761295348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.31	2/28/2014			2014
1026	I26-020032-01AD20-99	30036761395348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.12	2/28/2014			2014
1026	I26-020032-01AD20-99	30039067295348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.13	3/31/2014			2014
1026	I26-020032-01AD20-99	30039067395348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.43	3/31/2014			2014
1026	I26-020032-01AD20-99	30039067495348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.28	3/31/2014			2014
1026	I26-020032-01AD20-99	30039067595348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	6.65	3/31/2014			2014
1026	I26-020032-01AD20-99	30039067695348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	20.66	3/31/2014			2014
1026	I26-020032-01AD20-99	30040677295348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	1.68	4/30/2014			2014
1026	I26-020032-01AD20-99	30040677395348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	19.59	4/30/2014			2014
1026	I26-020032-01AD20-99	30040677495348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	1.69	4/30/2014			2014
1026	I26-020032-01AD20-99	30040677595348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.19	4/30/2014			2014
1026	I26-020032-01AD20-99	30040677695348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	1.02	4/30/2014			2014
1026	I26-020032-01AD20-99	30040677795348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	1.79	4/30/2014			2014
1026	I26-020032-01AD20-99	30043651195348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.33	5/31/2014			2014
1026	I26-020032-01AD20-99	30043651295348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	1.27	5/31/2014			2014
1026	I26-020032-01AD20-99	30043651395348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	1.01	5/31/2014			2014
1026	I26-020032-01AD20-99	30043651495348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	20.08	5/31/2014			2014
1026	I26-020032-01AD20-99	30043651595348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	1.17	5/31/2014			2014
1026	I26-020032-01AD20-99	30043652095348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	1.04	5/31/2014			2014
1026	I26-020032-01AD20-99	30046288295348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	6.59	6/30/2014			2014
1026	I26-020032-01AD20-99	30046288495348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.47	6/30/2014			2014
1026	I26-020032-01AD20-99	30046288595348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.54	6/30/2014			2014
1026	I26-020032-01AD20-99	30046288795348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	1.33	6/30/2014			2014
1026	I26-020032-01AD20-99	30046288895348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	23.95	6/30/2014			2014
1026	I26-020032-01AD20-99	30046288995348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.07	6/30/2014			2014
1026	I26-020032-01AD20-99	30048197495348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.08	7/31/2014			2014
1026	I26-020032-01AD20-99	30048197595348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	1.70	7/31/2014			2014
1026	I26-020032-01AD20-99	30048197695348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	2.29	7/31/2014			2014
1026	I26-020032-01AD20-99	30048197795348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	29.93	7/31/2014			2014
1026	I26-020032-01AD20-99	30048198195348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	1.33	7/31/2014			2014
1026	I26-020032-01AD20-99	30048198295348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	1.70	8/31/2014			2014
1026	I26-020032-01AD20-99	30050132495348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.45	8/31/2014			2014
1026	I26-020032-01AD20-99	30050132595348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	31.69	8/31/2014			2014
1026	I26-020032-01AD20-99	30050132795348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.68	8/31/2014			2014
1026	I26-020032-01AD20-99	30050132895348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	1.52	8/31/2014			2014
1026	I26-020032-01AD20-99	30050132995348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.82	8/31/2014			2014
1026	I26-020032-01AD20-99	30052163395348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.20	9/30/2014			2014
1026	I26-020032-01AD20-99	30052163595348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.02	9/30/2014			2014
1026	I26-020032-01AD20-99	30052163695348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	28.10	9/30/2014			2014
1026	I26-020032-01AD20-99	30052163795348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	(0.02)	9/30/2014			2014
1026	I26-020032-01AD20-99	30052163895348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.08	9/30/2014			2014
1026	I26-020032-01AD20-99	30054444795348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	36.38	10/31/2014			2014
1026	I26-020032-01AD20-99	30054444995348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	33.80	10/31/2014			2014
1026	I26-020032-01AD20-99	30054445195348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.69	10/31/2014			2014
1026	I26-020032-01AD20-99	30054445595348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	1.56	10/31/2014			2014
1026	I26-020032-01AD20-99	30054445995348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	2.00	10/31/2014			2014
1026	I26-020032-01AD20-99	30056826995348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	2.75	11/30/2014			2014
1026	I26-020032-01AD20-99	30056826795348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	1.21	11/30/2014			2014
1026	I26-020032-01AD20-99	30056826695348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.05	11/30/2014			2014
1026	I26-020032-01AD20-99	30056826595348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.59	11/30/2014			2014
1026	I26-020032-01AD20-99	30056827795348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.58	11/30/2014			2014
1026	I26-020032-01AD20-99	30059486195348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	(11.26)	12/31/2014			2014
1026	I26-020032-01AD20-99	30059486295348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	16.52	12/31/2014			2014
1026	I26-020032-01AD20-99	30059486395348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	1.52	12/31/2014			2014
1026	I26-020032-01AD20-99	30059486495348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.58	12/31/2014			2014
1026	I26-020032-01AD20-99	30059486595348151	SCE-SVC Off Suppl CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.47	12/31/2014			2014
1026	I26-020032-01AD20-99	30036760095348171	SCE-SVC Rents CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	337.77	2/28/2014			2014
1026	I26-020032-01AD20-99	30039067795348171	SCE-SVC Rents CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	309.55	3/31/2014			2014
1026	I26-020032-01AD20-99	30040677795348171	SCE-SVC Rents CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	282.24	4/30/2014			2014
1026	I26-020032-01AD20-99	30043651895348171	SCE-SVC Rents CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	324.44	5/31/2014			2014
1026	I26-020032-01AD20-99	30046288595348171	SCE-SVC Rents CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	375.44	6/30/2014			2014
1026	I26-020032-01AD20-99	30048197795348171	SCE-SVC Rents CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	425.80	7/31/2014			2014
1026	I26-020032-01AD20-99	30050132795348171	SCE-SVC Rents CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	494.04	8/31/2014			2014
1026	I26-020032-01AD20-99	30052163795348171	SCE-SVC Rents CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	372.84	9/30/2014			2014
1026	I26-020032-01AD20-99	30054444795348171	SCE-SVC Rents CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	445.82	10/31/2014			2014
1026	I26-020032-01AD20-99	30056826795348171	SCE-SVC Rents CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	129.19	11/30/2014			2014
1026	I26-020032-01AD20-99	30059486795348171	SCE-SVC Rents CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	152.21	12/31/2014			2014

1026	I26-020032-01AD20-99	30040923:95348210	SCE-SVC Oth O&M CAPX (21)	WBS I26-020032-01AD20-99	$	3.84	4/30/2014			2014
1026	I26-020032-01AD20-99	30040134:95348210	SCE-SVC Oth O&M CAPX (21)	WBS I26-020032-01AD20-99	$	21.65	7/31/2014			2014
1026	I26-020032-01AD20-99	30036760:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	(52.75)	2/28/2014			2014
1026	I26-020032-01AD20-99	30036760:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	44.13	2/28/2014			2014
1026	I26-020032-01AD20-99	30036760:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	28.09	2/28/2014			2014
1026	I26-020032-01AD20-99	30036760:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.34	2/28/2014			2014
1026	I26-020032-01AD20-99	30036761:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	27.23	2/28/2014			2014
1026	I26-020032-01AD20-99	30036761:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	57.08	2/28/2014			2014
1026	I26-020032-01AD20-99	30036761:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	32.71	2/28/2014			2014
1026	I26-020032-01AD20-99	30039067:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	34.23	3/31/2014			2014
1026	I26-020032-01AD20-99	30039067:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	85.40	3/31/2014			2014
1026	I26-020032-01AD20-99	30039067:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	1.25	3/31/2014			2014
1026	I26-020032-01AD20-99	30039067:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	29.09	3/31/2014			2014
1026	I26-020032-01AD20-99	30039067:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	39.58	3/31/2014			2014
1026	I26-020032-01AD20-99	30039067:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	(8.16)	3/31/2014			2014
1026	I26-020032-01AD20-99	30039067:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	64.79	3/31/2014			2014
1026	I26-020032-01AD20-99	30040677:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	30.72	4/30/2014			2014
1026	I26-020032-01AD20-99	30040677:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	5.56	4/30/2014			2014
1026	I26-020032-01AD20-99	30040677:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	97.71	4/30/2014			2014
1026	I26-020032-01AD20-99	30040677:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	14.25	4/30/2014			2014
1026	I26-020032-01AD20-99	30040677:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	47.09	4/30/2014			2014
1026	I26-020032-01AD20-99	30040677:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	28.39	4/30/2014			2014
1026	I26-020032-01AD20-99	30040677:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	(0.06)	4/30/2014			2014
1026	I26-020032-01AD20-99	30043651:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	46.30	5/31/2014			2014
1026	I26-020032-01AD20-99	30043651:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	13.10	5/31/2014			2014
1026	I26-020032-01AD20-99	30043651:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	31.13	5/31/2014			2014
1026	I26-020032-01AD20-99	30043651:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	44.37	5/31/2014			2014
1026	I26-020032-01AD20-99	30043651:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	1.29	5/31/2014			2014
1026	I26-020032-01AD20-99	30043652:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	36.84	5/31/2014			2014
1026	I26-020032-01AD20-99	30043652:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	44.25	5/31/2014			2014
1026	I26-020032-01AD20-99	30046288:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	19.93	6/30/2014			2014
1026	I26-020032-01AD20-99	30046288:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	36.26	6/30/2014			2014
1026	I26-020032-01AD20-99	30046288:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	37.85	6/30/2014			2014
1026	I26-020032-01AD20-99	30046288:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	53.71	6/30/2014			2014
1026	I26-020032-01AD20-99	30046288:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	36.06	6/30/2014			2014
1026	I26-020032-01AD20-99	30046288:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	1.18	6/30/2014			2014
1026	I26-020032-01AD20-99	30046288:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	68.23	6/30/2014			2014
1026	I26-020032-01AD20-99	30048197:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	69.08	7/31/2014			2014
1026	I26-020032-01AD20-99	30048197:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	63.09	7/31/2014			2014
1026	I26-020032-01AD20-99	30048197:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	10.22	7/31/2014			2014
1026	I26-020032-01AD20-99	30048197:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	64.36	7/31/2014			2014
1026	I26-020032-01AD20-99	30048197:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.96	7/31/2014			2014
1026	I26-020032-01AD20-99	30048197:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	48.70	7/31/2014			2014
1026	I26-020032-01AD20-99	30048198:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	43.38	7/31/2014			2014
1026	I26-020032-01AD20-99	30050132:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	46.95	8/31/2014			2014
1026	I26-020032-01AD20-99	30050132:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	11.56	8/31/2014			2014
1026	I26-020032-01AD20-99	30050132:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	55.52	8/31/2014			2014
1026	I26-020032-01AD20-99	30050132:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	71.25	8/31/2014			2014
1026	I26-020032-01AD20-99	30050132:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	7.62	8/31/2014			2014
1026	I26-020032-01AD20-99	30050132:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	60.70	8/31/2014			2014
1026	I26-020032-01AD20-99	30050132:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	98.33	8/31/2014			2014
1026	I26-020032-01AD20-99	30052163:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	36.39	9/30/2014			2014
1026	I26-020032-01AD20-99	30052163:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	42.90	9/30/2014			2014
1026	I26-020032-01AD20-99	30052163:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	3.02	9/30/2014			2014
1026	I26-020032-01AD20-99	30052163:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	3.21	9/30/2014			2014
1026	I26-020032-01AD20-99	30052163:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	60.50	9/30/2014			2014
1026	I26-020032-01AD20-99	30052163:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	24.87	9/30/2014			2014
1026	I26-020032-01AD20-99	30052163:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	30.53	9/30/2014			2014
1026	I26-020032-01AD20-99	30054444:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	53.09	10/31/2014			2014
1026	I26-020032-01AD20-99	30054444:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	20.94	10/31/2014			2014
1026	I26-020032-01AD20-99	30054444:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	(190.74)	10/31/2014			2014
1026	I26-020032-01AD20-99	30054445:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	1.21	10/31/2014			2014
1026	I26-020032-01AD20-99	30054445:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	49.36	10/31/2014			2014
1026	I26-020032-01AD20-99	30054445:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	56.31	10/31/2014			2014
1026	I26-020032-01AD20-99	30054445:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	47.38	10/31/2014			2014
1026	I26-020032-01AD20-99	30056826:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	15.77	11/30/2014			2014
1026	I26-020032-01AD20-99	30056826:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	29.88	11/30/2014			2014
1026	I26-020032-01AD20-99	30056826:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	16.11	11/30/2014			2014
1026	I26-020032-01AD20-99	30056826:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.85	11/30/2014			2014
1026	I26-020032-01AD20-99	30056826:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	13.67	11/30/2014			2014
1026	I26-020032-01AD20-99	30056826:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	1.82	11/30/2014			2014
1026	I26-020032-01AD20-99	30056827:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	(4.14)	11/30/2014			2014
1026	I26-020032-01AD20-99	30059486:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	13.60	12/31/2014			2014
1026	I26-020032-01AD20-99	30059486:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	6.74	12/31/2014			2014
1026	I26-020032-01AD20-99	30059486:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	32.49	12/31/2014			2014
1026	I26-020032-01AD20-99	30059486:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	1.85	12/31/2014			2014
1026	I26-020032-01AD20-99	30059486:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	12.25	12/31/2014			2014
1026	I26-020032-01AD20-99	30059486:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	4.23	12/31/2014			2014
1026	I26-020032-01AD20-99	30059486:95348211	SCE-SVC Oth O&M CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	(2.57)	12/31/2014			2014
1026	I26-020032-01AD20-99	30036760:95348221	SCE-SVC Dpr/Amrt CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	74.38	2/28/2014			2014
1026	I26-020032-01AD20-99	30036761:95348221	SCE-SVC Dpr/Amrt CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	(31.73)	2/28/2014			2014

1026	I26-020032-01AD20-99	300367615	95348221	SCE-SVC Dpr/Amrt CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	116.98	2/28/2014	2014
1026	I26-020032-01AD20-99	300367614	95348221	SCE-SVC Dpr/Amrt CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	62.24	2/28/2014	2014
1026	I26-020032-01AD20-99	300390676	95348221	SCE-SVC Dpr/Amrt CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	92.96	3/31/2014	2014
1026	I26-020032-01AD20-99	300390677	95348221	SCE-SVC Dpr/Amrt CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	129.95	3/31/2014	2014
1026	I26-020032-01AD20-99	300390678	95348221	SCE-SVC Dpr/Amrt CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	73.93	3/31/2014	2014
1026	I26-020032-01AD20-99	300406774	95348221	SCE-SVC Dpr/Amrt CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	78.79	4/30/2014	2014
1026	I26-020032-01AD20-99	300406775	95348221	SCE-SVC Dpr/Amrt CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	62.66	4/30/2014	2014
1026	I26-020032-01AD20-99	300406778	95348221	SCE-SVC Dpr/Amrt CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	105.09	4/30/2014	2014
1026	I26-020032-01AD20-99	300436514	95348221	SCE-SVC Dpr/Amrt CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	90.75	5/31/2014	2014
1026	I26-020032-01AD20-99	300436517	95348221	SCE-SVC Dpr/Amrt CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	121.06	5/31/2014	2014
1026	I26-020032-01AD20-99	300436518	95348221	SCE-SVC Dpr/Amrt CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	72.17	5/31/2014	2014
1026	I26-020032-01AD20-99	300462882	95348221	SCE-SVC Dpr/Amrt CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	104.68	6/30/2014	2014
1026	I26-020032-01AD20-99	300462888	95348221	SCE-SVC Dpr/Amrt CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	83.59	6/30/2014	2014
1026	I26-020032-01AD20-99	300462890	95348221	SCE-SVC Dpr/Amrt CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	151.38	6/30/2014	2014
1026	I26-020032-01AD20-99	300481976	95348221	SCE-SVC Dpr/Amrt CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	98.41	7/31/2014	2014
1026	I26-020032-01AD20-99	300481978	95348221	SCE-SVC Dpr/Amrt CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	94.14	7/31/2014	2014
1026	I26-020032-01AD20-99	300481981	95348221	SCE-SVC Dpr/Amrt CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	171.08	7/31/2014	2014
1026	I26-020032-01AD20-99	300501322	95348221	SCE-SVC Dpr/Amrt CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	207.77	8/31/2014	2014
1026	I26-020032-01AD20-99	300501323	95348221	SCE-SVC Dpr/Amrt CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	119.52	8/31/2014	2014
1026	I26-020032-01AD20-99	300501325	95348221	SCE-SVC Dpr/Amrt CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	114.33	8/31/2014	2014
1026	I26-020032-01AD20-99	300521632	95348221	SCE-SVC Dpr/Amrt CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	79.00	9/30/2014	2014
1026	I26-020032-01AD20-99	300521637	95348221	SCE-SVC Dpr/Amrt CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	76.10	9/30/2014	2014
1026	I26-020032-01AD20-99	300521639	95348221	SCE-SVC Dpr/Amrt CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	136.91	9/30/2014	2014
1026	I26-020032-01AD20-99	300544449	95348221	SCE-SVC Dpr/Amrt CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	106.96	10/31/2014	2014
1026	I26-020032-01AD20-99	300544452	95348221	SCE-SVC Dpr/Amrt CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	192.42	10/31/2014	2014
1026	I26-020032-01AD20-99	300544455	95348221	SCE-SVC Dpr/Amrt CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	109.17	10/31/2014	2014
1026	I26-020032-01AD20-99	300568269	95348221	SCE-SVC Dpr/Amrt CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	30.26	11/30/2014	2014
1026	I26-020032-01AD20-99	300568268	95348221	SCE-SVC Dpr/Amrt CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	54.43	11/30/2014	2014
1026	I26-020032-01AD20-99	300568271	95348221	SCE-SVC Dpr/Amrt CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	30.88	11/30/2014	2014
1026	I26-020032-01AD20-99	300594862	95348221	SCE-SVC Dpr/Amrt CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	3.65	12/31/2014	2014
1026	I26-020032-01AD20-99	300594862	95348221	SCE-SVC Dpr/Amrt CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	27.99	12/31/2014	2014
1026	I26-020032-01AD20-99	300594865	95348221	SCE-SVC Dpr/Amrt CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	52.16	12/31/2014	2014
1026	I26-020032-01AD20-99	300594866	95348221	SCE-SVC Dpr/Amrt CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	28.57	12/31/2014	2014
1026	I26-020032-01AD20-99	300366764	95348230	SCE-SVC Gen Tax CAPX (21)	WBS I26-020032-01AD20-99	$	162.96	2/28/2014	2014
1026	I26-020032-01AD20-99	300366765	95348230	SCE-SVC Gen Tax CAPX (21)	WBS I26-020032-01AD20-99	$	282.01	2/28/2014	2014
1026	I26-020032-01AD20-99	300390054	95348230	SCE-SVC Gen Tax CAPX (21)	WBS I26-020032-01AD20-99	$	139.50	3/31/2014	2014
1026	I26-020032-01AD20-99	300390055	95348230	SCE-SVC Gen Tax CAPX (21)	WBS I26-020032-01AD20-99	$	272.95	3/31/2014	2014
1026	I26-020032-01AD20-99	300409231	95348230	SCE-SVC Gen Tax CAPX (21)	WBS I26-020032-01AD20-99	$	132.97	4/30/2014	2014
1026	I26-020032-01AD20-99	300409232	95348230	SCE-SVC Gen Tax CAPX (21)	WBS I26-020032-01AD20-99	$	235.19	4/30/2014	2014
1026	I26-020032-01AD20-99	300435778	95348230	SCE-SVC Gen Tax CAPX (21)	WBS I26-020032-01AD20-99	$	242.62	5/31/2014	2014
1026	I26-020032-01AD20-99	300435779	95348230	SCE-SVC Gen Tax CAPX (21)	WBS I26-020032-01AD20-99	$	178.53	5/31/2014	2014
1026	I26-020032-01AD20-99	300462270	95348230	SCE-SVC Gen Tax CAPX (21)	WBS I26-020032-01AD20-99	$	192.19	6/30/2014	2014
1026	I26-020032-01AD20-99	300462271	95348230	SCE-SVC Gen Tax CAPX (21)	WBS I26-020032-01AD20-99	$	289.50	6/30/2014	2014
1026	I26-020032-01AD20-99	300481338	95348230	SCE-SVC Gen Tax CAPX (21)	WBS I26-020032-01AD20-99	$	382.68	7/31/2014	2014
1026	I26-020032-01AD20-99	300481339	95348230	SCE-SVC Gen Tax CAPX (21)	WBS I26-020032-01AD20-99	$	12.52	7/31/2014	2014
1026	I26-020032-01AD20-99	300481340	95348230	SCE-SVC Gen Tax CAPX (21)	WBS I26-020032-01AD20-99	$	187.19	7/31/2014	2014
1026	I26-020032-01AD20-99	300500639	95348230	SCE-SVC Gen Tax CAPX (21)	WBS I26-020032-01AD20-99	$	415.02	8/31/2014	2014
1026	I26-020032-01AD20-99	300500640	95348230	SCE-SVC Gen Tax CAPX (21)	WBS I26-020032-01AD20-99	$	(4.77)	8/31/2014	2014
1026	I26-020032-01AD20-99	300500641	95348230	SCE-SVC Gen Tax CAPX (21)	WBS I26-020032-01AD20-99	$	254.70	8/31/2014	2014
1026	I26-020032-01AD20-99	300520955	95348230	SCE-SVC Gen Tax CAPX (21)	WBS I26-020032-01AD20-99	$	228.57	9/30/2014	2014
1026	I26-020032-01AD20-99	300520956	95348230	SCE-SVC Gen Tax CAPX (21)	WBS I26-020032-01AD20-99	$	256.20	9/30/2014	2014
1026	I26-020032-01AD20-99	300543736	95348230	SCE-SVC Gen Tax CAPX (21)	WBS I26-020032-01AD20-99	$	439.49	10/31/2014	2014
1026	I26-020032-01AD20-99	300543737	95348230	SCE-SVC Gen Tax CAPX (21)	WBS I26-020032-01AD20-99	$	141.99	10/31/2014	2014
1026	I26-020032-01AD20-99	300543738	95348230	SCE-SVC Gen Tax CAPX (21)	WBS I26-020032-01AD20-99	$	(105.24)	10/31/2014	2014
1026	I26-020032-01AD20-99	300567556	95348230	SCE-SVC Gen Tax CAPX (21)	WBS I26-020032-01AD20-99	$	(4.73)	11/30/2014	2014
1026	I26-020032-01AD20-99	300567557	95348230	SCE-SVC Gen Tax CAPX (21)	WBS I26-020032-01AD20-99	$	(30.38)	11/30/2014	2014
1026	I26-020032-01AD20-99	300567558	95348230	SCE-SVC Gen Tax CAPX (21)	WBS I26-020032-01AD20-99	$	36.73	11/30/2014	2014
1026	I26-020032-01AD20-99	300593949	95348230	SCE-SVC Gen Tax CAPX (21)	WBS I26-020032-01AD20-99	$	46.78	12/31/2014	2014
1026	I26-020032-01AD20-99	300593950	95348230	SCE-SVC Gen Tax CAPX (21)	WBS I26-020032-01AD20-99	$	14.35	12/31/2014	2014
1026	I26-020032-01AD20-99	300367608	95348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.11	2/28/2014	2014
1026	I26-020032-01AD20-99	300367610	95348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.03	2/28/2014	2014
1026	I26-020032-01AD20-99	300367611	95348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	4.51	2/28/2014	2014
1026	I26-020032-01AD20-99	300367613	95348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	1.89	2/28/2014	2014
1026	I26-020032-01AD20-99	300367614	95348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	39.54	2/28/2014	2014
1026	I26-020032-01AD20-99	300367615	95348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	123.53	2/28/2014	2014
1026	I26-020032-01AD20-99	300390673	95348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	20.03	3/31/2014	2014
1026	I26-020032-01AD20-99	300390675	95348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	152.97	3/31/2014	2014
1026	I26-020032-01AD20-99	300390676	95348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	80.21	3/31/2014	2014
1026	I26-020032-01AD20-99	300390677	95348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	21.46	3/31/2014	2014
1026	I26-020032-01AD20-99	300390677	95348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	161.94	3/31/2014	2014
1026	I26-020032-01AD20-99	300390678	95348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.11	3/31/2014	2014
1026	I26-020032-01AD20-99	300406774	95348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.23	4/30/2014	2014
1026	I26-020032-01AD20-99	300406775	95348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.09	4/30/2014	2014
1026	I26-020032-01AD20-99	300406776	95348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	1.19	4/30/2014	2014
1026	I26-020032-01AD20-99	300406778	95348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	18.02	4/30/2014	2014
1026	I26-020032-01AD20-99	300406778	95348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	16.84	4/30/2014	2014
1026	I26-020032-01AD20-99	300406779	95348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	2.35	4/30/2014	2014
1026	I26-020032-01AD20-99	300436515	95348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	5.08	5/31/2014	2014
1026	I26-020032-01AD20-99	300436516	95348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	1.65	5/31/2014	2014
1026	I26-020032-01AD20-99	300436517	95348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	17.92	5/31/2014	2014
1026	I26-020032-01AD20-99	300436518	95348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.11	5/31/2014	2014

1026	I26-020032-01AD20-99	30043651195348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.77	5/31/2014			2014
1026	I26-020032-01AD20-99	30043652195348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	31.88	5/31/2014			2014
1026	I26-020032-01AD20-99	30046288195348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	3.29	6/30/2014			2014
1026	I26-020032-01AD20-99	30046288195348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	2.84	6/30/2014			2014
1026	I26-020032-01AD20-99	30046288195348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	25.53	6/30/2014			2014
1026	I26-020032-01AD20-99	30046288195348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	(0.66)	6/30/2014			2014
1026	I26-020032-01AD20-99	30046288195348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.13	6/30/2014			2014
1026	I26-020032-01AD20-99	30046289195348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	15.41	6/30/2014			2014
1026	I26-020032-01AD20-99	30048197195348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	2.59	7/31/2014			2014
1026	I26-020032-01AD20-99	30048197195348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	3.11	7/31/2014			2014
1026	I26-020032-01AD20-99	30048197195348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.14	7/31/2014			2014
1026	I26-020032-01AD20-99	30048198195348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	32.91	7/31/2014			2014
1026	I26-020032-01AD20-99	30048198195348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	22.31	7/31/2014			2014
1026	I26-020032-01AD20-99	30050132195348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	25.69	8/31/2014			2014
1026	I26-020032-01AD20-99	30050132195348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	3.86	8/31/2014			2014
1026	I26-020032-01AD20-99	30050132195348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	2.63	8/31/2014			2014
1026	I26-020032-01AD20-99	30050132195348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.17	8/31/2014			2014
1026	I26-020032-01AD20-99	30050132195348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.31	8/31/2014			2014
1026	I26-020032-01AD20-99	30050132195348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	34.02	8/31/2014			2014
1026	I26-020032-01AD20-99	30052163195348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	(1.55)	9/30/2014			2014
1026	I26-020032-01AD20-99	30052163195348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	16.10	9/30/2014			2014
1026	I26-020032-01AD20-99	30052163195348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	1.04	9/30/2014			2014
1026	I26-020032-01AD20-99	30052163195348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.11	9/30/2014			2014
1026	I26-020032-01AD20-99	30052163195348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	1.93	9/30/2014			2014
1026	I26-020032-01AD20-99	30052163195348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	16.00	9/30/2014			2014
1026	I26-020032-01AD20-99	30054444195348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	37.30	10/31/2014			2014
1026	I26-020032-01AD20-99	30054444195348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.16	10/31/2014			2014
1026	I26-020032-01AD20-99	30054445195348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	1.46	10/31/2014			2014
1026	I26-020032-01AD20-99	30054445195348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	24.76	10/31/2014			2014
1026	I26-020032-01AD20-99	30054445195348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.75	10/31/2014			2014
1026	I26-020032-01AD20-99	30054445195348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	3.57	10/31/2014			2014
1026	I26-020032-01AD20-99	30056826195348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	8.49	11/30/2014			2014
1026	I26-020032-01AD20-99	30056826195348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.05	11/30/2014			2014
1026	I26-020032-01AD20-99	30056826195348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	(0.19)	11/30/2014			2014
1026	I26-020032-01AD20-99	30056826195348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	6.56	11/30/2014			2014
1026	I26-020032-01AD20-99	30056826195348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.62	11/30/2014			2014
1026	I26-020032-01AD20-99	30056827195348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	(2.80)	11/30/2014			2014
1026	I26-020032-01AD20-99	30059486195348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	(7.55)	12/31/2014			2014
1026	I26-020032-01AD20-99	30059486195348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.04	12/31/2014			2014
1026	I26-020032-01AD20-99	30059486195348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	0.02	12/31/2014			2014
1026	I26-020032-01AD20-99	30059486195348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	(0.02)	12/31/2014			2014
1026	I26-020032-01AD20-99	30059486195348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	(0.16)	12/31/2014			2014
1026	I26-020032-01AD20-99	30059486195348231	SCE-SVC Gen Tax CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	1.08	12/31/2014			2014
1026	I26-020032-01AD20-99	30036760195348241	SCE-SVC Interest CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	56.53	2/28/2014			2014
1026	I26-020032-01AD20-99	30036761195348241	SCE-SVC Interest CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	(2.94)	2/28/2014			2014
1026	I26-020032-01AD20-99	30036761195348241	SCE-SVC Interest CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	6.42	2/28/2014			2014
1026	I26-020032-01AD20-99	30036761195348241	SCE-SVC Interest CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	5.99	2/28/2014			2014
1026	I26-020032-01AD20-99	30039067195348241	SCE-SVC Interest CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	6.12	3/31/2014			2014
1026	I26-020032-01AD20-99	30039067195348241	SCE-SVC Interest CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	3.59	3/31/2014			2014
1026	I26-020032-01AD20-99	30039067195348241	SCE-SVC Interest CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	56.13	3/31/2014			2014
1026	I26-020032-01AD20-99	30040677195348241	SCE-SVC Interest CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	4.48	4/30/2014			2014
1026	I26-020032-01AD20-99	30040677195348241	SCE-SVC Interest CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	47.20	4/30/2014			2014
1026	I26-020032-01AD20-99	30040677195348241	SCE-SVC Interest CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	7.05	4/30/2014			2014
1026	I26-020032-01AD20-99	30043651195348241	SCE-SVC Interest CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	5.03	5/31/2014			2014
1026	I26-020032-01AD20-99	30043651195348241	SCE-SVC Interest CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	53.94	5/31/2014			2014
1026	I26-020032-01AD20-99	30043651195348241	SCE-SVC Interest CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	7.96	5/31/2014			2014
1026	I26-020032-01AD20-99	30046288-95348241	SCE-SVC Interest CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	5.66	6/30/2014			2014
1026	I26-020032-01AD20-99	30046288195348241	SCE-SVC Interest CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	61.97	6/30/2014			2014
1026	I26-020032-01AD20-99	30046288195348241	SCE-SVC Interest CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	9.03	6/30/2014			2014
1026	I26-020032-01AD20-99	30048197195348241	SCE-SVC Interest CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	6.21	7/31/2014			2014
1026	I26-020032-01AD20-99	30048197195348241	SCE-SVC Interest CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	69.47	7/31/2014			2014
1026	I26-020032-01AD20-99	30048198195348241	SCE-SVC Interest CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	13.14	7/31/2014			2014
1026	I26-020032-01AD20-99	30050132195348241	SCE-SVC Interest CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	15.64	8/31/2014			2014
1026	I26-020032-01AD20-99	30050132195348241	SCE-SVC Interest CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	7.32	8/31/2014			2014
1026	I26-020032-01AD20-99	30050132195348241	SCE-SVC Interest CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	83.68	8/31/2014			2014
1026	I26-020032-01AD20-99	30052163195348241	SCE-SVC Interest CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	4.69	9/30/2014			2014
1026	I26-020032-01AD20-99	30052163195348241	SCE-SVC Interest CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	54.85	9/30/2014			2014
1026	I26-020032-01AD20-99	30052163195348241	SCE-SVC Interest CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	10.13	9/30/2014			2014
1026	I26-020032-01AD20-99	30054444195348241	SCE-SVC Interest CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	76.60	10/31/2014			2014
1026	I26-020032-01AD20-99	30054445195348241	SCE-SVC Interest CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	14.05	10/31/2014			2014
1026	I26-020032-01AD20-99	30054445195348241	SCE-SVC Interest CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	6.38	10/31/2014			2014
1026	I26-020032-01AD20-99	30056826195348241	SCE-SVC Interest CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	21.48	11/30/2014			2014
1026	I26-020032-01AD20-99	30056826195348241	SCE-SVC Interest CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	3.89	11/30/2014			2014
1026	I26-020032-01AD20-99	30056827195348241	SCE-SVC Interest CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	1.74	11/30/2014			2014
1026	I26-020032-01AD20-99	30059486195348241	SCE-SVC Interest CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	19.70	12/31/2014			2014
1026	I26-020032-01AD20-99	30059486195348241	SCE-SVC Interest CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	3.52	12/31/2014			2014
1026	I26-020032-01AD20-99	30059486195348241	SCE-SVC Interest CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	1.56	12/31/2014			2014
1026	I26-020032-01AD20-99	30036761195348251	SCE-SVC Oth Inc CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	(47.67)	2/28/2014			2014
1026	I26-020032-01AD20-99	30039067195348251	SCE-SVC Oth Inc CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	88.06	3/31/2014			2014
1026	I26-020032-01AD20-99	30040677195348251	SCE-SVC Oth Inc CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	(8.63)	4/30/2014			2014
1026	I26-020032-01AD20-99	30043651195348251	SCE-SVC Oth Inc CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	(16.04)	5/31/2014			2014

1026	I26-020032-01AD20-99		300462888	95348251	SCE-SVC Oth Inc CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	46.32	6/30/2014		2014	
1026	I26-020032-01AD20-99		300481978	95348251	SCE-SVC Oth Inc CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	5.24	7/31/2014		2014	
1026	I26-020032-01AD20-99		300481980	95348251	SCE-SVC Oth Inc CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	74.30	7/31/2014		2014	
1026	I26-020032-01AD20-99		300501322	95348251	SCE-SVC Oth Inc CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	(82.62)	8/31/2014		2014	
1026	I26-020032-01AD20-99		300521638	95348251	SCE-SVC Oth Inc CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	75.16	9/30/2014		2014	
1026	I26-020032-01AD20-99		300544452	95348251	SCE-SVC Oth Inc CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	(100.46)	10/31/2014		2014	
1026	I26-020032-01AD20-99		300568269	95348251	SCE-SVC Oth Inc CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	21.61	11/30/2014		2014	
1026	I26-020032-01AD20-99		300594866	95348251	SCE-SVC Oth Inc CAPX (42)	SC_339955 SCOH-Oper Svc Ctr OH	$	9.96	12/31/2014		2014	
1026	I26-020032-01AD30	WE	100191080	52000000	M & S (O&M) - Natural Account	VOW - September	$	172,078.00	9/3/2014	A/P-GRIR CapSvc	2014	Construction of Dewatering Facility
1026	I26-020032-01AD30	WE	100194001	52000000	M & S (O&M) - Natural Account	Work Performed Invoice No. 14469	$	5,446.62	9/16/2014	A/P-GRIR CapSvc	2014	Citico Plant Speed Hump Material
1026	I26-020032-01AD30	WE	100195798	52000000	M & S (O&M) - Natural Account	VOW - September 2014	$	324,547.00	9/24/2014	A/P-GRIR CapSvc	2014	Construction of Dewatering Facility
1026	I26-020032-01AD30	WE	100196618	52000000	M & S (O&M) - Natural Account	Work Performed Invoice No. 14478	$	1,932.06	9/26/2014	A/P-GRIR CapSvc	2014	Material Residuals Project
1026	I26-020032-01AD30	WE	100206255	52000000	M & S (O&M) - Natural Account	VOW - October 2014	$	710,062.30	10/28/2014	A/P-GRIR CapSvc	2014	Construction of Dewatering Facility
1026	I26-020032-01AD30	WE	100224594	52000000	M & S (O&M) - Natural Account	VOW - December 2014	$	271,411.00	12/19/2014	A/P-GRIR CapSvc	2014	Construction of Dewatering Facility
1026	I26-020032-01AD30	ZI	100229466	52534000	Employee Expenses	UPS 1ZRA79100299723739	$	12.82	12/18/2014	A/P-Pcard	2014	
1026	I26-020032-01AD30	SV	100181607	52801200	Capital Accrual Clearing	ESLINGER CONTRACTING CO	$	3,634.37	7/31/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SV	100181607	52801200	Capital Accrual Clearing	Tyco Integrated Security LLC	$	736.00	7/31/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SV	100181607	52801200	Capital Accrual Clearing	Tyco Integrated Security LLC	$	992.00	7/31/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SV	100181607	52801200	Capital Accrual Clearing	PHALTLESS INC	$	9,650.00	7/31/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SG	100182125	52801200	Capital Accrual Clearing	ESLINGER CONTRACTING CO	$	(3,634.37)	8/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SG	100182125	52801200	Capital Accrual Clearing	Tyco Integrated Security LLC	$	(736.00)	8/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SG	100182125	52801200	Capital Accrual Clearing	Tyco Integrated Security LLC	$	(992.00)	8/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SG	100182125	52801200	Capital Accrual Clearing	PHALTLESS INC	$	(9,650.00)	8/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SV	100191620	52801200	Capital Accrual Clearing	ESLINGER CONTRACTING CO	$	3,634.37	8/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SV	100191620	52801200	Capital Accrual Clearing	Tyco Integrated Security LLC	$	1,472.00	8/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SV	100191620	52801200	Capital Accrual Clearing	Tyco Integrated Security LLC	$	1,984.00	8/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SV	100191620	52801200	Capital Accrual Clearing	ESLINGER CONTRACTING CO	$	877.50	8/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SV	100191623	52801200	Capital Accrual Clearing	Bowen Engineering Corp	$	1,858,447.50	8/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SV	100191623	52801200	Capital Accrual Clearing	Bowen Engineering Corp	$	1,858,447.50	8/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SG	100191713	52801200	Capital Accrual Clearing	Bowen Engineering Corp	$	(1,858,447.50)	9/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SG	100191713	52801200	Capital Accrual Clearing	Bowen Engineering Corp	$	(1,858,447.50)	9/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SG	100191714	52801200	Capital Accrual Clearing	ESLINGER CONTRACTING CO	$	(3,634.37)	9/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SG	100191714	52801200	Capital Accrual Clearing	Tyco Integrated Security LLC	$	(1,472.00)	9/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SG	100191714	52801200	Capital Accrual Clearing	Tyco Integrated Security LLC	$	(1,984.00)	9/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SG	100191714	52801200	Capital Accrual Clearing	ESLINGER CONTRACTING CO	$	(877.50)	9/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SV	100201164	52801200	Capital Accrual Clearing	Frost Environmental Service LLC	$	400.00	9/30/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SV	100201164	52801200	Capital Accrual Clearing	Tyco Integrated Security LLC	$	1,472.00	9/30/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SV	100201164	52801200	Capital Accrual Clearing	Tyco Integrated Security LLC	$	1,984.00	9/30/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SV	100201164	52801200	Capital Accrual Clearing	G4S SECURE SOLUTIONS USA INC	$	33,517.08	9/30/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SG	100201295	52801200	Capital Accrual Clearing	Frost Environmental Service LLC	$	(400.00)	10/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SG	100201295	52801200	Capital Accrual Clearing	Tyco Integrated Security LLC	$	(1,472.00)	10/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SG	100201295	52801200	Capital Accrual Clearing	Tyco Integrated Security LLC	$	(1,984.00)	10/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SG	100201295	52801200	Capital Accrual Clearing	G4S SECURE SOLUTIONS USA INC	$	(33,517.08)	10/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SV	100211460	52801200	Capital Accrual Clearing	Consolidated Technologies Inc	$	2,906.25	10/31/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SV	100211522	52801200	Capital Accrual Clearing	Consolidated Technologies Inc	$	12,000.00	10/31/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SV	100211522	52801200	Capital Accrual Clearing	Tyco Integrated Security LLC	$	1,472.00	10/31/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SV	100211522	52801200	Capital Accrual Clearing	Tyco Integrated Security LLC	$	1,984.00	10/31/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SV	100211522	52801200	Capital Accrual Clearing	G4S SECURE SOLUTIONS USA INC	$	27,469.03	10/31/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SV	100211522	52801200	Capital Accrual Clearing	ROTO ROOTER SEWER SERVICE	$	1,440.00	10/31/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SV	100211522	52801200	Capital Accrual Clearing	Bowen Engineering Corp	$	7,500.00	10/31/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SV	100211522	52801200	Capital Accrual Clearing	Bowen Engineering Corp	$	2,000.00	10/31/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SG	100211663	52801200	Capital Accrual Clearing	G4S SECURE SOLUTIONS USA INC	$	(27,469.03)	11/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SG	100211663	52801200	Capital Accrual Clearing	ROTO ROOTER SEWER SERVICE	$	(1,440.00)	11/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SG	100211663	52801200	Capital Accrual Clearing	Bowen Engineering Corp	$	(7,500.00)	11/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SG	100211663	52801200	Capital Accrual Clearing	Bowen Engineering Corp	$	(2,000.00)	11/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SG	100211663	52801200	Capital Accrual Clearing	Consolidated Technologies Inc	$	(12,000.00)	11/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SG	100211663	52801200	Capital Accrual Clearing	Tyco Integrated Security LLC	$	(1,472.00)	11/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SG	100211663	52801200	Capital Accrual Clearing	Tyco Integrated Security LLC	$	(1,984.00)	11/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SG	100211670	52801200	Capital Accrual Clearing	Consolidated Technologies Inc	$	(2,906.25)	11/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SV	100220506	52801200	Capital Accrual Clearing	Consolidated Technologies Inc	$	9,093.75	11/30/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SV	100220506	52801200	Capital Accrual Clearing	Tyco Integrated Security LLC	$	1,472.00	11/30/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SV	100220506	52801200	Capital Accrual Clearing	Tyco Integrated Security LLC	$	1,984.00	11/30/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SV	100220506	52801200	Capital Accrual Clearing	Bowen Engineering Corp	$	15,000.00	11/30/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SV	100220506	52801200	Capital Accrual Clearing	Bowen Engineering Corp	$	4,000.00	11/30/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SV	100220506	52801200	Capital Accrual Clearing	Bowen Engineering Corp	$	55,000.00	11/30/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SV	100220506	52801200	Capital Accrual Clearing	BROWN FENCE COMPANY INC	$	1,400.00	11/30/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SV	100220506	52801200	Capital Accrual Clearing	ROTO ROOTER SEWER SERVICE	$	1,600.00	11/30/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SV	100220465	52801200	Capital Accrual Clearing	CDM SMITH INC	$	25,463.78	11/30/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SG	100220698	52801200	Capital Accrual Clearing	Bowen Engineering Corp	$	(15,000.00)	12/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SG	100220698	52801200	Capital Accrual Clearing	Bowen Engineering Corp	$	(4,000.00)	12/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SG	100220698	52801200	Capital Accrual Clearing	Bowen Engineering Corp	$	(55,000.00)	12/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SG	100220698	52801200	Capital Accrual Clearing	Consolidated Technologies Inc	$	(9,093.75)	12/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SG	100220698	52801200	Capital Accrual Clearing	Tyco Integrated Security LLC	$	(1,472.00)	12/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SG	100220698	52801200	Capital Accrual Clearing	Tyco Integrated Security LLC	$	(1,984.00)	12/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SG	100220698	52801200	Capital Accrual Clearing	BROWN FENCE COMPANY INC	$	(1,400.00)	12/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SG	100220698	52801200	Capital Accrual Clearing	ROTO ROOTER SEWER SERVICE	$	(1,600.00)	12/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SG	100220713	52801200	Capital Accrual Clearing	CDM SMITH INC	$	(25,463.78)	12/1/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SV	100229043	52801200	Capital Accrual Clearing	CDM SMITH INC	$	63,463.48	12/31/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SV	100229043	52801200	Capital Accrual Clearing	Consolidated Technologies Inc	$	10,711.75	12/31/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SV	100229043	52801200	Capital Accrual Clearing	Tyco Integrated Security LLC	$	1,472.00	12/31/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SV	100229043	52801200	Capital Accrual Clearing	Tyco Integrated Security LLC	$	1,984.00	12/31/2014	A/P-Proj Cost Accrl	2014	

1026	I26-020032-01AD30	SV	100229043	52801200	Capital Accrual Clearing	G4S SECURE SOLUTIONS USA INC	$	21,592.81	12/31/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SV	100229043	52801200	Capital Accrual Clearing	Bowen Engineering Corp	$	15,000.00	12/31/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SV	100229043	52801200	Capital Accrual Clearing	Bowen Engineering Corp	$	5,000.00	12/31/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	SV	100229043	52801200	Capital Accrual Clearing	Bowen Engineering Corp	$	55,000.00	12/31/2014	A/P-Proj Cost Accrl	2014	
1026	I26-020032-01AD30	WE	100175468	53110000	Contract Svc-Eng - Natural Account	VOW - dated July 21, 2014	$	615.00	7/21/2014	A/P-GRIR CapSvc	2014	Citico Station RPR Services
1026	I26-020032-01AD30	WE	100185415	53110000	Contract Svc-Eng - Natural Account	VOW August 2014	$	10,137.25	8/22/2014	A/P-GRIR CapSvc	2014	Citico Station RPR Services
1026	I26-020032-01AD30	SV	100191683	53110000	Contract Svc-Eng - Natural Account	CDM Smith	$	17,850.00	8/31/2014	A/P-Miscellaneous	2014	
1026	I26-020032-01AD30	SV	100191683	53110000	Contract Svc-Eng - Natural Account	CTI	$	13,280.00	8/31/2014	A/P-Miscellaneous	2014	
1026	I26-020032-01AD30	SG	100191733	53110000	Contract Svc-Eng - Natural Account	CDM Smith	$	(17,850.00)	9/1/2014	A/P-Miscellaneous	2014	
1026	I26-020032-01AD30	SG	100191733	53110000	Contract Svc-Eng - Natural Account	CTI	$	(13,280.00)	9/1/2014	A/P-Miscellaneous	2014	
1026	I26-020032-01AD30	WE	100192691	53110000	Contract Svc-Eng - Natural Account	VOW - September 2014	$	10,109.00	9/10/2014	A/P-GRIR CapSvc	2014	Citico Station RPR Services
1026	I26-020032-01AD30	WE	100196576	53110000	Contract Svc-Eng - Natural Account	VOW - September 26 2014	$	11,273.50	9/26/2014	A/P-GRIR CapSvc	2014	Citico Station RPR Services
1026	I26-020032-01AD30	WE	100201213	53110000	Contract Svc-Eng - Natural Account	Work Performed Invoice NO. 13-039-4	$	2,600.00	10/3/2014	A/P-GRIR CapSvc	2014	Wiehl St Boundary
1026	I26-020032-01AD30	WE	100214618	53110000	Contract Svc-Eng - Natural Account	Invoice No. 11 dated October 23, 2014	$	44,150.00	11/20/2014	A/P-GRIR CapSvc	2014	Citico WW Improvements-Implementation
1026	I26-020032-01AD30	WE	100215807	53110000	Contract Svc-Eng - Natural Account	Invoice No. C14019-01-5 dated 10/24/14	$	14,906.25	11/25/2014	A/P-GRIR CapSvc	2014	Citico Station RPR Services
1026	I26-020032-01AD30	WE	100220183	53110000	Contract Svc-Eng - Natural Account	Invoice No. 11 dated November 18 2014	$	34,536.52	12/3/2014	A/P-GRIR CapSvc	2014	TN1305 Additional Process WW Design
1026	I26-020032-01AD30	SV	100220508	53110000	Contract Svc-Eng - Natural Account	CDM Smith	$	42,000.00	11/30/2014	Accr Paving	2014	
1026	I26-020032-01AD30	SG	100220698	53110000	Contract Svc-Eng - Natural Account	CDM Smith	$	(42,000.00)	12/1/2014	Accr Paving	2014	
1026	I26-020032-01AD30	WE	100221045	53110000	Contract Svc-Eng - Natural Account	Invoice No. C14019-01-6 dated 11/25/14	$	10,382.00	12/5/2014	A/P-GRIR CapSvc	2014	Citico Station RPR Services
1026	I26-020032-01AD30	KR	100225705	53110000	Contract Svc-Eng - Natural Account		$	3,775.68	12/27/2014	AMERICAN WATER WORKS SERV	2014	
1026	I26-020032-01AD30	WE	100171866	53150000	Contract Svc-Other - Natural Account	Inv# 14416 Jun 1 to Jun 30	$	30,047.26	7/3/2014	A/P-GRIR CapSvc	2014	Wiehl Street Parking Expansion
1026	I26-020032-01AD30	WE	100172436	53150000	Contract Svc-Other - Natural Account	Inv#6184 6/23/14	$	600.00	7/8/2014	A/P-GRIR CapSvc	2014	Asbestos Survey
1026	I26-020032-01AD30	WE	100177466	53150000	Contract Svc-Other - Natural Account	Work performed Invoice No. 14432	$	20,808.18	7/29/2014	A/P-GRIR CapSvc	2014	Wiehl Street Parking Expansion
1026	I26-020032-01AD30	WE	100177418	53150000	Contract Svc-Other - Natural Account	Work Performed Invoice No. 14434	$	16,451.05	7/29/2014	A/P-GRIR CapSvc	2014	Reroute Electrical for Zinc Building
1026	I26-020032-01AD30	WE	100177725	53150000	Contract Svc-Other - Natural Account	Work Performed Invoice No. 14438	$	5,510.19	7/30/2014	A/P-GRIR CapSvc	2014	Wiehl Street Parking Expansion
1026	I26-020032-01AD30	SV	100182150	53150000	Contract Svc-Other - Natural Account	Bowen	$	238,898.00	7/31/2014	A/P-Miscellaneous	2014	
1026	I26-020032-01AD30	SG	100182333	53150000	Contract Svc-Other - Natural Account	Bowen	$	(238,898.00)	8/1/2014	A/P-Miscellaneous	2014	
1026	I26-020032-01AD30	WE	100186066	53150000	Contract Svc-Other - Natural Account	VOW August 2014	$	238,898.00	8/22/2014	A/P-GRIR CapSvc	2014	Construction of Dewatering Facility
1026	I26-020032-01AD30	WE	100191086	53150000	Contract Svc-Other - Natural Account	VOW - September	$	224,576.00	9/3/2014	A/P-GRIR CapSvc	2014	Construction of Dewatering Facility
1026	I26-020032-01AD30	SV	100191683	53150000	Contract Svc-Other - Natural Account	Bowen	$	396,654.00	8/31/2014	A/P-Miscellaneous	2014	
1026	I26-020032-01AD30	SG	100191733	53150000	Contract Svc-Other - Natural Account	Bowen	$	(396,654.00)	9/1/2014	A/P-Miscellaneous	2014	
1026	I26-020032-01AD30	WE	100191873	53150000	Contract Svc-Other - Natural Account	Work Performed Invoice dated 9/5/14	$	9,900.00	9/5/2014	A/P-GRIR CapSvc	2014	Fencing adjoining Siskin
1026	I26-020032-01AD30	WE	100192525	53150000	Contract Svc-Other - Natural Account	Work Performed Invoice 14464	$	877.50	9/9/2014	A/P-GRIR CapSvc	2014	Siskin Lot Clearing
1026	I26-020032-01AD30	WE	100193282	53150000	Contract Svc-Other - Natural Account	Work Performed Invoice dated 10/3/14	$	2,778.44	9/11/2014	A/P-GRIR CapSvc	2014	Citico Security
1026	I26-020032-01AD30	WE	100194001	53150000	Contract Svc-Other - Natural Account	Work Performed Invoice No. 14469	$	3,419.75	9/16/2014	A/P-GRIR CapSvc	2014	Citico Plant Speed Hump Installation
1026	I26-020032-01AD30	WE	100193930	53150000	Contract Svc-Other - Natural Account	Work Performed Invoice No. 7062186	$	702.48	9/17/2014	A/P-GRIR CapSvc	2014	Citico Security
1026	I26-020032-01AD30	WE	100194348	53150000	Contract Svc-Other - Natural Account	Work Performed Invoice No. 7062186	$	2.00	9/17/2014	A/P-GRIR CapSvc	2014	Citico Security
1026	I26-020032-01AD30	WE	100195798	53150000	Contract Svc-Other - Natural Account	VOW - September 2014	$	601,746.00	9/24/2014	A/P-GRIR CapSvc	2014	Construction of Dewatering Facility
1026	I26-020032-01AD30	WE	100196618	53150000	Contract Svc-Other - Natural Account	Work Performed Invoice No. 14478	$	5,839.25	9/26/2014	A/P-GRIR CapSvc	2014	Residuals Const Project
1026	I26-020032-01AD30	WE	100200875	53150000	Contract Svc-Other - Natural Account	Work Performed Invoice No. 73714	$	15,720.53	10/3/2014	A/P-GRIR CapSvc	2014	4529-1 Gate Work
1026	I26-020032-01AD30	WE	100200876	53150000	Contract Svc-Other - Natural Account	Work Performed Invoice No. 73714	$	1,173.39	10/3/2014	A/P-GRIR CapSvc	2014	4529-2 Admin Bldg
1026	I26-020032-01AD30	WE	100200876	53150000	Contract Svc-Other - Natural Account	Work Performed Invoice No. 73714	$	1,874.77	10/3/2014	A/P-GRIR CapSvc	2014	4529-3 Meter Shop
1026	I26-020032-01AD30	WE	100200876	53150000	Contract Svc-Other - Natural Account	Work Performed Invoice No. 73714	$	2,293.70	10/3/2014	A/P-GRIR CapSvc	2014	4529-4 Wash Pump Bldg
1026	I26-020032-01AD30	WE	100204688	53150000	Contract Svc-Other - Natural Account	Work Performed Invoice No. 7100030	$	3,282.77	10/22/2014	A/P-GRIR CapSvc	2014	Citico Security
1026	I26-020032-01AD30	WE	100206104	53150000	Contract Svc-Other - Natural Account	Work Performed Invoice No. 6555	$	400.00	10/27/2014	A/P-GRIR CapSvc	2014	Asbestos Survey
1026	I26-020032-01AD30	WE	100206255	53150000	Contract Svc-Other - Natural Account	VOW - October 2014	$	731,365.40	10/28/2014	A/P-GRIR CapSvc	2014	Construction of Dewatering Facility
1026	I26-020032-01AD30	WE	100206343	53150000	Contract Svc-Other - Natural Account	Work Performed Invoice No. 7140034	$	2,765.28	10/28/2014	A/P-GRIR CapSvc	2014	Citico Security
1026	I26-020032-01AD30	WE	100211197	53150000	Contract Svc-Other - Natural Account	Work Performed Invoice No. 7009	$	260.00	11/4/2014	A/P-GRIR CapSvc	2014	Lead Survey
1026	I26-020032-01AD30	WE	100215696	53150000	Contract Svc-Other - Natural Account	Work Performed Invoice No. 7168984	$	2,765.28	11/25/2014	A/P-GRIR CapSvc	2014	Citico Security
1026	I26-020032-01AD30	KP	100216723	53150000	Contract Svc-Other - Natural Account		$	(728.00)	11/26/2014	A/P-GRIR CapSvc	2014	Wiehl Street Parking Expansion
1026	I26-020032-01AD30	WE	100222264	53150000	Contract Svc-Other - Natural Account	Work Performed Invoice No. 29026	$	1,400.00	12/11/2014	A/P-GRIR CapSvc	2014	Additional Fence Work
1026	I26-020032-01AD30	WE	100224594	53150000	Contract Svc-Other - Natural Account	VOW - December 2014	$	448,966.00	12/19/2014	A/P-GRIR CapSvc	2014	Construction of Dewatering Facility
1026	I26-020032-01AD30	WE	100225962	53150000	Contract Svc-Other - Natural Account	Work Performed Invoice No. 7197624	$	3,110.94	12/30/2014	A/P-GRIR CapSvc	2014	Citico Security
1026	I26-020032-01AD30	KP	100226169	53150000	Contract Svc-Other - Natural Account		$	(1,173.39)	12/30/2014	A/P-GRIR CapSvc	2014	4529-2 Admin Bldg
1026	I26-020032-01AD30	KP	100226169	53150000	Contract Svc-Other - Natural Account		$	(1,874.77)	12/30/2014	GRIR-Non-inventory	2014	4529-3 Meter Shop
1026	I26-020032-01AD30	KP	100226169	53150000	Contract Svc-Other - Natural Account		$	(2,293.70)	12/30/2014	A/P-GRIR CapSvc	2014	4529-4 Wash Pump Bldg
1026	I26-020032-01AD30	WE	100226541	53150000	Contract Svc-Other - Natural Account	Work Performed Invoice No. 259748	$	2,750.00	12/31/2014	A/P-GRIR CapSvc	2014	Camera & Jett Truck
1026	I26-020032-01AD30	SV	100229043	53150000	Contract Svc-Other - Natural Account	Rcls Tyco	$	8,365.00	12/31/2014	CWIP-WB Accrual	2014	
1026	I26-020032-01AD30	WE	100191846	62520700	Misc Maint Paving/Backfill	Work Performed Invoice 9113	$	9,650.00	9/8/2014	A/P-GRIR CapSvc	2014	Mill&Overlay Concrete Lids @ Production
1026	I26-020032-01AD30	ZF	100221786	62520800	Misc Maint Permits - Natural Account		$	50.00	12/10/2014	TDEC-Consolidated Fee Section	2014	
1026	I26-020032-01OH	SL	100125219	52801100	Indirect Overhead Clearing	PP BATCH # 5275	$	12,482.38	1/31/2014	CWIP-EngClearDist OH	2014	
1026	I26-020032-01OH	SL	100133067	52801100	Indirect Overhead Clearing	PP BATCH # 5461	$	9,503.60	2/28/2014	CWIP-EngClearDist OH	2014	
1026	I26-020032-01OH	SL	100142603	52801100	Indirect Overhead Clearing	PP BATCH # 5561	$	135.81	3/31/2014	CWIP-EngClearDist OH	2014	
1026	I26-020032-01OH	SL	100142603	52801100	Indirect Overhead Clearing	PP BATCH # 5561	$	16,657.62	3/31/2014	CWIP-EngClearDist OH	2014	
1026	I26-020032-01OH	SL	100152055	52801100	Indirect Overhead Clearing	PP BATCH # 5654	$	389.07	4/30/2014	CWIP-EngClearDist OH	2014	
1026	I26-020032-01OH	SL	100152055	52801100	Indirect Overhead Clearing	PP BATCH # 5654	$	18,684.28	4/30/2014	CWIP-EngClearDist OH	2014	
1026	I26-020032-01OH	SL	100161730	52801100	Indirect Overhead Clearing	PP BATCH # 5757	$	9,688.91	5/31/2014	CWIP-EngClearDist OH	2014	
1026	I26-020032-01OH	SL	100161730	52801100	Indirect Overhead Clearing	PP BATCH # 5757	$	253.03	5/31/2014	CWIP-EngClearDist OH	2014	
1026	I26-020032-01OH	SL	100171593	52801100	Indirect Overhead Clearing	PP BATCH # 5849	$	4,273.40	6/30/2014	CWIP-EngClearDist OH	2014	
1026	I26-020032-01OH	SL	100171593	52801100	Indirect Overhead Clearing	PP BATCH # 5849	$	208.52	6/30/2014	CWIP-EngClearDist OH	2014	
1026	I26-020032-01OH	SL	100181565	52801100	Indirect Overhead Clearing	PP BATCH # 5933	$	846.80	7/31/2014	CWIP-EngClearDist OH	2014	
1026	I26-020032-01OH	SL	100181565	52801100	Indirect Overhead Clearing	PP BATCH # 5933	$	20,358.83	7/31/2014	CWIP-EngClearDist OH	2014	
1026	I26-020032-01OH	SL	100190804	52801100	Indirect Overhead Clearing	PP BATCH # 5990	$	(21,978.62)	8/31/2014	Indirect OH Clearing	2014	
1026	I26-020032-01OH	SL	100190804	52801100	Indirect Overhead Clearing	PP BATCH # 5990	$	682.24	8/31/2014	CWIP-EngClearDist OH	2014	
1026	I26-020032-01OH	SL	100190804	52801100	Indirect Overhead Clearing	PP BATCH # 5990	$	22,911.24	8/31/2014	CWIP-EngClearDist OH	2014	
1026	I26-020032-01OH	SL	100200414	52801100	Indirect Overhead Clearing	PP BATCH # 6058	$	(39,356.13)	9/30/2014	Indirect OH Clearing	2014	
1026	I26-020032-01OH	SL	100200414	52801100	Indirect Overhead Clearing	PP BATCH # 6058	$	592.62	9/30/2014	CWIP-EngClearDist OH	2014	
1026	I26-020032-01OH	SL	100200414	52801100	Indirect Overhead Clearing	PP BATCH # 6058	$	130,252.00	9/30/2014	CWIP-EngClearDist OH	2014	
1026	I26-020032-01OH	SL	100209841	52801100	Indirect Overhead Clearing	PP BATCH # 6137	$	135,381.51	10/31/2014	CWIP-EngClearDist OH	2014	
1026	I26-020032-01OH	SL	100209841	52801100	Indirect Overhead Clearing	PP BATCH # 6137	$	880.23	10/31/2014	CWIP-EngClearDist OH	2014	
1026	I26-020032-01OH	SL	100217656	52801100	Indirect Overhead Clearing	PP BATCH # 6198	$	5,644.52	11/30/2014	999 Line JE Clearg	2014	

1026	I26-020032-01OH	SL	10021765(	52801100	Indirect Overhead Clearing	PP BATCH # 6198	$ 865.63	11/30/2014	999 Line JE Clearg	2014	
1026	I26-020032-01OH	SL	10022850(	52801100	Indirect Overhead Clearing	PP BATCH # 6266	$ (3,512.04)	12/31/2014	Indirect OH RWIP Clr	2014	
1026	I26-020032-01OH	SL	10022850(	52801100	Indirect Overhead Clearing	PP BATCH # 6266	$ 737.34	12/31/2014	CWIP-EngClearDist OH	2014	
1026	I26-020032-01OH	SL	10022850(	52801100	Indirect Overhead Clearing	PP BATCH # 6266	$ 70,583.74	12/31/2014	CWIP-EngClearDist OH	2014	
1026	I26-020032-01OH	SL	10022996(	52801100	Indirect Overhead Clearing	PP BATCH # 6294	$ (11,262.52)	12/31/2014	CWIP-EngClearDist OH	2014	
1026	I26-020032-01OH	SL	10022996(	52801100	Indirect Overhead Clearing	PP BATCH # 6294	$ (191.91)	12/31/2014	CWIP-EngClearDist OH	2014	
1026	I26-020032-01OH	SL	10021765(	52805100	Indirect Overhead RWIP Clearing	PP BATCH # 6198	$ 76,743.09	11/30/2014	999 Line JE Clearg	2014	
1026	I26-020032-01OH	SL	10022850(	52805100	Indirect Overhead RWIP Clearing	PP BATCH # 6266	$ 73,185.91	12/31/2014	CWIP-EngClearDist OH	2014	
1026	I26-020032-01RM	WE	10021632(	53150000	Contract Svc-Other - Natural Account	VOW - November 2014	$ 834,164.00	11/25/2014	A/P-GRIR CapSvc	2014	Construction of Dewatering Facility
1026	I26-020032-01RM	WE	10022459(	53150000	Contract Svc-Other - Natural Account	VOW - December 2014	$ 795,499.00	12/19/2014	A/P-GRIR CapSvc	2014	Construction of Dewatering Facility
							$ 7,493,083.39				

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 15-00111
SECOND DISCOVERY SET OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Brent O'Neill

Question: 02-010

Refer to the Company's reply to CPAD Data Request Item 1-16 regarding the source data for the 2016 projected capital expenditures included on the "WKP 2016 SCEP" tab of the Company's filing. The Company's reply to CPAD 1-16 appears to be non-responsive in particular because the source data was not provided. Please provide the source and support – including all workpapers – for the projected capital expenditures and non-investor supplied funds included on the "WKP 2016 SCEP" tab of the electronic spreadsheet of the Company's filing.

Response:

Similar to the response to CPAD Data Request Item 2-7, Tennessee American Water went through a several stage process to develop the forecast that is presented in the EXH 2016 SCEP and was used to trend the historical data that is discussed in the Direct Testimony of Brent E O'Neill.

Attached please find the five year actual spend from 2010 to 2014, marked as TAW_R_CAPDDR2_NUM010_Attachment 1.xlsx and the actual spend for the two year period of 2013 and 2014, marked as TAW_R_CAPDDR2_NUM010_Attachment 2.xlsx, that was used to trend the historical spending of each line.

The budget line managers used this information as reference material as they enter the previously described second step of the budget process. During this step each budget line manager reviews the needs based on the activity or work that is expected 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 is used to populate the attached RP Spreadsheet TN 2016-2017, marked as TAW_R_CAPDDR2_NUM010_Attachment 3.xlsx that was developed during the third step to support the creation of the 2016 SCEP. This spreadsheet provides a listing of each budget line with a listing of proposed projects or the proposed activity level that was developed by each budget line manager during its creation that occurred during June 2015. This is all of the source and support information, including workpapers, available for the recurring project capital expenditures for the "WKP 2016 SCEP" tab of the electronic spreadsheet of the Company's filing. The only Investment Project placed into service on the 2016 SCEP is the Citico Phase 1-B project. This project was discussed at length in Docket No. 14-00121 in testimony, responses to discovery requests, and cross-examination of witnesses. The justification document for this project is also attached which reflects the cost estimate and schedule.

Company Code:	Tennessee-American Water
Period/Year:	2013-2014

Average Spend for 2013 and 2014				
Project		**Actual 2013**	**Actual 2014**	**Average 2013/2014**
CAPRPA	Mains - New	**$230,419**	**$280,825**	**$255,622**
CAPRPB	Mains - Replaced / Restored	**$2,320,998**	**$1,000,231**	**$1,660,614**
CAPRPC	Mains - Unscheduled	**$231,431**	**$1,118,057**	**$674,744**
CAPRPD	Mains - Relocated	**$1,493,035**	**$383,302**	**$938,168**
CAPRPE	Hydrants, Valves, and Manholes-New	**$32,977**	**$65,937**	**$49,457**
CAPRPF	Hydrants, Valves, and Manholes-Rep	**$331,075**	**$287,268**	**$309,172**
CAPRPG	Services and Laterals - New	**$435,201**	**$653,401**	**$544,301**
CAPRPH	Services and Laterals - Replaced	**$552,634**	**$518,946**	**$535,790**
CAPRPI	Meters - New	**$497,794**	**$315,181**	**$406,488**
CAPRPJ	Meters - Replaced	**$638,268**	**$1,002,245**	**$820,256**
CAPRPK	ITS Equipment and Systems	**$129,608**	**$158,582**	**$144,095**
CAPRPL	SCADA Equipment and Systems	**$465,978**	**$530,144**	**$498,061**
CAPRPM	Security Equipment and Systems	**$90,355**	**$6,757**	**$48,556**
CAPRPN	Offices and Operations Centers	**$266,583**	**$170,259**	**$218,421**
CAPRPO	Vehicles	**$1,381,999**	**$459,066**	**$920,533**
CAPRPP	Tools and Equipment	**$100,283**	**$48,065**	**$74,174**
CAPRPQ	Process Plant - Facilities and Equi	**$1,319,428**	**$2,356,455**	**$1,837,942**
CAPRPR	Capitalized Tank Rehabilitation / P	**$247,616**	**$2,377,334**	**$1,312,475**
CAPRPS	Engineering Studies	**$68,021**	**$161,470**	**$114,746**

Variable Section:	
Company Code:	Tennessee-American Water
Period/Year:	12/2013
Version:	0
Estimate Type:	Total

Project			Actual YTD 12-2013
CAPRPA			**$230,419**
CAPRPA	R26-02A1.12	Mains - New	$10,730
	R26-02A1.13	Mains - New	$219,690
CAPRPB			**$2,320,998**
CAPRPB	R26-02B1.12	Mains - Replaced / Restored	$503,997
	R26-02B1.13	Mains-Replaced / Restored	$1,817,001
CAPRPC			**$1,493,035**
CAPRPC	R26-02C1.07	Mains - Unscheduled	($45,288)
	R26-02C1.12	Mains - Unscheduled	($461)
	R26-02C1.13	Mains-Unscheduled	$1,538,255
	R26-02C1.14	Mains-Unscheduled	$529
CAPRPD			**($183,880)**
CAPRPD	R26-02D1.09	Mains - Relocated	$16,156
	R26-02D1.10	Mains - Relocated	($51,271)
	R26-02D1.11	Mains - Relocated	$4,776
	R26-02D1.12	Mains - Relocated	($258,442)
	R26-02D1.13	Mains-Relocated	$104,901
CAPRPE			**$32,977**
	R26-02E1.12	Hydrants, Valves, and Manholes-New	($3,234)
	R26-02E1.13	Hydrants Valves and Manholes-New	$36,210
CAPRPF			**$331,075**
	R26-02F1.07	Hydrants, Valves, and Manholes-Rep	($14,120)
	R26-02F1.12	Hydrants, Valves, and Manholes-Rep	$120,753
	R26-02F1.13	Hydrants Valves and Manholes-Rep	$223,570

	R26-03F1.12	Hyd & Vlvs - Rep - Marion Cnty TN ALL	$872
CAPRPG			**$435,201**
	R26-02G1.07	Services and Laterals - New	($77,714)
	R26-02G1.12	Services and Laterals - New	$187
	R26-02G1.13	Services and Laterals-New	$510,933
	R26-03G1.13	Services and Laterals-New	$1,796
CAPRPH			**$552,634**
	R26-02H1.07	Services and Laterals - Replaced	($31,888)
	R26-02H1.13	Services and Laterals-Replaced	$584,425
	R26-02H1.14	Services and Laterals-Replaced	$97
CAPRPI			**$497,794**
	R26-02I1.07	Meters - New	($1,414)
	R26-02I1.12	Meters - New	$266,023
	R26-02I1.13	Meters-New	$233,186
CAPRPJ			**$638,268**
	R26-02J1.07	Meters - Replaced	($157,149)
	R26-02J1.13	Meters-Replaced	$456,263
	R26-05J1.13	Meters-Replaced	$339,153
CAPRPK			**$129,608**
	R26-01K3.13	ITS Centrally Sponsored Projects	$80,308
	R26-02K1.12	ITS Equipment and Systems	($31,513)
	R26-02K1.13	ITS Equipment and Systems	$80,814
CAPRPL			**$465,978**
	R26-02L1.11	SCADA Equipment and Systems	($648)
	R26-02L1.13	R3803L.13- SCADA Equip & Systems	$460,874
	R26-05L1.13	SCADA Equipment and Systems	$5,753
CAPRPM			**$90,355**
	R26-02M1.12	Security Equipment and Systems	($26,087)
	R26-02M1.13	Security Equipment and Systems	$116,442
CAPRPN			**$266,583**
	R26-02N1.12	Offices and Operations Centers	($1,149)
	R26-02N1.13	Offices and Operations Centers	$258,082
	R26-05N1.14	Offices and Operations Centers	$9,650
CAPRPO			**$1,381,999**
	R26-02O1.12	Vehicles	$0

	R26-02O1.13	Vehicles	$1,381,999
CAPRPP			**$100,283**
	R26-02P1.12	Tools and Equipment	$44,245
	R26-02P1.13	Tools and Equipment	$59,840
	R26-03P1.12	Tools and Equipment	($3,801)
CAPRPQ			**$1,319,428**
CAPRPQ	R26-02Q1.12	Process Plant - Facilities and Equi	$130,090
	R26-02Q1.13	Process Plant Facilities and Equip	$1,175,045
	R26-03Q1.12	Process Plant - Facilities and Equi	$7,605
	R26-03Q1.13	Process Plant Facilities and Equip	$6,688
CAPRPR			**$247,616**
CAPRPR	R26-02R1.12	Capitalized Tank Rehabilitation / P	($40,662)
	R26-02R1.13	Capitalized Tank Rehab/Painting	$212,091
	R26-03R1.08	Capitalized Tank Rehabilitation / P	$76,187
CAPRPS			**$68,021**
	R26-02S1.12	Engineering Studies	$383
	R26-02S1.13	Engineering Studies	$67,639

Variable Section:	
Company Code:	Tennessee-American Water
Period/Year:	12/2014
Version:	0
Estimate Type:	Total

Project			Actual YTD 12-2014
CAPRPA			**$280,825**
CAPRPA	R26-02A1.13	Mains - New	$4,635
	R26-02A1.14	Mains-New	$128,671
	R26-05A1.14	Mains-New	$147,519
CAPRPB			**$1,000,231**
	R26-02B1.13	Mains-Replaced / Restored	$660,855
	R26-02B1.14	Mains-Replaced / Restored	$263,780
	R26-05B1.14	Mains-Replaced / Restored	$75,596
CAPRPC			**$1,118,057**
CAPRPC	R26-02C1.07	Mains - Unscheduled	($141)
	R26-02C1.13	Mains-Unscheduled	$91,618
	R26-02C1.14	Mains-Unscheduled	$923,294
	R26-02C1.15	Mains-Unscheduled	$1,892
	R26-03C1.14	Mains-Unscheduled	$2,892
	R26-05C1.14	Mains-Unscheduled	$98,501
CAPRPD			**$383,302**
CAPRPD	R26-02D1.09	Mains - Relocated	$14,173
	R26-02D1.11	Mains - Relocated	$9,436
	R26-02D1.13	Mains-Relocated	$6,629
	R26-02D1.14	Mains-Relocated	$352,576
	R26-05D1.14	Mains-Relocated	$488
CAPRPE			**$65,937**
	R26-02E1.13	Hydrants Valves and Manholes-New	$9,599

	R26-02E1.14	Hydrants - Valves and Manholes-New	$48,300
	R26-02E1.15	Hydrants - Valves and Manholes-New	$769
	R26-05E1.14	Hydrants, Valves and Manholes-New	$7,268
CAPRPF			**$287,268**
	R26-02F1.07	Hydrants, Valves, and Manholes-Rep	($1,449)
	R26-02F1.12	Hydrants, Valves, and Manholes-Rep	$191
	R26-02F1.13	Hydrants Valves and Manholes-Rep	$20,018
	R26-02F1.14	Hydrants Valves and Manholes-Rep	$229,287
	R26-02F1.15	Hydrants Valves and Manholes-Rep	$6,313
	R26-05F1.14	Hydrants, Valves and Manholes-Rep	$32,908
CAPRPG			**$653,401**
	R26-02G1.07	Services and Laterals - New	$3,228
	R26-02G1.13	Services and Laterals-New	$90,878
	R26-02G1.14	Services and Laterals-New	$553,105
	R26-02G1.15	Services and Laterals-New	$581
	R26-03G1.14	Services and Laterals-New	$815
	R26-05G1.14	Services and Laterals-New	$4,794
CAPRPH			**$518,946**
	R26-02H1.07	Services and Laterals - Replaced	($5,750)
	R26-02H1.13	Services and Laterals-Replaced	($19,273)
	R26-02H1.14	Services and Laterals-Replaced	$423,808
	R26-02H1.15	Services and Laterals-Replaced	$724
	R26-05H1.14	Services and Laterals-Replaced	$119,437
CAPRPI			**$315,181**
CAPRPI	R26-02I1.07	Meters - New	($1,430)
	R26-02I1.13	Meters-New	$107,157
	R26-02I1.14	Meters-New	$195,189
	R26-05I1.14	Meters-New	$14,265
CAPRPJ			**$1,002,245**
CAPRPJ	R26-02J1.07	Meters - Replaced	$4,387
	R26-02J1.13	Meters-Replaced	$104,512
	R26-02J1.14	Meters-Replaced	$725,789
	R26-02J1.15	Meters-Replaced	$796
	R26-05J1.13	Meters-Replaced	($339,154)
	R26-05J1.14	Meters-Replaced	$505,916

CAPRPK			**$158,582**
	R26-02K1.13	ITS Equipment and Systems	($175)
	R26-02K1.14	ITS Equipment and Systems	$158,758
CAPRPL			**$530,144**
	R26-02L1.13	R3803L.13- SCADA Equip & Systems	$20,722
	R26-02L1.14	SCADA Equipment and Systems	$285,840
	R26-05L1.13	SCADA Equipment and Systems	$98,107
	R26-05L1.14	SCADA Equipment and Systems	$125,476
CAPRPM			**$6,757**
	R26-02M1.13	Security Equipment and Systems	$564
	R26-02M1.14	Security Equipment and Systems	$6,193
	R26-05M1.14	Security Equipment and Systems	$0
CAPRPN			**$170,259**
CAPRPN	R26-02N1.13	Offices and Operations Centers	($11,536)
	R26-02N1.14	Offices and Operations Centers	$149,948
	R26-05N1.14	Offices and Operations Centers	$31,847
CAPRPO			**$459,066**
	R26-02O1.13	Vehicles	$30,464
	R26-02O1.14	Vehicles	$386,222
	R26-05O1.14	Vehicles	$42,380
CAPRPP			**$48,065**
CAPRPP	R26-02P1.13	Tools and Equipment	$10,632
	R26-02P1.14	Tools and Equipment	$27,532
	R26-05P1.14	Tools and Equipment	$9,901
CAPRPQ			**$2,356,455**
	R26-02Q1.12	Process Plant - Facilities and Equi	$0
	R26-02Q1.13	Process Plant Facilities and Equip	$903,662
	R26-02Q1.14	Process Plant Facilities and Equip	$1,370,519
	R26-03Q1.14	Process Plant Facilities and Equip	$10,295
	R26-05Q1.14	Process Plant Facilities and Equip	$71,979
CAPRPR			**$2,377,334**
CAPRPR	R26-02R1.13	Capitalized Tank Rehab/Painting	$2,353,525
	R26-02R1.14	Capitalized Tank Rehab/Painting	$2,707
	R26-03R1.14	Capitalized Tank Rehab/Painting	$1,559
	R26-05R1.14	Capitalized Tank Rehab/Painting	$19,543

CAPRPS			**$161,470**

Tennessee American Water

Average Spend for 2010 through 2014							
Project		Actual 2010	Actual 2011	Actual 2012	Actual 2013	Actual 2014	Average 5 Year Average
CAPRPA	Mains - New	$8,734	$14,067	$116,244	$230,419	$280,825	$130,058
CAPRPB	Mains - Replaced / Restored	$343,150	$1,873,592	$1,634,094	$2,320,998	$1,000,231	$1,434,413
CAPRPC	Mains - Unscheduled	$118,208	$306,947	$745,027	$231,431	$1,118,057	$503,934
CAPRPD	Mains - Relocated	$229,988	$477,561	$1,484,031	$1,493,035	$383,302	$813,583
CAPRPE	Hydrants, Valves, and Manholes-New	$50,047	$16,488	$24,581	$32,977	$65,937	$38,006
CAPRPF	Hydrants, Valves, and Manholes-Rep	$96,585	$144,020	$1,256,281	$331,075	$287,268	$423,046
CAPRPG	Services and Laterals - New	$715,505	$545,133	$415,993	$435,201	$653,401	$553,047
CAPRPH	Services and Laterals - Replaced	$77,625	$219,605	$582,378	$552,634	$518,946	$390,238
CAPRPI	Meters - New	$450,276	$377,300	$683,823	$497,794	$315,181	$464,875
CAPRPJ	Meters - Replaced	$516,381	$661,523	$1,473,626	$638,268	$1,002,245	$858,409
CAPRPK	ITS Equipment and Systems	$15,890	$363,493	$370,403	$129,608	$158,582	$207,595
CAPRPL	SCADA Equipment and Systems	$31,882	$70,000	$33,833	$465,978	$530,144	$226,367
CAPRPM	Security Equipment and Systems	$20,194	$173,166	$98,186	$90,355	$6,757	$77,732
CAPRPN	Offices and Operations Centers	$0	$91,979	$58,798	$266,583	$170,259	$117,524
CAPRPO	Vehicles	$0	$505,622	$29,674	$1,381,999	$459,066	$475,272
CAPRPP	Tools and Equipment	$47,142	$73,320	$122,944	$100,283	$48,065	$78,351
CAPRPQ	Process Plant - Facilities and Equi	$354,026	$1,209,893	$1,484,406	$1,319,428	$2,356,455	$1,344,842
CAPRPR	Capitalized Tank Rehabilitation / P	$0	$494,499	$851,586	$247,616	$2,377,334	$794,207
CAPRPS	Engineering Studies	$6,126	($375)	($375)	$68,021	$161,470	$46,973

RP SUMMARY		Date Prepared:	May 12, 2015						
Line Item	OPERATING UNIT	CURRENT BP YEAR	2016			2017			
	26-Tennessee	2016	Total Qty	Avg Unit Cost	Total Cost	Total Qty	Avg Unit Cost	Total Cost	Total Qty
TOTAL	Priority A				$4,321,576			$4,746,052	
	Priority B				$2,045,678			$2,810,364	
	Priority C				$800,500			$2,219,260	
	Total				**$7,167,754**			**$9,775,677**	
A	Priority A		2,000	$110	$220,000	0	$0	$0	2,000
	Priority B		0	$0	$0	2,300	$120	$276,000	0
	Priority C		0	$0	$0	0	$0	$0	0
	Total		**2,000**	**$110**	**$220,000**	**2,300**	**$120**	**$276,000**	**2,000**
B	Priority A		0	$0	$0	0	$0	$0	0
	Priority B		3,000	$110	$330,000	0	$0	$0	0
	Priority C		4,550	$110	$500,500	15,600	$115	$1,794,000	20,000
	Total		**7,550**	**$110**	**$830,500**	**15,600**	**$115**	**$1,794,000**	**20,000**
C	Priority A				$920,000			$950,000	
	Priority B - N/A								
	Priority C - N/A								
	Total				**$920,000**			**$950,000**	
D	Priority A		0	$0	$0	0	$0	$0	0
	Priority B		0	$0	$0	0	$0	$0	0
	Priority C		2,000	$125	$250,000	2,800	$125	$350,000	3,000
	Total		**2,000**	**$125**	**$250,000**	**2,800**	**$125**	**$350,000**	**3,000**
E	Priority A		0	$0	$0	0	$0	$0	0
	Priority B		0	$0	$0	0	$0	$0	0
	Priority C		23	$2,174	$50,000	24	$2,363	$56,700	32
	Total		**23**	**$2,174**	**$50,000**	**24**	**$2,363**	**$56,700**	**32**
F	Priority A		26	$5,577	$145,000	31	$5,161	$160,000	31
	Priority B		10	$12,500	$125,000	18	$11,944	$215,000	20
	Priority C		0	$0	$0	0	$0	$0	0
	Total		**36**	**$7,500**	**$270,000**	**49**	**$7,653**	**$375,000**	**51**
G	Priority A		505	$1,033	$521,800	525	$1,040	$545,800	545
	Priority B		0	$0	$0	0	$0	$0	0
	Priority C		0	$0	$0	0	$0	$0	0
	Total		**505**	**$1,033**	**$521,800**	**525**	**$1,040**	**$545,800**	**545**
H	Priority A		119	$2,101	$250,000	184	$2,188	$402,500	219
	Priority B		0	$0	$0	0	$0	$0	0
	Priority C		0	$0	$0	0	$0	$0	0
	Total		**119**	**$2,101**	**$250,000**	**184**	**$2,188**	**$402,500**	**219**
I	Priority A		520	$375	$194,900	545	$380	$206,900	560
	Priority B		0	$0	$0	0	$0	$0	0
	Priority C		0	$0	$0	0	$0	$0	0
	Total		**520**	**$375**	**$194,900**	**545**	**$380**	**$206,900**	**560**
J	Priority A		5,000	$151	$753,930	10,000	$138	$1,378,930	10,000
	Priority B		0	$0	$0	0	$0	$0	0
	Priority C		0	$0	$0	0	$0	$0	0

RP SUMMARY		Date Prepared:	May 12, 2015						
Line Item	OPERATING UNIT	CURRENT BP YEAR	2016			2017			
	26-Tennessee	2016	Total Qty	Avg Unit Cost	Total Cost	Total Qty	Avg Unit Cost	Total Cost	Total Qty
	Total		**5,000**	**$151**	**$753,930**	**10,000**	**$138**	**$1,378,930**	**10,000**
K	Priority A				$890,946			$871,922	
	Priority B				$147,678			$195,364	
	Priority C				$0			$18,560	
	Total				**$1,038,624**			**$1,085,847**	
L	Priority A				$225,000			$110,000	
	Priority B				$35,000			$30,000	
	Priority C				$0			$0	
	Total				**$260,000**			**$140,000**	
M	Priority A				$200,000			$120,000	
	Priority B				$0			$0	
	Priority C				$0			$0	
	Total				**$200,000**			**$120,000**	
N	Priority A				$0			$0	
	Priority B				$40,000			$50,000	
	Priority C				$0			$0	
	Total				**$40,000**			**$50,000**	
O	Priority A				$0			$0	
	Priority B				$333,000			$659,000	
	Priority C				$0			$0	
	Total				**$333,000**			**$659,000**	
P	Priority A				$0			$0	
	Priority B				$60,000			$60,000	
	Priority C				$0			$0	
	Total				**$60,000**			**$60,000**	
Q	Priority A				$0			$0	
	Priority B				$975,000			$1,325,000	
	Priority C				$0			$0	
	Total				**$975,000**			**$1,325,000**	
R	Priority A				$0			$0	
	Priority B				$0			$0	
	Priority C				$0			$0	
	Total				**$0**			**$0**	
S	Priority A				$0			$0	
	Priority B				$0			$0	
	Priority C				$0			$0	
	Total				**$0**			**$0**	

RP SU								
Line Item	2018		2019			2020		
	Avg Unit Cost	Total Cost	Total Qty	Avg Unit Cost	Total Cost	Total Qty	Avg Unit Cost	Total Cost
TOTAL		$4,899,772			$4,932,387			$5,027,242
		$1,849,738			$1,973,962			$2,443,622
		$2,894,033			$3,627,760			$3,639,200
		$9,643,543			**$10,534,109**			**$11,110,064**
A	$120	$240,000	2,000	$120	$240,000	2,000	$120	$240,000
	$0	$0	0	$0	$0	0	$0	$0
	$0	$0	0	$0	$0	0	$0	$0
	$120	**$240,000**	**2,000**	**$120**	**$240,000**	**2,000**	**$120**	**$240,000**
B	$0	$0	0	$0	$0	0	$0	$0
	$0	$0	0	$0	$0	0	$0	$0
	$120	$2,400,000	25,000	$125	$3,125,000	25,000	$125	$3,125,000
	$120	**$2,400,000**	**25,000**	**$125**	**$3,125,000**	**25,000**	**$125**	**$3,125,000**
C		$950,000			$1,000,000			$1,000,000
		$950,000			**$1,000,000**			**$1,000,000**
D	$0	$0	0	$0	$0	0	$0	$0
	$0	$0	0	$0	$0	0	$0	$0
	$135	$405,000	3,000	$135	$405,000	3,000	$145	$435,000
	$135	**$405,000**	**3,000**	**$135**	**$405,000**	**3,000**	**$145**	**$435,000**
E	$0	$0	0	$0	$0	0	$0	$0
	$0	$0	0	$0	$0	0	$0	$0
	$2,475	$79,200	32	$2,475	$79,200	32	$2,475	$79,200
	$2,475	**$79,200**	**32**	**$2,475**	**$79,200**	**32**	**$2,475**	**$79,200**
F	$6,008	$186,250	31	$6,008	$186,250	31	$6,008	$186,250
	$15,200	$304,000	20	$15,200	$304,000	20	$15,200	$304,000
	$0	$0	0	$0	$0	0	$0	$0
	$9,613	**$490,250**	**51**	**$9,613**	**$490,250**	**51**	**$9,613**	**$490,250**
G	$1,050	$572,000	565	$1,050	$593,000	585	$1,059	$619,800
	$0	$0	0	$0	$0	0	$0	$0
	$0	$0	0	$0	$0	0	$0	$0
	$1,050	**$572,000**	**565**	**$1,050**	**$593,000**	**585**	**$1,059**	**$619,800**
H	$2,140	$468,750	224	$2,121	$475,000	224	$2,121	$475,000
	$0	$0	0	$0	$0	0	$0	$0
	$0	$0	0	$0	$0	0	$0	$0
	$2,140	**$468,750**	**224**	**$2,121**	**$475,000**	**224**	**$2,121**	**$475,000**
I	$380	$212,600	575	$380	$218,250	595	$380	$225,850
	$0	$0	0	$0	$0	0	$0	$0
	$0	$0	0	$0	$0	0	$0	$0
	$380	**$212,600**	**575**	**$380**	**$218,250**	**595**	**$380**	**$225,850**
J	$138	$1,378,930	10,000	$138	$1,378,930	9,821	$135	$1,330,733
	$0	$0	0	$0	$0	0	$0	$0
	$0	$0	0	$0	$0	0	$0	$0

RP SU								
Line Item	2018		2019			2020		
	Avg Unit Cost	Total Cost	Total Qty	Avg Unit Cost	Total Cost	Total Qty	Avg Unit Cost	Total Cost
	$138	**$1,378,930**	**10,000**	**$138**	**$1,378,930**	**9,821**	**$135**	**$1,330,733**
K		$706,242			$660,957			$744,609
		$144,738			$125,962			$257,622
		$9,833			$18,560			$0
		$860,813			**$805,479**			**$1,002,231**
L		$65,000			$60,000			$85,000
		$35,000			$0			$0
		$0			$0			$0
		$100,000			**$60,000**			**$85,000**
M		$120,000			$120,000			$120,000
		$0			$0			$0
		$0			$0			$0
		$120,000			**$120,000**			**$120,000**
N		$0			$0			$0
		$50,000			$50,000			$50,000
		$0			$0			$0
		$50,000			**$50,000**			**$50,000**
O		$0			$0			$0
		$501,000			$559,000			$947,000
		$0			$0			$0
		$501,000			**$559,000**			**$947,000**
P		$0			$0			$0
		$60,000			$60,000			$60,000
		$0			$0			$0
		$60,000			**$60,000**			**$60,000**
Q		$0			$0			$0
		$755,000			$875,000			$825,000
		$0			$0			$0
		$755,000			**$875,000**			**$825,000**
R		$0			$0			$0
		$0			$0			$0
		$0			$0			$0
		$0			**$0**			**$0**
S		$0			$0			$0
		$0			$0			$0
		$0			$0			$0
		$0			**$0**			**$0**

DISTRICT SUMMARY														
Date Prepared:	May 12, 2015													
OPERATING UNIT		2016												
		A	B	C	D	E	F	G	H	I	J	K	L	M
26-Tennessee		Mains - New	Mains - Replaced / Restored	Mains - Unscheduled	Mains - Relocated	Hydrants, Valves & Manholes - New	Hydrants, Valves & Manholes - Replaced	Services & Laterals - New	Services & Laterals - Replaced	Meters - New	Meters - Replaced	ITS Equipment & Systems	SCADA Equipment & Systems	Security Equipment & Systems
2600-TN-Cap Growth Budget		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2601-TN-Corporate		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$890,946	$0	$0
2602-TN-Chattanooga		$220,000	$830,500	$865,000	$250,000	$46,000	$250,000	$516,800	$235,000	$187,500	$753,930	$147,678	$225,000	$175,000
2603-TN-Suck Creek		$0	$0	$5,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$25,000
2604-TN-Lone Oak		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2605-TN-Sequatchie Valley		$0	$0	$50,000	$0	$4,000	$20,000	$5,000	$15,000	$7,400	$0	$0	$35,000	$0

DISTRICT SUMMARY											
Date Prepared:											
OPERATING								2017	2018	2019	2020
	N	O	P	Q	R	S					
26-Tennes	Offices & Operations Centers	Vehicles	Tools & Equipment	Process Plant Facilities & Equipment	Capitalized Tank Rehab & Painting	Engineering Studies	TOTAL 2016	TOTAL 2017	TOTAL 2018	TOTAL 2019	TOTAL 2020
2600-TN-Cap Growth Budget	$0	$0	$0	$0	$0	$0	**$0**	**$0**	**$0**	**$0**	**$0**
2601-TN-Corporate	$0	$0	$0	$0	$0	$0	**$890,946**	**$871,922**	**$706,242**	**$660,957**	**$744,609**
2602-TN-Chattanooga	$40,000	$333,000	$60,000	$975,000	$0	$0	**$6,110,408**	**$8,663,286**	**$8,771,701**	**$9,703,848**	**$10,196,242**
2603-TN-Suck Creek	$0	$0	$0	$0	$0	$0	**$30,000**	**$105,000**	**$5,000**	**$5,000**	**$5,000**
2604-TN-Lone Oak	$0	$0	$0	$0	$0	$0	**$0**	**$0**	**$0**	**$0**	**$0**
2605-TN-Sequatchie Valley	$0	$0	$0	$0	$0	$0	**$136,400**	**$135,468**	**$160,600**	**$164,304**	**$164,213**

MAINS - NEW				CURRENT BUSINESS PLAN YEAR - 2016		PRIORITY	2016 TOTAL QTY	2016 AVG UNIT COST	2016 TOTAL COST	2017 TOTAL QTY	2017 AVG UNIT COST	2017 TOTAL COST	TOTAL QTY
Operating Unit	26-Tennessee	**A**		**Budget**	$220,000	Priority A	2,000	$110	$220,000	0	$0	$0	2,000
Current Bus. Plan Year	2016			**Budget Reserve**	$0	Priority B	0	$0	$0	2,300	$120	$276,000	0
Date Prepared	May 12, 2015			**Total Budget**	**$220,000**	Priority C	0	$0	$0	0	$0	$0	0
Budget Level	Project			**Overprogram**	$0	**Total**	**2,000**	**$110**	**$220,000**	**2,300**	**$120**	**$276,000**	**2,000**
PROJECT INFORMATION							**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**	**Predominant Pipe Dia. (inches)**	**Estimated No. of Services**	**Justification**	**Priority**	**Estimated Quantity (feet)**	**Estimated Unit Cost ($/foot)**	**Estimated Cost (dollars)**	**Estimated Quantity (feet)**	**Estimated Unit Cost ($/foot)**	**Estimated Cost (dollars)**	**Estimated Quantity (feet)**
2602-TN-Chattanooga	Budget	Hamilton Street	8"	5	New customer service within franchise area	Priority A	2,000	$110.00	$220,000	-	$0.00	$0	-
2605-TN-Sequatchie Valley	Budget						-	$0.00	$0			$0	-
2602-TN-Chattanooga	Budget	Cummings Road	8"	10	Short term hydraulic improvements	Priority B	-	$0.00	$0	2,300	$120.00	$276,000	-
2602-TN-Chattanooga	Budget	Not Identified At this time	8"		New customer service within franchise area	Priority A	-	$0.00	$0	-	$0.00	$0	2,000
2605-TN-Sequatchie Valley	Budget	Not Identified At this time	8"		New customer service within franchise area	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	-	$0.00	$0	-
							-	$0.00	$0	-	$0.00	$0	-
							-	$0.00	$0	-	$0.00	$0	-
							-	$0.00	$0	-	$0.00	$0	-

	2018		2019			2020						
	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST				
Operating Unit	$120	$240,000	2,000	$120	$240,000	2,000	$120	$240,000				
Current Bus. Plan Year	$0	$0	0	$0	$0	0	$0	$0				
Date Prepared	$0	$0	0	$0	$0	0	$0	$0				
Budget Level	**$120**	**$240,000**	**2,000**	**$120**	**$240,000**	**2,000**	**$120**	**$240,000**				
	UNIT COST	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**COMMENTS**	**SUBTOTAL BY DISTRICT**	**2016**	
Profit Center	**Estimated Unit Cost ($/foot)**	**Estimated Cost (dollars)**	**Estimated Quantity (feet)**	**Estimated Unit Cost ($/foot)**	**Estimated Cost (dollars)**	**Estimated Quantity (feet)**	**Estimated Unit Cost ($/foot)**	**Estimated Cost (dollars)**	**As Needed (Optional)**	**District**	**Estimated Quantity (feet)**	**Estimated Cost (dollars)**
2602-TN-Chattanooga	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2600-TN-Cap Growth Budget	-	$0
2605-TN-Sequatchie Valley	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2601-TN-Corporate	-	$0
2602-TN-Chattanooga	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2602-TN-Chattanooga	2,000	$220,000
2602-TN-Chattanooga	$120.00	$240,000	2,000	$120.00	$240,000	2,000	$120.00	$240,000		2603-TN-Suck Creek	-	$0
2605-TN-Sequatchie Valley	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2604-TN-Lone Oak	-	$0
	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2605-TN-Sequatchie Valley	-	$0
	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		

MAINS - REPLACED / RESTORED			CURRENT BUSINESS PLAN YEAR - 2016		PRIORITY	2016 TOTAL QTY	2016 AVG UNIT COST	2016 TOTAL COST	2016 REPL RATE	2017 TOTAL QTY	2017 AVG UNIT COST	2017 TOTAL COST	TOTAL QTY
Operating Unit	26-Tennessee		Budget	$830,500	Priority A	0	$0	$0		0	$0	$0	0
Business Plan Year	2016	B	Budget Reserve	$0	Priority B	3,000	$110	$330,000		0	$0	$0	0
Date Prepared	May 12, 2015		Total Budget	$830,500	Priority C	4,550	$110	$500,500		15,600	$115	$1,794,000	20,000
Budget Level	District		Overprogram	$693,000	Total	7,550	$110	$830,500	0.0001	15,600	$115	$1,794,000	20,000

PROJECT INFORMATION								UNITS	UNIT COST	PROJ. COST	REPL RATE	UNITS	UNIT COST	PROJ. COST	UNITS
Profit Center	Budget Budget Reserve Overprogram	2014 Total Pipe in District (feet)	2014 Break Rate (breaks / mile)	2014 NRW (10,000 gal/day/mile)	Estimated No. of Services	Justification	Priority	Estimated Quantity (feet)	Estimated Unit Cost ($/foot)	Estimated Cost (dollars)	Replacement Rate (%)	Estimated Quantity (feet)	Estimated Unit Cost ($/foot)	Estimated Cost (dollars)	Estimated Quantity (feet)
2602-TN-Chattanooga	Budget	6,711,408	?	?	28	Proactive replacement based on performance of similar cohorts	Priority C	1,800	$110.00	$198,000	0.00027	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	6,711,408	?	?	33	Coordination with others (e.g., road is being repaved)	Priority B	1,100	$110.00	$121,000	0.00016	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	6,711,408	?	?	62	Coordination with others (e.g., road is being repaved)	Priority B	1,900	$110.00	$209,000	0.00028	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	6,711,408	?	?	5	Proactive replacement based on performance of similar cohorts	Priority C	300	$110.00	$33,000	0.00004	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	6,711,408	?	?	12	Proactive replacement based on performance of similar cohorts	Priority C	1,500	$110.00	$165,000	0.00022	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	6,711,408	?	?	15	Proactive replacement based on performance of similar cohorts	Priority C	800	$110.00	$88,000	0.00012	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	6,711,408	?	?	5	Proactive replacement based on performance of similar cohorts	Priority C	150	$110.00	$16,500	0.00002	-	$0.00	$0	-
2602-TN-Chattanooga	Overprogram	6,711,408	?	?	18	Proactive replacement based on performance of similar cohorts	Priority C	1,900	$110.00	$209,000	0.00028	-	$0.00	$0	-
2602-TN-Chattanooga	Overprogram	6,711,408	?	?	20	Proactive replacement based on performance of similar cohorts	Priority C	1,800	$110.00	$198,000	0.00027	-	$0.00	$0	-
2602-TN-Chattanooga	Overprogram	6,711,408	?	?	40	Proactive replacement based on performance of similar cohorts	Priority C	2,600	$110.00	$286,000	0.00039	-	$0.00	$0	-
								-	$0.00	$0		-	$0.00	$0	-
2602-TN-Chattanooga	Budget	6,711,408	?	?	31	Proactive replacement based on performance of similar cohorts	Priority C	-	$0.00	$0	0.00000	1,250	$115.00	$143,750	-
2602-TN-Chattanooga	Budget	6,711,408	?	?	35	Proactive replacement based on performance of similar cohorts	Priority C	-	$0.00	$0	0.00000	2,000	$115.00	$230,000	-
2602-TN-Chattanooga	Budget	6,711,408	?	?	10	Proactive replacement based on performance of similar cohorts	Priority C	-	$0.00	$0	0.00000	830	$115.00	$95,450	-
2602-TN-Chattanooga	Budget	6,711,408	?	?	16	Proactive replacement based on performance of similar cohorts	Priority C	-	$0.00	$0	0.00000	2,300	$115.00	$264,500	-
2602-TN-Chattanooga	Budget	6,711,408	?	?	15	Proactive replacement based on performance of similar cohorts	Priority C	-	$0.00	$0	0.00000	1,650	$115.00	$189,750	-
2602-TN-Chattanooga	Budget	6,711,408	?	?	12	Proactive replacement based on performance of similar cohorts	Priority C	-	$0.00	$0	0.00000	520	$115.00	$59,800	-
2602-TN-Chattanooga	Budget	6,711,408	?	?	44	Proactive replacement based on performance of similar cohorts	Priority C	-	$0.00	$0	0.00000	2,000	$115.00	$230,000	-
2602-TN-Chattanooga	Budget	6,711,408	?	?	10	Proactive replacement based on performance of similar cohorts	Priority C	-	$0.00	$0	0.00000	300	$115.00	$34,500	-
2602-TN-Chattanooga	Budget	6,711,408	?	?	38	Proactive replacement based on performance of similar cohorts	Priority C	-	$0.00	$0	0.00000	2,300	$115.00	$264,500	-
2602-TN-Chattanooga	Budget Reserve	6,711,408	?	?	30	Proactive replacement based on performance of similar cohorts	Priority C	-	$0.00	$0	0.00000	1,600	$115.00	$184,000	-
2602-TN-Chattanooga	Budget Reserve	6,711,408	?	?	16	Proactive replacement based on performance of similar cohorts	Priority C	-	$0.00	$0	0.00000	850	$115.00	$97,750	-
								-	$0.00	$0		-	$0.00	$0	-
2602-TN-Chattanooga		6,725,242	0.21	0.00		Proactive replacement based on performance of similar cohorts	Priority C	-	$0.00	$0	0.00000	-	$0.00	$0	20,000
2605-TN-Sequatchie Valley		632,122	0.21	0.00		Proactive replacement based on performance of similar cohorts	Priority C	-	$0.00	$0	0.00000	-	$0.00	$0	-

	2018		2019			2020						
	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST				
Operating Unit	$0	$0	0	$0	$0	0	$0	$0				
Business Plan Year	$0	$0	0	$0	$0	0	$0	$0				
Date Prepared	$120	$2,400,000	25,000	$125	$3,125,000	25,000	$125	$3,125,000				
Budget Level	**$120**	**$2,400,000**	**25,000**	**$125**	**$3,125,000**	**25,000**	**$125**	**$3,125,000**				
	UNIT COST	PROJ. COST	UNITS	UNIT COST	PROJ. COST	UNITS	UNIT COST	PROJ. COST	POTENTIAL FOR REHABILITATION / COMMENTS	SUBTOTAL BY DISTRICT	2016	
Profit Center	Estimated Unit Cost ($/foot)	Estimated Cost (dollars)	Estimated Quantity (feet)	Estimated Unit Cost ($/foot)	Estimated Cost (dollars)	Estimated Quantity (feet)	Estimated Unit Cost ($/foot)	Estimated Cost (dollars)	As Required	District	Estimated Quantity (feet)	Estimated Cost (dollars)
2602-TN-Chattanooga	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2600-TN-Cap Growth Budget	-	$0
2602-TN-Chattanooga	$0.00	$0	-	$0.00	$0	-	$0.00	$0				
2602-TN-Chattanooga	$0.00	$0	-	$0.00	$0	-	$0.00	$0				
2602-TN-Chattanooga	$0.00	$0	-	$0.00	$0	-	$0.00	$0				
2602-TN-Chattanooga	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2601-TN-Corporate	-	$0
2602-TN-Chattanooga	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2602-TN-Chattanooga	7,550	$830,500
2602-TN-Chattanooga	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2603-TN-Suck Creek	-	$0
2602-TN-Chattanooga	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2604-TN-Lone Oak	-	$0
2602-TN-Chattanooga	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2605-TN-Sequatchie Valley	-	$0
2602-TN-Chattanooga	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
2602-TN-Chattanooga	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
2602-TN-Chattanooga	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
2602-TN-Chattanooga	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
2602-TN-Chattanooga	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
2602-TN-Chattanooga	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
2602-TN-Chattanooga	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
2602-TN-Chattanooga	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
2602-TN-Chattanooga	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
2602-TN-Chattanooga	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
2602-TN-Chattanooga	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
2602-TN-Chattanooga	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		
2602-TN-Chattanooga	$120.00	$2,400,000	25,000	$125.00	$3,125,000	25,000	$125.00	$3,125,000		0		
2605-TN-Sequatchie Valley	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0		

MAINS - UNSCHEDULED			CURRENT BUSINESS PLAN YEAR - 2016		PRIORITY	2016 TOTAL COST	2017 TOTAL COST	2018 TOTAL COST	2019 TOTAL COST	2020 TOTAL COST
Operating Unit	26-Tennessee	**C**	**Budget**	$920,000	Priority A	$920,000	$950,000	$950,000	$1,000,000	$1,000,000
Business Plan Year	2016		**Budget Reserve**	$0						
Date Prepared	May 12, 2015		**Total Budget**	**$920,000**						
Budget Level	District				**Total**	**$920,000**	**$950,000**	**$950,000**	**$1,000,000**	**$1,000,000**
PROJECT INFORMATION						**2016**	**2017**	**2018**	**2019**	**2020**
Profit Center	**Budget Budget Reserve**	**Line C Actual 2012 (dollars)**	**Line C Actual 2013 (dollars)**	**Line C Actual 2014 (dollars)**	**Priority**	**Estimated Cost (dollars)**	**Estimated Cost (dollars)**	**Estimated Cost (dollars)**	**Estimated Cost (dollars)**	**Estimated Cost (dollars)**
2602-TN-Chattanooga	Budget	547,959	1,404,032	887,905	Priority A	$865,000	$895,000	$895,000	$945,000	$945,000
2603-TN-Suck Creek	Budget			2,834		$5,000	$5,000	$5,000	$5,000	$5,000
2604-TN-Lone Oak	Budget			0		$0	$0	$0	$0	$0
2605-TN-Sequatchie Valley	Budget			98,349		$50,000	$50,000	$50,000	$50,000	$50,000
						$0	$0	$0	$0	$0
						$0	$0	$0	$0	$0

MA							
Operating Unit							
Business Plan Year							
Date Prepared							
Budget Level							
COMMENTS		SUBTOTAL BY DISTRICT	2016	2017	2018	2019	2020
Profit Center	As Needed (Optional)	District	Estimated Cost (dollars)	Estimated Cost (dollars)	Estimated Cost (dollars)	Estimated Cost (dollars)	Estimated Cost (dollars)
2602-TN-Chattanooga	Since 2012 an emphsis has been to replace sections rather repairing to limit return visits	2600-TN-Cap Growth Budget	$0	$0	$0	$0	$0
2603-TN-Suck Creek		2601-TN-Corporate	$0	$0	$0	$0	$0
2604-TN-Lone Oak		2602-TN-Chattanooga	$865,000	$895,000	$895,000	$945,000	$945,000
2605-TN-Sequatchie Valley		2603-TN-Suck Creek	$5,000	$5,000	$5,000	$5,000	$5,000
		2604-TN-Lone Oak	$0	$0	$0	$0	$0
		2605-TN-Sequatchie Valley	$50,000	$50,000	$50,000	$50,000	$50,000

MAINS - RELOCATED				CURRENT BUSINESS PLAN YEAR - 2016		PRIORITY	2016 TOTAL QTY	2016 AVG UNIT COST	2016 TOTAL COST	2017 TOTAL QTY	2017 AVG UNIT COST
Operating Unit	26-Tennessee	**D**		**Budget**	$150,000	Priority A	0	$0	$0	0	$0
Business Plan Year	2016			**Budget Reserve**	$100,000	Priority B	0	$0	$0	0	$0
Date Prepared	May 12, 2015			**Total Budget**	**$250,000**	Priority C	2,000	$125	$250,000	2,800	$125
Budget Level	Project			**Overprogram**	$0	**Total**	**2,000**	**$125**	**$250,000**	**2,800**	**$125**
PROJECT INFORMATION							**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT 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 ($/foot)	Estimated Cost (dollars)	Estimated Quantity (feet)	Estimated Unit Cost ($/foot)
2602-TN-Chattanooga	Budget	Misc - Chattanooga Road Way Improvements	8"	25	Project is speculative	Priority C	1,200	$125.00	$150,000	-	$0.00
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
2602-TN-Chattanooga	Budget	Misc - Chattanooga Road Way Improvements	8"		Project is speculative	Priority C	-	$0.00	$0	2,000	$125.00
2602-TN-Chattanooga	Budget Reserve	Misc. - Tennessee DOT Road Way Improvements	8"		Project is speculative	Priority C	-	$0.00	$0	800	$125.00
							-	$0.00	$0	-	$0.00
							-	$0.00	$0	-	$0.00
							-	$0.00	$0	-	$0.00
							-	$0.00	$0	-	$0.00
							-	$0.00	$0	-	$0.00
							-	$0.00	$0	-	$0.00
							-	$0.00	$0	-	$0.00
							-	$0.00	$0	-	$0.00
							-	$0.00	$0	-	$0.00
							-	$0.00	$0	-	$0.00

	TOTAL COST	2018 TOTAL QTY	2018 AVG UNIT COST	2018 TOTAL COST	2019 TOTAL QTY	2019 AVG UNIT COST	2019 TOTAL COST	2020 TOTAL QTY	2020 AVG UNIT COST	2020 TOTAL COST		
Operating Unit	$0	0	$0	$0	0	$0	$0	0	$0	$0		
Business Plan Year	$0	0	$0	$0	0	$0	$0	0	$0	$0		
Date Prepared	$350,000	3,000	$135	$405,000	3,000	$135	$405,000	3,000	$145	$435,000		
Budget Level	**$350,000**	**3,000**	**$135**	**$405,000**	**3,000**	**$135**	**$405,000**	**3,000**	**$145**	**$435,000**		
	PROJ. COST	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**COMMENTS**	**SUBTOTAL BY DISTRICT**
Profit Center	**Estimated Cost (dollars)**	**Estimated Quantity (feet)**	**Estimated Unit Cost ($/foot)**	**Estimated Cost (dollars)**	**Estimated Quantity (feet)**	**Estimated Unit Cost ($/foot)**	**Estimated Cost (dollars)**	**Estimated Quantity (feet)**	**Estimated Unit Cost ($/foot)**	**Estimated Cost (dollars)**	**As Needed (Optional)**	**District**
2602-TN-Chattanooga	$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2600-TN-Cap Growth Budget
2602-TN-Chattanooga	$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2601-TN-Corporate
2602-TN-Chattanooga	$250,000	2,000	$135.00	$270,000	2,000	$135.00	$270,000	2,000	$145.00	$290,000		2602-TN-Chattanooga
2602-TN-Chattanooga	$100,000	1,000	$135.00	$135,000	1,000	$135.00	$135,000	1,000	$145.00	$145,000		2603-TN-Suck Creek
	$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2604-TN-Lone Oak
	$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2605-TN-Sequatchie Valley
	$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0
	$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0
	$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0
	$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0
	$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0
	$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0
	$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0
	$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0

Operating Unit														
Business Plan Year														
Date Prepared														
Budget Level														
	2016		**2017**			**2018**			**2019**			**2020**		
Profit Center	**Estimated Quantity (feet)**	**Estimated Cost (dollars)**	**Estimated Quantity (feet)**	**Estimated Unit Cost ($/foot)**	**Estimated Cost (dollars)**	**Estimated Quantity (feet)**	**Estimated Unit Cost ($/foot)**	**Estimated Cost (dollars)**	**Estimated Quantity (feet)**	**Estimated Unit Cost ($/foot)**	**Estimated Cost (dollars)**	**Estimated Quantity (feet)**	**Estimated Unit Cost ($/foot)**	**Estimated Cost (dollars)**
2602-TN-Chattanooga	-	$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
2602-TN-Chattanooga	-	$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
2602-TN-Chattanooga	2,000	$250,000	2,800	$250	$350,000	3,000	$270	$405,000	3,000	$270	$405,000	3,000	$290	$435,000
2602-TN-Chattanooga	-	$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

HYDRANTS, VALVES and MANHOLES - NEW			CURRENT BUSINESS PLAN YEAR - 2016		PRIORITY	2016 TOTAL QTY	2016 AVG UNIT COST	2016 TOTAL COST	2017 TOTAL QTY	2017 AVG UNIT COST	2017 TOTAL COST
Operating Unit	26-Tennessee	**E**	**Budget**	$50,000	Priority A	0	$0	$0	0	$0	$0
Business Plan Year	2016		**Budget Reserve**	$0	Priority B	0	$0	$0	0	$0	$0
Date Prepared	May 12, 2015		**Total Budget**	**$50,000**	Priority C	23	$2,174	$50,000	24	$2,363	$56,700
Budget Level	District		**Overprogram**	$0	**Total**	**23**	**$2,174**	**$50,000**	**24**	**$2,363**	**$56,700**
PROJECT INFORMATION						**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**
Profit Center	**Budget Budget Reserve Overprogram**	**Hydrant, Valve OR Manhole**	**Justification**		**Priority**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**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	13	$3,000.00	$39,000	-	$0.00	$0
2602-TN-Chattanooga	Budget	Valve(s)	Proactive improvement resulting in future improvement to operations		Priority C	7	$1,000.00	$7,000	-	$0.00	$0
2605-TN-Sequatchie Valley	Budget	Hydrant(s)	Proactive improvement resulting in future improvement to operations		Priority C	1	$2,500.00	$2,500	-	$0.00	$0
2605-TN-Sequatchie Valley	Budget	Valve(s)	Proactive improvement resulting in future improvement to operations		Priority C	2	$750.00	$1,500	-	$0.00	$0
2602-TN-Chattanooga	Budget	Hydrant(s)	Proactive improvement resulting in future improvement to operations		Priority C	-	$0.00	$0	15	$3,000.00	$45,000
2602-TN-Chattanooga	Budget	Valve(s)	Proactive improvement resulting in future improvement to operations		Priority C	-	$0.00	$0	6	$1,000.00	$6,000
2605-TN-Sequatchie Valley	Budget	Hydrant(s)	Proactive improvement resulting in future improvement to operations		Priority C	-	$0.00	$0	2	$2,500.00	$5,000
2605-TN-Sequatchie Valley	Budget	Valve(s)	Proactive improvement resulting in future improvement to operations		Priority C	-	$0.00	$0	1	$700.00	$700
2602-TN-Chattanooga	Budget	Hydrant(s)	Proactive improvement resulting in future improvement to operations		Priority C	-	$0.00	$0	-	$0.00	$0
2602-TN-Chattanooga	Budget	Valve(s)	Proactive improvement resulting in future improvement to operations		Priority C	-	$0.00	$0	-	$0.00	$0
2605-TN-Sequatchie Valley	Budget	Hydrant(s)	Proactive improvement resulting in future improvement to operations		Priority C	-	$0.00	$0	-	$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

2018			2019			2020					
TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST			
0	$0	$0	0	$0	$0	0	$0	$0			
0	$0	$0	0	$0	$0	0	$0	$0			
32	$2,475	$79,200	32	$2,475	$79,200	32	$2,475	$79,200			
32	**$2,475**	**$79,200**	**32**	**$2,475**	**$79,200**	**32**	**$2,475**	**$79,200**			
UNITS	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**COMMENTS**	**SUBTOTAL BY DISTRICT**	**20**
Estimated Quantity (each)	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**As Needed (Optional)**	**District**	**Estimated Quantity (each)**
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2600-TN-Cap Growth Budget	-
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2601-TN-Corporate	-
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2602-TN-Chattanooga	20
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2603-TN-Suck Creek	-
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2604-TN-Lone Oak	-
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2605-TN-Sequatchie Valley	3
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0	
20	$3,000.00	$60,000	20	$3,000.00	$60,000	20	$3,000.00	$60,000		0	
6	$1,000.00	$6,000	6	$1,000.00	$6,000	6	$1,000.00	$6,000		0	
5	$2,500.00	$12,500	5	$2,500.00	$12,500	5	$2,500.00	$12,500		0	
1	$700.00	$700	1	$700.00	$700	1	$700.00	$700		0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0	

16	**2017**			**2018**			**2019**			**2020**		
Estimated Cost (dollars)	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**
$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
$46,000	21	$4,000	$51,000	26	$4,000	$66,000	26	$4,000	$66,000	26	$4,000	$66,000
$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
$4,000	3	$3,200	$5,700	6	$3,200	$13,200	6	$3,200	$13,200	6	$3,200	$13,200

HYDRANTS, VALVES and MANHOLES - REPLACED		CURRENT BUSINESS PLAN YEAR - 2016		PRIORITY	2016			2017		
					TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST
Operating Unit	26-Tennessee	**F**	**Budget** $270,000	Priority A	26	$5,577	$145,000	31	$5,161	$160,000
Business Plan Year	2016		**Budget Reserve** $0	Priority B	10	$12,500	$125,000	18	$11,944	$215,000
Date Prepared	May 12, 2015		**Total Budget** **$270,000**	Priority C	0	$0	$0	0	$0	$0
Budget Level	District		**Overprogram** $0	**Total**	**36**	**$7,500**	**$270,000**	**49**	**$7,653**	**$375,000**
PROJECT INFORMATION					**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**

Profit Center	Budget Budget Reserve Overprogram	Hydrant, Valve OR Manhole	Justification	Priority	Estimated Quantity (each)	Estimated Unit Cost ($/unit)	Estimated Cost (dollars)	Estimated Quantity (each)	Estimated Unit Cost ($/unit)	Estimated Cost (dollars)
2602-TN-Chattanooga	Budget	Valve(s)	Physically fails, not repairable, or in imminent danger of failure	Priority A	4	$20,000.00	$80,000	-	$0.00	$0
2602-TN-Chattanooga	Budget	Valve(s)	Poor condition and spare parts no longer available	Priority B	5	$20,000.00	$100,000	-	$0.00	$0
2602-TN-Chattanooga	Budget	Hydrant(s)	Physically fails, not repairable, or in imminent danger of failure	Priority A	20	$3,000.00	$60,000	-	$0.00	$0
2602-TN-Chattanooga	Budget	Hydrant(s)	Poor condition and spare parts no longer available	Priority B	4	$2,500.00	$10,000	-	$0.00	$0
2605-TN-Sequatchie Valley	Budget	Valve(s)	Physically fails, not repairable, or in imminent danger of failure	Priority A	-	$15,000.00	$0	-	$0.00	$0
2605-TN-Sequatchie Valley	Budget	Valve(s)	Poor condition and spare parts no longer available	Priority B	1	$15,000.00	$15,000	-	$0.00	$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	-	$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
2602-TN-Chattanooga	Budget	Valve(s)	Physically fails, not repairable, or in imminent danger of failure	Priority A	-	$0.00	$0	4	$20,000.00	$80,000
2602-TN-Chattanooga	Budget	Valve(s)	Poor condition and spare parts no longer available	Priority B	-	$0.00	$0	9	$20,000.00	$180,000
2602-TN-Chattanooga	Budget	Hydrant(s)	Physically fails, not repairable, or in imminent danger of failure	Priority A	-	$0.00	$0	25	$3,000.00	$75,000
2602-TN-Chattanooga	Budget	Hydrant(s)	Poor condition and spare parts no longer available	Priority B	-	$0.00	$0	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	-	$0.00	$0		$15,000.00	$0
2605-TN-Sequatchie Valley	Budget	Valve(s)	Poor condition and spare parts no longer available	Priority B	-	$0.00	$0	1	$15,000.00	$15,000
2605-TN-Sequatchie Valley	Budget	Hydrant(s)	Physically fails, not repairable, or in imminent danger of failure	Priority A	-	$0.00	$0	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	-	$0.00	$0
2602-TN-Chattanooga	Budget	Valve(s)	Physically fails, not repairable, or in imminent danger of failure	Priority A	-	$0.00	$0	-	$0.00	$0
2602-TN-Chattanooga	Budget	Valve(s)	Poor condition and spare parts no longer available	Priority B	-	$0.00	$0	-	$0.00	$0
2602-TN-Chattanooga	Budget	Hydrant(s)	Physically fails, not repairable, or in imminent danger of failure	Priority A	-	$0.00	$0	-	$0.00	$0
2602-TN-Chattanooga	Budget	Hydrant(s)	Poor condition and spare parts no longer available	Priority B	-	$0.00	$0	-	$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	-	$0.00	$0
2605-TN-Sequatchie Valley	Budget	Valve(s)	Poor condition and spare parts no longer available	Priority B	-	$0.00	$0	-	$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	-	$0.00	$0

2018			2019			2020					
TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST			
31	$6,008	$186,250	31	$6,008	$186,250	31	$6,008	$186,250			
20	$15,200	$304,000	20	$15,200	$304,000	20	$15,200	$304,000			
0	$0	$0	0	$0	$0	0	$0	$0			
51	**$9,613**	**$490,250**	**51**	**$9,613**	**$490,250**	**51**	**$9,613**	**$490,250**			
UNITS	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**COMMENTS**	**SUBTOTAL BY DISTRICT**	**20**
Estimated Quantity (each)	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**As Needed (Optional)**	**District**	**Estimated Quantity (each)**
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2600-TN-Cap Growth Budget	-
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2601-TN-Corporate	-
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2602-TN-Chattanooga	33
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2603-TN-Suck Creek	-
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2604-TN-Lone Oak	-
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2605-TN-Sequatchie Valley	3
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0	
4	$25,000.00	$100,000	4	$25,000.00	$100,000	4	$25,000.00	$100,000		0	
10	$25,000.00	$250,000	10	$25,000.00	$250,000	10	$25,000.00	$250,000		0	
25	$3,250.00	$81,250	25	$3,250.00	$81,250	25	$3,250.00	$81,250		0	
8	$3,000.00	$24,000	8	$3,000.00	$24,000	8	$3,000.00	$24,000		0	
	$15,000.00	$0		$15,000.00	$0		$15,000.00	$0		0	
2	$15,000.00	$30,000	2	$15,000.00	$30,000	2	$15,000.00	$30,000		0	
2	$2,500.00	$5,000	2	$2,500.00	$5,000	2	$2,500.00	$5,000		0	

16	2017			2018			2019			2020		
Estimated Cost (dollars)	Estimated Quantity (each)	Estimated Unit Cost ($/unit)	Estimated Cost (dollars)	Estimated Quantity (each)	Estimated Unit Cost ($/unit)	Estimated Cost (dollars)	Estimated Quantity (each)	Estimated Unit Cost ($/unit)	Estimated Cost (dollars)	Estimated Quantity (each)	Estimated Unit Cost ($/unit)	Estimated Cost (dollars)
$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
$250,000	46	$45,500	$355,000	47	$56,250	$455,250	47	$56,250	$455,250	47	$56,250	$455,250
$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
$20,000	3	$32,500	$20,000	4	$32,500	$35,000	4	$32,500	$35,000	4	$32,500	$35,000

SERVICES and LATERALS - NEW			CURRENT BUSINESS PLAN YEAR - 2016		PRIORITY	2016 TOTAL QTY	2016 AVG UNIT COST	2016 TOTAL COST	2017 TOTAL QTY	2017 AVG UNIT COST	2017 TOTAL COST
Operating Unit	26-Tennessee	**G**	**Budget**	$521,800	Priority A	505	$1,033	$521,800	525	$1,040	$545,800
Business Plan Year	2016		**Budget Reserve**	$0	Priority B	0	$0	$0	0	$0	$0
Date Prepared	May 12, 2015		**Total Budget**	**$521,800**	Priority C	0	$0	$0	0	$0	$0
Budget Level	District		**Overprogram**	$0	**Total**	**505**	**$1,033**	**$521,800**	**525**	**$1,040**	**$545,800**
PROJECT INFORMATION						**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**
Profit Center	**Budget Budget Reserve Overprogram**	**Service OR Lateral**	**Justification**		**Priority**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**
2602-TN-Chattanooga	Budget	Service(s)	Residential - new growth		Priority A	500	$1,033.60	$516,800	-	$0.00	$0
2605-TN-Sequatchie Valley	Budget	Service(s)	Residential - new growth		Priority A	5	$1,000.00	$5,000	-	$0.00	$0
2602-TN-Chattanooga	Budget	Service(s)	Residential - new growth		Priority A	-	$0.00	$0	520	$1,040.00	$540,800
2605-TN-Sequatchie Valley	Budget	Service(s)	Residential - new growth		Priority A	-	$0.00	$0	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

2018			2019			2020					
TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST			
545	$1,050	$572,000	565	$1,050	$593,000	585	$1,059	$619,800			
0	$0	$0	0	$0	$0	0	$0	$0			
0	$0	$0	0	$0	$0	0	$0	$0			
545	**$1,050**	**$572,000**	**565**	**$1,050**	**$593,000**	**585**	**$1,059**	**$619,800**			
UNITS	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**COMMENTS**	**SUBTOTAL BY DISTRICT**	**20**
Estimated Quantity (each)	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**As Needed (Optional)**	**District**	**Estimated Quantity (each)**
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2600-TN-Cap Growth Budget	-
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2601-TN-Corporate	-
540	$1,050.00	$567,000	560	$1,050.00	$588,000	580	$1,060.00	$614,800		2602-TN-Chattanooga	500
5	$1,000.00	$5,000	5	$1,000.00	$5,000	5	$1,000.00	$5,000		2603-TN-Suck Creek	-
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2604-TN-Lone Oak	-
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2605-TN-Sequatchie Valley	5
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0	

16	**2017**			**2018**			**2019**			**2020**		
Estimated Cost (dollars)	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**
$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
$516,800	520	$1,040	$540,800	540	$1,050	$567,000	560	$1,050	$588,000	580	$1,060	$614,800
$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
$5,000	5	$1,000	$5,000	5	$1,000	$5,000	5	$1,000	$5,000	5	$1,000	$5,000

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SERVICES and LATERALS - REPLACED			CURRENT BUSINESS PLAN YEAR - 2016		PRIORITY	2016 TOTAL QTY	2016 AVG UNIT COST	2016 TOTAL COST	2017 TOTAL QTY	2017 AVG UNIT COST	2017 TOTAL COST
Operating Unit	26-Tennessee	**H**	**Budget**	$250,000	Priority A	119	$2,101	$250,000	184	$2,188	$402,500
Business Plan Year	2016		**Budget Reserve**	$0	Priority B	0	$0	$0	0	$0	$0
Date Prepared	May 12, 2015		**Total Budget**	**$250,000**	Priority C	0	$0	$0	0	$0	$0
Budget Level	District		**Overprogram**	$0	**Total**	**119**	**$2,101**	**$250,000**	**184**	**$2,188**	**$402,500**
PROJECT INFORMATION						**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**
Profit Center	**Budget Budget Reserve Overprogram**	**Service OR Lateral**	**Justification**		**Priority**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**
2602-TN-Chattanooga	Budget	Service(s)	Damaged or physically fails		Priority A	60	$1,000.00	$60,000	-	$0.00	$0
2602-TN-Chattanooga	Budget	Service(s)	Damaged or physically fails		Priority A	50	$3,500.00	$175,000	-	$0.00	$0
2605-TN-Sequatchie Valley	Budget	Service(s)	Damaged or physically fails		Priority A	5	$1,000.00	$5,000	-	$0.00	$0
2605-TN-Sequatchie Valley	Budget	Service(s)	Damaged or physically fails		Priority A	4	$2,500.00	$10,000	-	$0.00	$0
2602-TN-Chattanooga	Budget	Service(s)	Damaged or physically fails		Priority A	-	$0.00	$0	100	$1,250.00	$125,000
2602-TN-Chattanooga	Budget	Service(s)	Damaged or physically fails		Priority A	-	$0.00	$0	75	$3,500.00	$262,500
2605-TN-Sequatchie Valley	Budget	Service(s)	Damaged or physically fails		Priority A	-	$0.00	$0	5	$1,000.00	$5,000
2605-TN-Sequatchie Valley	Budget	Service(s)	Damaged or physically fails		Priority A	-	$0.00	$0	4	$2,500.00	$10,000
						-	$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

2018			2019			2020					
TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST			
219	$2,140	$468,750	224	$2,121	$475,000	224	$2,121	$475,000			
0	$0	$0	0	$0	$0	0	$0	$0			
0	$0	$0	0	$0	$0	0	$0	$0			
219	**$2,140**	**$468,750**	**224**	**$2,121**	**$475,000**	**224**	**$2,121**	**$475,000**			
UNITS	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**COMMENTS**	**SUBTOTAL BY DISTRICT**	**20**
Estimated Quantity (each)	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**As Needed (Optional)**	**District**	**Estimated Quantity (each)**
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2600-TN-Cap Growth Budget	-
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2601-TN-Corporate	-
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2602-TN-Chattanooga	110
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		2603-TN-Suck Creek	-
125	$1,250.00	$156,250	130	$1,250.00	$162,500	130	$1,250.00	$162,500		2604-TN-Lone Oak	-
85	$3,500.00	$297,500	85	$3,500.00	$297,500	85	$3,500.00	$297,500		2605-TN-Sequatchie Valley	9
5	$1,000.00	$5,000	5	$1,000.00	$5,000	5	$1,000.00	$5,000		0	
4	$2,500.00	$10,000	4	$2,500.00	$10,000	4	$2,500.00	$10,000		0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0		0	

16	**2017**			**2018**			**2019**			**2020**		
Estimated Cost (dollars)	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**
$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
$235,000	175	$4,750	$387,500	210	$4,750	$453,750	215	$4,750	$460,000	215	$4,750	$460,000
$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
$15,000	9	$3,500	$15,000	9	$3,500	$15,000	9	$3,500	$15,000	9	$3,500	$15,000

METERS - NEW			CURRENT BUSINESS PLAN YEAR - 2016		PRIORITY	2016 TOTAL QTY	2016 AVG UNIT COST	2016 TOTAL COST	2017 TOTAL QTY	2017 AVG UNIT COST	2017 TOTAL COST	TOTAL QTY
Operating Unit	26-Tennessee		**Budget**	$194,900	Priority A	520	$375	$194,900	545	$380	$206,900	560
Business Plan Year	2016		**Budget Reserve**	$0	Priority B	0	$0	$0	0	$0	$0	0
Date Prepared	May 12, 2015		**Total Budget**	**$194,900**	Priority C	0	$0	$0	0	$0	$0	0
Budget Level	District		**Overprogram**	$0	**Total**	**520**	**$375**	**$194,900**	**545**	**$380**	**$206,900**	**560**
PROJECT INFORMATION						**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**
Profit Center	**Budget Budget Reserve Overprogram**	**Meter Type**	**Diameter (inches)**	**Justification**	**Priority**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**
2602-TN-Chattanooga	Budget	Residential	5/8" x 3/4"	Provide service to new customers	Priority A	500	$375.00	$187,500	-	$0.00	$0	-
2605-TN-Sequatchie Valley	Budget	Residential	5/8" x 3/4"	Provide service to new customers	Priority A	20	$370.00	$7,400	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	Residential	5/8" x 3/4"	Provide service to new customers	Priority A	-	$0.00	$0	525	$380.00	$199,500	540
2605-TN-Sequatchie Valley	Budget	Residential	5/8" x 3/4"	Provide service to new customers	Priority A	-	$0.00	$0	20	$370.00	$7,400	20
						-	$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	-

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2018		2019			2020					
AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST			
$380	$212,600	575	$380	$218,250	595	$380	$225,850			
$0	$0	0	$0	$0	0	$0	$0			
$0	$0	0	$0	$0	0	$0	$0			
$380	**$212,600**	**575**	**$380**	**$218,250**	**595**	**$380**	**$225,850**			
UNIT COST	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**COMMENTS**	**SUBTOTAL BY DISTRICT**	**20**
Estimated Unit Cost ($/unit)	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**As Needed (Optional)**	**District**	**Estimated Quantity (each)**
$0.00	$0	-	$0.00	$0	-	$0.00	$0		2600-TN-Cap Growth Budget	-
$0.00	$0	-	$0.00	$0	-	$0.00	$0		2601-TN-Corporate	-
$380.00	$205,200	550	$380.00	$209,000	570	$380.00	$216,600		2602-TN-Chattanooga	500
$370.00	$7,400	25	$370.00	$9,250	25	$370.00	$9,250		2603-TN-Suck Creek	-
$0.00	$0	-	$0.00	$0	-	$0.00	$0		2604-TN-Lone Oak	-
$0.00	$0	-	$0.00	$0	-	$0.00	$0		2605-TN-Sequatchie Valley	20
$0.00	$0	-	$0.00	$0	-	$0.00	$0		0	
$0.00	$0	-	$0.00	$0	-	$0.00	$0		0	
$0.00	$0	-	$0.00	$0	-	$0.00	$0		0	
$0.00	$0	-	$0.00	$0	-	$0.00	$0		0	
$0.00	$0	-	$0.00	$0	-	$0.00	$0		0	
$0.00	$0	-	$0.00	$0	-	$0.00	$0		0	
$0.00	$0	-	$0.00	$0	-	$0.00	$0		0	
$0.00	$0	-	$0.00	$0	-	$0.00	$0		0	

16		**2017**			**2018**			**2019**			**2020**	
Estimated Cost (dollars)	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**
$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
$187,500	525	$380	$199,500	540	$380	$205,200	550	$380	$209,000	570	$380	$216,600
$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
$7,400	20	$370	$7,400	20	$370	$7,400	25	$370	$9,250	25	$370	$9,250

METERS - REPLACED			CURRENT BUSINESS PLAN YEAR - 2016		PRIORITY	2016 TOTAL QTY	2016 AVG UNIT COST	2016 TOTAL COST	TOTAL QTY
Operating Unit	26-Tennessee	**J**	**Budget**	$753,930	Priority A	5,000	$151	$753,930	10,000
Business Plan Year	2016		**Budget Reserve**	$0	Priority B	0	$0	$0	0
Date Prepared	May 12, 2015		**Total Budget**	**$753,930**	Priority C	0	$0	$0	0
Budget Level	District		**Overprogram**	$0	**Total**	**5,000**	**$151**	**$753,930**	**10,000**

PROJECT INFORMATION						UNITS	UNIT COST	PROJ. COST	UNITS
Profit Center	**Budget Budget Reserve Overprogram**	**Meter Type**	**Diameter (inches)**	**Justification**	**Priority**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**
2602-TN-Chattanooga	Budget		5/8"	Required to comply with regulations	Priority A	4,265	$125.00	$533,125	9,265
2602-TN-Chattanooga	Budget		3/4"	Required to comply with regulations	Priority A	50	$167.00	$8,350	50
2602-TN-Chattanooga	Budget		1"	Required to comply with regulations	Priority A	250	$200.00	$50,000	250
2602-TN-Chattanooga	Budget		1-1/2"	Required to comply with regulations	Priority A	125	$325.00	$40,625	125
2602-TN-Chattanooga	Budget		2"	Required to comply with regulations	Priority A	310	$393.00	$121,830	310
						-	$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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2017		2018			2019			2020			
AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	
$138	$1,378,930	10,000	$138	$1,378,930	10,000	$138	$1,378,930	9,821	$135	$1,330,733	
$0	$0	0	$0	$0	0	$0	$0	0	$0	$0	
$0	$0	0	$0	$0	0	$0	$0	0	$0	$0	
$138	**$1,378,930**	**10,000**	**$138**	**$1,378,930**	**10,000**	**$138**	**$1,378,930**	**9,821**	**$135**	**$1,330,733**	
UNIT COST	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**COMMENTS**
Estimated Unit Cost ($/unit)	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**As Needed (Optional)**
$125.00	$1,158,125	9,265	$125.00	$1,158,125	9,265	$125.00	$1,158,125	9,265	$125.00	$1,158,125	
$167.00	$8,350	50	$167.00	$8,350	50	$167.00	$8,350	9	$167.00	$1,503	
$200.00	$50,000	250	$200.00	$50,000	250	$200.00	$50,000	222	$200.00	$44,400	
$325.00	$40,625	125	$325.00	$40,625	125	$325.00	$40,625	15	$325.00	$4,875	
$393.00	$121,830	310	$393.00	$121,830	310	$393.00	$121,830	310	$393.00	$121,830	
$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	-	$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	

SUBTOTAL BY DISTRICT	**2016**		**2017**			**2018**			**2019**		
District	**Estimated Quantity (each)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**
2600-TN-Cap Growth Budget	-	$0	-	$0	$0	-	$0	$0	-	$0	$0
2601-TN-Corporate	-	$0	-	$0	$0	-	$0	$0	-	$0	$0
2602-TN-Chattanooga	5,000	$753,930	10,000	$1,210	$1,378,930	10,000	$1,210	$1,378,930	10,000	$1,210	$1,378,930
2603-TN-Suck Creek	-	$0	-	$0	$0	-	$0	$0	-	$0	$0
2604-TN-Lone Oak	-	$0	-	$0	$0	-	$0	$0	-	$0	$0
2605-TN-Sequatchie Valley	-	$0	-	$0	$0	-	$0	$0	-	$0	$0
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ITS EQUIPMENT and SYSTEMS			CURRENT BUSINESS PLAN YEAR - 2016		PRIORITY	2016 TOTAL QTY	2016 AVG UNIT COST	2016 TOTAL COST	TOTAL QTY
Operating Unit	26-Tennessee	**K**	**Budget**	$1,038,624	Priority A	1	$890,946	$890,946	1
Business Plan Year	2016		**Budget Reserve**	$0	Priority B	35	$4,219	$147,678	111
Date Prepared	May 12, 2015		**Total Budget**	**$1,038,624**	Priority C	0	$0	$0	1
Budget Level	Project		**Overprogram**	$0	**Total**	**36**	**$28,851**	**$1,038,624**	**113**
PROJECT INFORMATION						**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**	**Justification**		**Priority**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**
2602-TN-Chattanooga	Budget	Routers	Has reached the end of its expected life		Priority B	2	$15,539.15	$31,078	-
2602-TN-Chattanooga	Budget	Out-of-Band Devices	Has reached the end of its expected life		Priority B	2	$1,735.80	$3,472	-
2602-TN-Chattanooga	Budget	Cisco WAAS	Has reached the end of its expected life		Priority B	2	$9,570.00	$19,140	-
2602-TN-Chattanooga	Budget	Computers	Has reached the end of its expected life		Priority B	11	$2,613.50	$28,749	22
2602-TN-Chattanooga	Budget	Toughbooks/Tablets	Has reached the end of its expected life		Priority B	12	$3,747.70	$44,972	22
2602-TN-Chattanooga	Budget	Wireless	Has reached the end of its expected life		Priority B	5	$1,578.50	$7,893	-
2602-TN-Chattanooga	Budget	Infrastructure Upgrade	Has reached the end of its expected life		Priority B	1	$12,375.00	$12,375	1
2602-TN-Chattanooga	Budget	Servers	Has reached the end of its expected life		Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	Switches	Has reached the end of its expected life		Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	UPS	Has reached the end of its expected life		Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	Phones	Has reached the end of its expected life		Priority B	-	$0.00	$0	65
2602-TN-Chattanooga	Budget	Video Conferencing	Proactive replacement based on age, condition or new technology		Priority C	-	$0.00	$0	1
2602-TN-Chattanooga	Budget	Printers	Has reached the end of its expected life		Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	MultiFunction Devices	Has reached the end of its expected life		Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	Plotters	Has reached the end of its expected life		Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	Splash TVs	Has reached the end of its expected life		Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	KRONOS	Has reached the end of its expected life		Priority B	-	$0.00	$0	-
						-	$0.00	$0	-
						-	$0.00	$0	-
2605-TN-Sequatchie Valley	Budget	Computers	Has reached the end of its expected life		Priority B	-	$0.00	$0	1
2605-TN-Sequatchie Valley	Budget	Toughbooks/Tablets	Has reached the end of its expected life		Priority B	-	$0.00	$0	-
2605-TN-Sequatchie Valley	Budget	Splash TVs	Has reached the end of its expected life		Priority B	-	$0.00	$0	-
2605-TN-Sequatchie Valley	Budget	Out-of-Band Devices	Has reached the end of its expected life		Priority B	-	$0.00	$0	-
2605-TN-Sequatchie Valley	Budget	Switches	Has reached the end of its expected life		Priority B	-	$0.00	$0	-
2605-TN-Sequatchie Valley	Budget	UPS	Has reached the end of its expected life		Priority B	-	$0.00	$0	-
						-	$0.00	$0	-
						-	$0.00	$0	-
2601-TN-Corporate	Budget	K3 Centrally Sponsored	Equipment needed and currently not supported by the vendor		Priority A	1	$890,946.00	$890,946	1

2017		2018			2019			2020			
AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	
$871,922	$871,922	1	$706,242	$706,242	1	$660,957	$660,957	1	$744,609	$744,609	
$1,760	$195,364	42	$3,446	$144,738	42	$2,999	$125,962	49	$5,258	$257,622	
$18,560	$18,560	1	$9,833	$9,833	1	$18,560	$18,560	0	$0	$0	
$9,609	**$1,085,847**	**44**	**$19,564**	**$860,813**	**44**	**$18,306**	**$805,479**	**50**	**$20,045**	**$1,002,231**	
UNIT COST	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**COMMENTS**
Estimated Unit Cost ($/unit)	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**As Needed (Optional)**
$0.00	$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	2	$1,735.80	$3,472	1	$1,735.80	$1,736	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$2,509.60	$55,211	27	$2,938.83	$79,348	4	$2,596.00	$10,384	4	$3,042.60	$12,170	
$3,747.70	$82,449	8	$3,747.70	$29,982	14	$3,747.70	$52,468	12	$3,747.70	$44,972	
$0.00	$0	-	$0.00	$0	5	$1,578.50	$7,893	-	$0.00	$0	
$12,375.00	$12,375	1	$12,375.00	$12,375	1	$12,375.00	$12,375	1	$12,375.00	$12,375	
$0.00	$0	1	$15,059.00	$15,059	-	$0.00	$0	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	12	$9,748.20	$116,978	
$0.00	$0	4	$1,015.30	$4,061	-	$0.00	$0	9	$1,015.30	$9,138	
$660.93	$42,960	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$18,560.30	$18,560	1	$9,832.90	$9,833	1	$18,560.30	$18,560	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$0.00	$0	1	$3,912.70	$3,913	-	$0.00	$0	7	$6,927.01	$48,489	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	5	$1,863.40	$9,317	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	6	$2,200.00	$13,200	-	$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	
$2,368.30	$2,368	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	4	$3,747.70	$14,991	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	1	$1,863.40	$1,863	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	1	$1,735.80	$1,736	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	1	$9,012.30	$9,012	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	1	$1,015.30	$1,015	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$871,922.00	$871,922	1	$706,242.00	$706,242	1	$660,957.00	$660,957	1	$744,609.00	$744,609	

SUBTOTAL BY DISTRICT	**2016**		**2017**			**2018**			**2019**			**2020**		
District	**Estimated Quantity (each)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**
2600-TN-Cap Growth Budget	-	$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
2601-TN-Corporate	1	$890,946	1	$871,922	$871,922	1	$706,242	$706,242	1	$660,957	$660,957	1	$744,609	$744,609
2602-TN-Chattanooga	35	$147,678	111	$37,854	$211,556	43	$48,881	$154,571	38	$44,657	$127,668	46	$38,592	$245,859
2603-TN-Suck Creek	-	$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
2604-TN-Lone Oak	-	$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
2605-TN-Sequatchie Valley	-	$0	1	$2,368	$2,368	-	$0	$0	5	$5,611	$16,854	3	$11,763	$11,763
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SCADA EQUIPMENT and SYSTEMS			CURRENT BUSINESS PLAN YEAR - 2016		PRIORITY	2016 TOTAL QTY	2016 AVG UNIT COST	2016 TOTAL COST	TOTAL QTY
Operating Unit	26-Tennessee	**L**	**Budget**	$260,000	Priority A	1	$225,000	$225,000	2
Business Plan Year	2016		**Budget Reserve**	$0	Priority B	1	$35,000	$35,000	1
Date Prepared	May 12, 2015		**Total Budget**	**$260,000**	Priority C	0	$0	$0	0
Budget Level	Project		**Overprogram**	$0	**Total**	**2**	**$130,000**	**$260,000**	**3**
PROJECT INFORMATION						**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**	**Justification**		**Priority**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**
2602-TN-Chattanooga	Budget	Replace Remote Booster RTU's	Equipment needed and currently not supported by the vendor		Priority A	1	$225,000.00	$225,000	-
2605-TN-Sequatchie Valley	Budget	Automate Red Hill Booster Station	New equipment that improves productivity		Priority B	1	$35,000.00	$35,000	-
2602-TN-Chattanooga	Budget	Replace Servers/Upgrade Software	Equipment needed and currently not supported by the vendor		Priority A	-	$0.00	$0	1
2603-TN-Suck Creek	Budget	Replace Obsolete RTU's Suck Creek/Upgrade Software	Equipment needed and currently not supported by the vendor		Priority A	-	$0.00	$0	1
2605-TN-Sequatchie Valley	Budget	Plant SCADA Intergration/Spare Server Online	New equipment that improves productivity		Priority B	-	$0.00	$0	1
2602-TN-Chattanooga	Budget	Maintain Software Licenses/Spare Parts	Equipment needed and currently not supported by the vendor		Priority A	-	$0.00	$0	-
2605-TN-Sequatchie Valley	Budget	Automate Filter Operation	New equipment that improves productivity		Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	Relace Node Browsers/Uprgrade Software	Equipment needed and currently not supported by the vendor		Priority A	-	$0.00	$0	-
2605-TN-Sequatchie Valley	Budget	Maintain Licensing/Spare Server	Equipment needed and currently not supported by the vendor		Priority A	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	Upgrade Servers/Browser Nodes 64bit	Equipment needed and currently not supported by the vendor		Priority A	-	$0.00	$0	-
2605-TN-Sequatchie Valley	Budget	Upgrade Servers/ 64 bit	Equipment needed and currently not supported by the vendor		Priority A	-	$0.00	$0	-
						-	$0.00	$0	-
						-	$0.00	$0	-
						-	$0.00	$0	-

2017		2018			2019			2020			
AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	
$55,000	$110,000	1	$65,000	$65,000	2	$30,000	$60,000	2	$42,500	$85,000	
$30,000	$30,000	1	$35,000	$35,000	0	$0	$0	0	$0	$0	
$0	$0	0	$0	$0	0	$0	$0	0	$0	$0	
$46,667	**$140,000**	**2**	**$50,000**	**$100,000**	**2**	**$30,000**	**$60,000**	**2**	**$42,500**	**$85,000**	
UNIT COST	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**COMMENTS**
Estimated Unit Cost ($/unit)	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**As Needed (Optional)**
$0.00	$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$60,000.00	$60,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$50,000.00	$50,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$30,000.00	$30,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$0.00	$0	1	$65,000.00	$65,000	-	$0.00	$0	-	$0.00	$0	
$0.00	$0	1	$35,000.00	$35,000	-	$0.00	$0	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	1	$40,000.00	$40,000	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	1	$20,000.00	$20,000	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	1	$60,000.00	$60,000	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	1	$25,000.00	$25,000	
$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	

SUBTOTAL BY DISTRICT	**2016**		**2017**			**2018**			**2019**			**2020**		
District	**Estimated Quantity (each)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**
2600-TN-Cap Growth Budget	-	$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
2601-TN-Corporate	-	$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
2602-TN-Chattanooga	1	$225,000	1	$60,000	$60,000	1	$65,000	$65,000	1	$40,000	$40,000	1	$60,000	$60,000
2603-TN-Suck Creek	-	$0	1	$50,000	$50,000	-	$0	$0	-	$0	$0	-	$0	$0
2604-TN-Lone Oak	-	$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
2605-TN-Sequatchie Valley	1	$35,000	1	$30,000	$30,000	1	$35,000	$35,000	1	$20,000	$20,000	1	$25,000	$25,000
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SECURITY EQUIPMENT and SYSTEMS			CURRENT BUSINESS PLAN YEAR - 2016		PRIORITY	2016 TOTAL QTY	2016 AVG UNIT COST	2016 TOTAL COST	TOTAL QTY
Operating Unit	26-Tennessee	**M**	**Budget**	$200,000	Priority A	6	$33,333	$200,000	1
Business Plan Year	2016		**Budget Reserve**	$0	Priority B	0	$0	$0	0
Date Prepared	May 12, 2015		**Total Budget**	**$200,000**	Priority C	0	$0	$0	0
Budget Level	Project		**Overprogram**	$0	**Total**	**6**	**$33,333**	**$200,000**	**1**
PROJECT INFORMATION						**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**		**Justification**	**Priority**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**
2602-TN-Chattanooga	Budget	Citico Plant #2 Camera upgrades and additions		Minimum level of health and safety risk reduction not in place	Priority A	1	$75,000.00	$75,000	-
2603-TN-Suck Creek	Budget	Suck Creek Tank/SCADA repeater Tier 3 remote site		Minimum level of health and safety risk reduction not in place	Priority A	1	$25,000.00	$25,000	-
2602-TN-Chattanooga	Budget	Lookout Mtn.Tank/SCADA radio repeater/booster station Tier 3 remote		Minimum level of health and safety risk reduction not in place	Priority A	1	$25,000.00	$25,000	-
2602-TN-Chattanooga	Budget	East Ridge Reservoir/Booster Station Tier 3 remote site		Minimum level of health and safety risk reduction not in place	Priority A	1	$25,000.00	$25,000	-
2602-TN-Chattanooga	Budget	Mission Ridge Reservoir/Booster Station/Standpipe Tier 3 remote site		Minimum level of health and safety risk reduction not in place	Priority A	1	$25,000.00	$25,000	-
2602-TN-Chattanooga	Budget	Hill City Booster Station Tier 3 remote site		Minimum level of health and safety risk reduction not in place	Priority A	1	$25,000.00	$25,000	-
						-	$0.00	$0	-
2602-TN-Chattanooga	Budget	Unidentified Projects		Minimum level of health and safety risk reduction not in place	Priority A	-	$0.00	$0	1
						-	$0.00	$0	-
						-	$0.00	$0	-
						-	$0.00	$0	-
						-	$0.00	$0	-
						-	$0.00	$0	-
						-	$0.00	$0	-

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2017		2018			2019			2020			
AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	
$120,000	$120,000	1	$120,000	$120,000	1	$120,000	$120,000	1	$120,000	$120,000	
$0	$0	0	$0	$0	0	$0	$0	0	$0	$0	
$0	$0	0	$0	$0	0	$0	$0	0	$0	$0	
$120,000	**$120,000**	**1**	**$120,000**	**$120,000**	**1**	**$120,000**	**$120,000**	**1**	**$120,000**	**$120,000**	
UNIT COST	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**COMMENTS**
Estimated Unit Cost ($/unit)	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**As Needed (Optional)**
$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	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$120,000.00	$120,000	1	$120,000.00	$120,000	1	$120,000.00	$120,000	1	$120,000.00	$120,000	
$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	-	$0.00	$0	-	$0.00	$0	

SUBTOTAL BY DISTRICT	**2016**		**2017**			**2018**			**2019**			**2020**		
District	**Estimated Quantity (each)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**
2600-TN-Cap Growth Budget	-	$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
2601-TN-Corporate	-	$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
2602-TN-Chattanooga	5	$175,000	1	$120,000	$120,000	1	$120,000	$120,000	1	$120,000	$120,000	1	$120,000	$120,000
2603-TN-Suck Creek	1	$25,000	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
2604-TN-Lone Oak	-	$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
2605-TN-Sequatchie Valley	-	$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
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OFFICES and OPERATIONS CENTERS			CURRENT BUSINESS PLAN YEAR - 2016		PRIORITY	2016 TOTAL QTY	2016 AVG UNIT COST	2016 TOTAL COST	TOTAL QTY
Operating Unit	26-Tennessee	**N**	**Budget**	$40,000	Priority A	0	$0	$0	0
Business Plan Year	2016		**Budget Reserve**	$0	Priority B	1	$40,000	$40,000	1
Date Prepared	May 12, 2015		**Total Budget**	**$40,000**	Priority C	0	$0	$0	0
Budget Level	Project		**Overprogram**	$0	**Total**	**1**	**$40,000**	**$40,000**	**1**
PROJECT INFORMATION						**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**	**Justification**		**Priority**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**
2602-TN-Chattanooga	Budget	Lab Facility Improvements	Has reached the end of its expected life		Priority B	1	$40,000.00	$40,000	-
2605-TN-Sequatchie Valley	Budget	Filter Plant Office Renovation	For new (additional) employees, equipment, or vehicles		Priority A	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	General Facility Improvements	Has reached the end of its expected life		Priority B	-	$0.00	$0	1
2602-TN-Chattanooga	Budget	General Facility Improvements	Has reached the end of its expected life		Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	General Facility Improvements	Has reached the end of its expected life		Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	General Facility Improvements	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	-

2017		2018			2019			2020			
AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	
$0	$0	0	$0	$0	0	$0	$0	0	$0	$0	
$50,000	$50,000	1	$50,000	$50,000	1	$50,000	$50,000	1	$50,000	$50,000	
$0	$0	0	$0	$0	0	$0	$0	0	$0	$0	
$50,000	**$50,000**	**1**	**$50,000**	**$50,000**	**1**	**$50,000**	**$50,000**	**1**	**$50,000**	**$50,000**	
UNIT COST	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**COMMENTS**
Estimated Unit Cost ($/unit)	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**As Needed (Optional)**
$0.00	$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$50,000.00	$50,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$0.00	$0	1	$50,000.00	$50,000	-	$0.00	$0	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	1	$50,000.00	$50,000	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	1	$50,000.00	$50,000	
$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	-	$0.00	$0	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	

SUBTOTAL BY DISTRICT	**2016**		**2017**			**2018**			**2019**			**2020**		
District	**Estimated Quantity (each)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**
2600-TN-Cap Growth Budget	-	$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
2601-TN-Corporate	-	$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
2602-TN-Chattanooga	1	$40,000	1	$50,000	$50,000	1	$50,000	$50,000	1	$50,000	$50,000	1	$50,000	$50,000
2603-TN-Suck Creek	-	$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
2604-TN-Lone Oak	-	$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
2605-TN-Sequatchie Valley	-	$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
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VEHICLES			CURRENT BUSINESS PLAN YEAR - 2016		PRIORITY	2016 TOTAL QTY	2016 AVG UNIT COST	2016 TOTAL COST	TOTAL QTY
Operating Unit	26-Tennessee	O	Budget	$333,000	Priority A	0	$0	$0	0
Business Plan Year	2016		Budget Reserve	$0	Priority B	5	$66,600	$333,000	15
Date Prepared	May 12, 2015		Total Budget	$333,000	Priority C	0	$0	$0	0
Budget Level	Project		Overprogram	$170,000	Total	5	$66,600	$333,000	15

PROJECT INFORMATION						UNITS	UNIT COST	PROJ. COST	UNITS
Profit Center	Budget Budget Reserve Overprogram	Project Title	Vehicle Type (Class)	Justification	Priority	Estimated Quantity (each)	Estimated Unit Cost ($/unit)	Estimated Cost (dollars)	Estimated Quantity (each)
2602-TN-Chattanooga	Budget	1GCEK14X55Z141761	Pickup	Has reached the end of its expected life	Priority B	1	$30,000.00	$30,000	-
2602-TN-Chattanooga	Budget	1FTNF20L1YED70527	Pickup	Has reached the end of its expected life	Priority B	1	$35,000.00	$35,000	-
2602-TN-Chattanooga	Budget	1HTMMAAM88H670022	Medium Truck	Has reached the end of its expected life	Priority B	1	$140,000.00	$140,000	-
2602-TN-Chattanooga	Budget	1HTSCABM4WH503663	Medium Truck	Has reached the end of its expected life	Priority B	1	$100,000.00	$100,000	-
2602-TN-Chattanooga	Budget	1GCCS14E678129679	Pickup	Has reached the end of its expected life	Priority B	1	$28,000.00	$28,000	-
2602-TN-Chattanooga	Overprogram	1HTMMAAM18H670024	Medium Truck	Has reached the end of its expected life	Priority B	1	$140,000.00	$140,000	-
2602-TN-Chattanooga	Overprogram	1D7HA16K98J238956	Pickup	Has reached the end of its expected life	Priority B	1	$30,000.00	$30,000	-
2602-TN-Chattanooga	Budget	1GCEK19V27Z137743	Pickup	Has reached the end of its expected life	Priority B		$0.00	$0	1
2602-TN-Chattanooga	Budget	1GCEK19V97Z142793	Pickup	Has reached the end of its expected life	Priority B		$0.00	$0	1
2602-TN-Chattanooga	Budget	1FDAF56F8XED79897	Medium Truck	Has reached the end of its expected life	Priority B		$0.00	$0	1
2602-TN-Chattanooga	Budget	1GCEK19VX7Z129731	Pickup	Has reached the end of its expected life	Priority B		$0.00	$0	1
2602-TN-Chattanooga	Budget	1G1ZS52855F203108	Car	Has reached the end of its expected life	Priority B		$0.00	$0	1
2602-TN-Chattanooga	Budget	3GCEK14X97G199164	Pickup	Has reached the end of its expected life	Priority B		$0.00	$0	1
2602-TN-Chattanooga	Budget	2CNDL23F456154371	SUV	Has reached the end of its expected life	Priority B		$0.00	$0	1
2602-TN-Chattanooga	Budget	1GCEK14X85Z273512	Pickup	Has reached the end of its expected life	Priority B		$0.00	$0	1
2602-TN-Chattanooga	Budget	1HTSCABM8YH257042	Medium Truck	Has reached the end of its expected life	Priority B		$0.00	$0	1
2602-TN-Chattanooga	Budget	1GCEK19V75Z280183	Pickup	Has reached the end of its expected life	Priority B		$0.00	$0	1
2602-TN-Chattanooga	Budget	1D7HA16K28J238958	Pickup	Has reached the end of its expected life	Priority B		$0.00	$0	1
2602-TN-Chattanooga	Budget	1GCEC14X97Z122730	Pickup	Has reached the end of its expected life	Priority B		$0.00	$0	1
2602-TN-Chattanooga	Budget	1GCEC14X17Z126514	Pickup	Has reached the end of its expected life	Priority B		$0.00	$0	1
2602-TN-Chattanooga	Budget	1FTNF21F1XEE73468	Pickup	Has reached the end of its expected life	Priority B		$0.00	$0	1
2602-TN-Chattanooga	Budget	1FTYR10V7YPC00130	Pickup	Has reached the end of its expected life	Priority B		$0.00	$0	1
2602-TN-Chattanooga	Budget	2CNDL23F076022274	SUV	Has reached the end of its expected life	Priority B		$0.00	$0	-
2602-TN-Chattanooga	Budget	2CNDL23F976043527	SUV	Has reached the end of its expected life	Priority B		$0.00	$0	-
2602-TN-Chattanooga	Budget	1GCEK19V45Z285924	Pickup	Has reached the end of its expected life	Priority B		$0.00	$0	-
2602-TN-Chattanooga	Budget	1GCHK24U07E101591	Pickup	Has reached the end of its expected life	Priority B		$0.00	$0	-
2602-TN-Chattanooga	Budget	1HTMMAAM57H536292	Medium Truck	Has reached the end of its expected life	Priority B		$0.00	$0	-
2602-TN-Chattanooga	Budget	1HTMMAAM37H536291	Medium Truck	Has reached the end of its expected life	Priority B		$0.00	$0	-
2602-TN-Chattanooga	Budget	1GCHK29U47E103255	Pickup	Has reached the end of its expected life	Priority B		$0.00	$0	-
2602-TN-Chattanooga	Budget	1D7HE22K48S638272	Pickup	Has reached the end of its expected life	Priority B		$0.00	$0	-
2602-TN-Chattanooga	Budget	1G1ZS52825F204636	Car	Has reached the end of its expected life	Priority B		$0.00	$0	-
2602-TN-Chattanooga	Budget	1G1ZS52895F202723	Car	Has reached the end of its expected life	Priority B		$0.00	$0	-
2602-TN-Chattanooga	Budget	JTDKN3DU3D5604403	Car	Has reached the end of its expected life	Priority B		$0.00	$0	-
2602-TN-Chattanooga	Budget	1VWAP7A30CC014823	Car	Has reached the end of its expected life	Priority B		$0.00	$0	-
2602-TN-Chattanooga	Budget	1G1ZS58N17F147233	Car	Has reached the end of its expected life	Priority B		$0.00	$0	-
2602-TN-Chattanooga	Budget	5TFUU4EN5DX082743	Pickup	Has reached the end of its expected life	Priority B		$0.00	$0	-
2602-TN-Chattanooga	Budget	5TFUU4EN5DX084038	Pickup	Has reached the end of its expected life	Priority B		$0.00	$0	-
2602-TN-Chattanooga	Budget	1GBJC34U25E272574	Pickup	Has reached the end of its expected life	Priority B		$0.00	$0	-
2602-TN-Chattanooga	Budget	1FDAF56P66EB71878	Medium Truck	Has reached the end of its expected life	Priority B		$0.00	$0	-
2602-TN-Chattanooga	Budget	1GCEK19V75Z142742	Pickup	Has reached the end of its expected life	Priority B		$0.00	$0	-
2602-TN-Chattanooga	Budget	1VWAP7A34CC007454	Car	Has reached the end of its expected life	Priority B		$0.00	$0	-
2602-TN-Chattanooga	Budget	2CNDL23F456189220	SUV	Has reached the end of its expected life	Priority B		$0.00	$0	-
2602-TN-Chattanooga	Budget	1GCEK19V67Z189361	Pickup	Has reached the end of its expected life	Priority B		$0.00	$0	-
2602-TN-Chattanooga	Budget	1GC3KVBG3AF131341	Pickup	Has reached the end of its expected life	Priority B		$0.00	$0	-
2602-TN-Chattanooga	Budget	1GCCSBDE6A8144132	Pickup	Has reached the end of its expected life	Priority B		$0.00	$0	-
2602-TN-Chattanooga	Budget	1GCCSBDE5A8142582	Pickup	Has reached the end of its expected life	Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	1G1ZS52855F202976	Car	Has reached the end of its expected life	Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	1GC5KVBG3AZ184600	Pickup	Has reached the end of its expected life	Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	1FTMF1EW7AKE34439	Pickup	Has reached the end of its expected life	Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	1FTRF12W18KC86616	Pickup	Has reached the end of its expected life	Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	NM0LS6AN5DT156914	Cargo Van	Has reached the end of its expected life	Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	NM0LS6ANXDT141776	Cargo Van	Has reached the end of its expected life	Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	NM0LS6AN9DT160688	Cargo Van	Has reached the end of its expected life	Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	3D6WG46D98G243007	Pickup	Has reached the end of its expected life	Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	5TFUU4EN8DX082459	Pickup	Has reached the end of its expected life	Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	5TFUU4EN1DX083663	Pickup	Has reached the end of its expected life	Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	3TMMU4FN1EM063631	Pickup	Has reached the end of its expected life	Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	NM0LS6BN4DT143425	Cargo Van	Has reached the end of its expected life	Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	1FDUF5GT1BED06011	Medium Truck	Has reached the end of its expected life	Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	3D7KS26D98G247961	Pickup	Has reached the end of its expected life	Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	1FDUF5GT1CEA60871	Medium Truck	Has reached the end of its expected life	Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	1GCDT19E978128701	Pickup	Has reached the end of its expected life	Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	1HTMMAAM89H141493	Medium Truck	Has reached the end of its expected life	Priority B	-	$0.00	$0	-

VEHICLES			CURRENT BUSINESS PLAN YEAR - 2016		PRIORITY	2016 TOTAL QTY	2016 AVG UNIT COST	2016 TOTAL COST	TOTAL QTY
Operating Unit	26-Tennessee	**O**	**Budget**	$333,000	Priority A	0	$0	$0	0
Business Plan Year	2016		**Budget Reserve**	$0	Priority B	5	$66,600	$333,000	15
Date Prepared	May 12, 2015		**Total Budget**	**$333,000**	Priority C	0	$0	$0	0
Budget Level	Project		**Overprogram**	$170,000	**Total**	**5**	**$66,600**	**$333,000**	**15**

PROJECT INFORMATION						UNITS	UNIT COST	PROJ. COST	UNITS
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**	**Vehicle Type (Class)**	**Justification**	**Priority**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**
2602-TN-Chattanooga	Budget	2C4RVAAG5CR120302	Pickup	Has reached the end of its expected life	Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	1FTRF12W46NA11527	Pickup	Has reached the end of its expected life	Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	5TFUM5F1XDX049058	Pickup	Has reached the end of its expected life	Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	1B3LC46K68N296050	Car	Has reached the end of its expected life	Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	3FRWF7FL8DV784320	Medium Truck	Has reached the end of its expected life	Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	3C7WRSAL7DG579416	Pickup	Has reached the end of its expected life	Priority B	-	$0.00	$0	-

2017		2018			2019			2020			
AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	
$0	$0	0	$0	$0	0	$0	$0	0	$0	$0	
$43,933	$659,000	12	$41,750	$501,000	15	$37,267	$559,000	20	$47,350	$947,000	
$0	$0	0	$0	$0	0	$0	$0	0	$0	$0	
$43,933	**$659,000**	**12**	**$41,750**	**$501,000**	**15**	**$37,267**	**$559,000**	**20**	**$47,350**	**$947,000**	
UNIT COST	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**COMMENTS**
Estimated Unit Cost ($/unit)	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**As Needed (Optional)**
$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	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$35,000.00	$35,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$35,000.00	$35,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$140,000.00	$140,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$35,000.00	$35,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$28,000.00	$28,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$35,000.00	$35,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$28,000.00	$28,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$35,000.00	$35,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$100,000.00	$100,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$35,000.00	$35,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$30,000.00	$30,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$30,000.00	$30,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$30,000.00	$30,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$35,000.00	$35,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$28,000.00	$28,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$0.00	$0	1	$28,000.00	$28,000	-	$0.00	$0	-	$0.00	$0	
$0.00	$0	1	$28,000.00	$28,000	-	$0.00	$0	-	$0.00	$0	
$0.00	$0	1	$35,000.00	$35,000	-	$0.00	$0	-	$0.00	$0	
$0.00	$0	1	$35,000.00	$35,000	-	$0.00	$0	-	$0.00	$0	
$0.00	$0	1	$100,000.00	$100,000	-	$0.00	$0	-	$0.00	$0	
$0.00	$0	1	$100,000.00	$100,000	-	$0.00	$0	-	$0.00	$0	
$0.00	$0	1	$35,000.00	$35,000	-	$0.00	$0	-	$0.00	$0	
$0.00	$0	1	$28,000.00	$28,000	-	$0.00	$0	-	$0.00	$0	
$0.00	$0	1	$28,000.00	$28,000	-	$0.00	$0	-	$0.00	$0	
$0.00	$0	1	$28,000.00	$28,000	-	$0.00	$0	-	$0.00	$0	
$0.00	$0	1	$28,000.00	$28,000	-	$0.00	$0	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	1	$28,000.00	$28,000	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	1	$30,000.00	$30,000	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	1	$30,000.00	$30,000	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	1	$35,000.00	$35,000	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	1	$135,000.00	$135,000	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	1	$35,000.00	$35,000	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	1	$28,000.00	$28,000	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	1	$28,000.00	$28,000	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	1	$35,000.00	$35,000	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	1	$28,000.00	$28,000	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	1	$28,000.00	$28,000	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	1	$28,000.00	$28,000	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	1	$28,000.00	$28,000	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	1	$35,000.00	$35,000	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	1	$35,000.00	$35,000	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	1	$28,000.00	$28,000	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	1	$28,000.00	$28,000	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	1	$28,000.00	$28,000	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	1	$35,000.00	$35,000	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	1	$30,000.00	$30,000	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	1	$28,000.00	$28,000	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	1	$30,000.00	$30,000	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	1	$28,000.00	$28,000	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	1	$125,000.00	$125,000	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	1	$60,000.00	$60,000	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	1	$135,000.00	$135,000	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	1	$28,000.00	$28,000	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	1	$140,000.00	$140,000	

2017		2018			2019			2020			
AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	
$0	$0	0	$0	$0	0	$0	$0	0	$0	$0	
$43,933	$659,000	12	$41,750	$501,000	15	$37,267	$559,000	20	$47,350	$947,000	
$0	$0	0	$0	$0	0	$0	$0	0	$0	$0	
$43,933	**$659,000**	**12**	**$41,750**	**$501,000**	**15**	**$37,267**	**$559,000**	**20**	**$47,350**	**$947,000**	
UNIT COST	PROJ. COST	UNITS	UNIT COST	PROJ. COST	UNITS	UNIT COST	PROJ. COST	UNITS	UNIT COST	PROJ. COST	COMMENTS
Estimated Unit Cost ($/unit)	Estimated Cost (dollars)	Estimated Quantity (each)	Estimated Unit Cost ($/unit)	Estimated Cost (dollars)	Estimated Quantity (each)	Estimated Unit Cost ($/unit)	Estimated Cost (dollars)	Estimated Quantity (each)	Estimated Unit Cost ($/unit)	Estimated Cost (dollars)	As Needed (Optional)
$0.00	$0	-	$0.00	$0	-	$0.00	$0	1	$28,000.00	$28,000	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	1	$35,000.00	$35,000	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	1	$35,000.00	$35,000	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	1	$28,000.00	$28,000	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	1	$35,000.00	$35,000	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	1	$28,000.00	$28,000	

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SUBTOTAL BY DISTRICT	2016		2017			2018			2019			2020		
District	Estimated Quantity (each)	Estimated Cost (dollars)	Estimated Quantity (each)	Estimated Unit Cost ($/unit)	Estimated Cost (dollars)	Estimated Quantity (each)	Estimated Unit Cost ($/unit)	Estimated Cost (dollars)	Estimated Quantity (each)	Estimated Unit Cost ($/unit)	Estimated Cost (dollars)	Estimated Quantity (each)	Estimated Unit Cost ($/unit)	Estimated Cost (dollars)
2600-TN-Cap Growth Budget	-	$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
2601-TN-Corporate	-	$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
2602-TN-Chattanooga	5	$333,000	15	$659,000	$659,000	12	$501,000	$501,000	15	$559,000	$559,000	20	$947,000	$947,000
2603-TN-Suck Creek	-	$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
2604-TN-Lone Oak	-	$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
2605-TN-Sequatchie Valley	-	$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
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SUBTOTAL BY DISTRICT	**2016**		**2017**			**2018**			**2019**			**2020**		
District	**Estimated Quantity (each)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**

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TOOLS and EQUIPMENT			CURRENT BUSINESS PLAN YEAR - 2016		PRIORITY	2016 TOTAL QTY	2016 AVG UNIT COST	2016 TOTAL COST	TOTAL QTY
Operating Unit	26-Tennessee	**P**	**Budget**	$60,000	Priority A	0	$0	$0	0
Business Plan Year	2016		**Budget Reserve**	$0	Priority B	1	$60,000	$60,000	1
Date Prepared	May 12, 2015		**Total Budget**	**$60,000**	Priority C	0	$0	$0	0
Budget Level	Project		**Overprogram**	$0	**Total**	**1**	**$60,000**	**$60,000**	**1**
PROJECT INFORMATION						**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**	**Justification**		**Priority**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**
2602-TN-Chattanooga	Budget	General Tool Lifecycle Replacements	Has reached the end of its expected life		Priority B	1	$60,000.00	$60,000	-
2602-TN-Chattanooga	Budget	General Tool Lifecycle Replacements	Has reached the end of its expected life		Priority B	-	$0.00	$0	1
2602-TN-Chattanooga	Budget	General Tool Lifecycle Replacements	Has reached the end of its expected life		Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	General Tool Lifecycle Replacements	Has reached the end of its expected life		Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	General Tool Lifecycle Replacements	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	-

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2017		2018			2019			2020			
AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	
$0	$0	0	$0	$0	0	$0	$0	0	$0	$0	
$60,000	$60,000	1	$60,000	$60,000	1	$60,000	$60,000	1	$60,000	$60,000	
$0	$0	0	$0	$0	0	$0	$0	0	$0	$0	
$60,000	**$60,000**	**1**	**$60,000**	**$60,000**	**1**	**$60,000**	**$60,000**	**1**	**$60,000**	**$60,000**	
UNIT COST	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**COMMENTS**
Estimated Unit Cost ($/unit)	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**As Needed (Optional)**
$0.00	$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$60,000.00	$60,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$0.00	$0	1	$60,000.00	$60,000	-	$0.00	$0	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	1	$60,000.00	$60,000	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	1	$60,000.00	$60,000	
$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	-	$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	

SUBTOTAL BY DISTRICT	**2016**		**2017**			**2018**			**2019**			**2020**		
District	**Estimated Quantity (each)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**
2600-TN-Cap Growth Budget	-	$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
2601-TN-Corporate	-	$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
2602-TN-Chattanooga	1	$60,000	1	$60,000	$60,000	1	$60,000	$60,000	1	$60,000	$60,000	1	$60,000	$60,000
2603-TN-Suck Creek	-	$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
2604-TN-Lone Oak	-	$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
2605-TN-Sequatchie Valley	-	$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
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PROCESS PLANT FACILITIES and EQUIPMENT			CURRENT BUSINESS PLAN YEAR - 2016		PRIORITY	2016 TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY
Operating Unit	26-Tennessee		**Budget**	$975,000	Priority A	0	$0	$0	0
Business Plan Year	2016	Q	**Budget Reserve**	$0	Priority B	8	$121,875	$975,000	12
Date Prepared	May 12, 2015		**Total Budget**	**$975,000**	Priority C	0	$0	$0	0
Budget Level	Project		**Overprogram**	$45,000	**Total**	**8**	**$121,875**	**$975,000**	**12**
			PROJECT INFORMATION			**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**
Profit Center	**Budget Budget Reserve Overprogram**	**Project Title**	**Justification**		**Priority**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**
2602-TN-Chattanooga	Budget	Construct Citico High Service Bypass	Provides increased reliability or operating flexibility of critical assets		Priority B	1	$350,000.00	$350,000	-
2602-TN-Chattanooga	Budget	Replace #12 VFD	Provides increased reliability or operating flexibility of critical assets		Priority B	1	$150,000.00	$150,000	-
2602-TN-Chattanooga	Budget	Replace Rotating Element #12 Low Service	Provides increased reliability or operating flexibility of critical assets		Priority B	1	$60,000.00	$60,000	-
2602-TN-Chattanooga	Budget	Replace #1 Plant Chemical Feed Vault	Provides increased reliability or operating flexibility of critical assets		Priority B	1	$200,000.00	$200,000	-
2602-TN-Chattanooga	Budget	Replace Caustic Soda Day Tank	Provides increased reliability or operating flexibility of critical assets		Priority B	1	$15,000.00	$15,000	-
2602-TN-Chattanooga	Budget	Install Flow Meter #8 Hill City	Provides increased reliability or operating flexibility of critical assets		Priority B	1	$20,000.00	$20,000	-
2602-TN-Chattanooga	Budget	Repair/Replace Low Service Intake Valve	Provides increased reliability or operating flexibility of critical assets		Priority B	1	$30,000.00	$30,000	-
2602-TN-Chattanooga	Overprogram	Replace #11 SMR Starter	Provides increased reliability or operating flexibility of critical assets		Priority B	1	$15,000.00	$15,000	-
2602-TN-Chattanooga	Overprogram	Install Docking Station for Generator @ Hillpointe	Provides increased reliability or operating flexibility of critical assets		Priority B	1	$15,000.00	$15,000	-
2602-TN-Chattanooga	Overprogram	Install Docking Station for Generator @ Panorama	Provides increased reliability or operating flexibility of critical assets		Priority B	1	$15,000.00	$15,000	-
2602-TN-Chattanooga	Budget	Slip Line Recirculation Line to Screen House	Provides increased reliability or operating flexibility of critical assets		Priority B	1	$150,000.00	$150,000	-
						-	$0.00	$0	-
2602-TN-Chattanooga	Budget	Replace Freight Elevator @ Chemical Building	Provides increased reliability or operating flexibility of critical assets		Priority B	-	$0.00	$0	1
2602-TN-Chattanooga	Budget	Replace #3 Hill City with larger pumping unit and VFD	Provides increased reliability or operating flexibility of critical assets		Priority B	-	$0.00	$0	1
2602-TN-Chattanooga	Budget	Replace #3 Mission Ridge with larger Pumping Unit and V	Provides increased reliability or operating flexibility of critical assets		Priority B	-	$0.00	$0	1
2602-TN-Chattanooga	Budget	Replace #6 Lkt Mtn. Motor	Provides increased reliability or operating flexibility of critical assets		Priority B	-	$0.00	$0	1
2603-TN-Suck Creek	Budget	Replace SCUD Pressure filter Valve	Provides increased reliability or operating flexibility of critical assets		Priority B	-	$0.00	$0	1
2602-TN-Chattanooga	Budget	Paint #5 and #6 Aldrich Units	Provides increased reliability or operating flexibility of critical assets		Priority B	-	$0.00	$0	1
2602-TN-Chattanooga	Budget	Replace #4 Lkt. Mtn. Motor	Provides increased reliability or operating flexibility of critical assets		Priority B	-	$0.00	$0	1
2602-TN-Chattanooga	Budget	Replace PACL DC Drives	Provides increased reliability or operating flexibility of critical assets		Priority B	-	$0.00	$0	1
2602-TN-Chattanooga	Budget	Replace #11 High Service Cone Valve	Provides increased reliability or operating flexibility of critical assets		Priority B	-	$0.00	$0	1
2602-TN-Chattanooga	Budget	Replace # 16 High Service Cone Valve	Provides increased reliability or operating flexibility of critical assets		Priority B	-	$0.00	$0	1
2602-TN-Chattanooga	Budget	Remove Abandoned Altitude Valve @2 Plant Wash Wate	Provides increased reliability or operating flexibility of critical assets		Priority B	-	$0.00	$0	1
2602-TN-Chattanooga	Budget	Replace Backwash Valve #1 Aldrich Unit	Provides increased reliability or operating flexibility of critical assets		Priority B	-	$0.00	$0	1
						-	$0.00	$0	-
2602-TN-Chattanooga	Budget	Replace #4 Mission Ridge Pump with larger unit and VFD	Provides increased reliability or operating flexibility of critical assets		Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	Replace Fluorinde Bulk Tank	Provides increased reliability or operating flexibility of critical assets		Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	Replace 2 High Service Valves @ Citico	Provides increased reliability or operating flexibility of critical assets		Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	Replace Starter Panel @ Elmendorf Station	Provides increased reliability or operating flexibility of critical assets		Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	Replace #7 Hill City Starter	Provides increased reliability or operating flexibility of critical assets		Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	Replace #1 Elder Mtn. Starter	Provides increased reliability or operating flexibility of critical assets		Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	Replace #2 Elder Mtn. Starter	Provides increased reliability or operating flexibility of critical assets		Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	Replace Elevator in Citico Pump Station	Provides increased reliability or operating flexibility of critical assets		Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	Replace Rotating Element #11 High Service	Provides increased reliability or operating flexibility of critical assets		Priority B	-	$0.00	$0	-
						-	$0.00	$0	-
2602-TN-Chattanooga	Budget	Replace Broken Separation Valve in Screen House	Provides increased reliability or operating flexibility of critical assets		Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	Replace Siding on Chemical Building	Provides increased reliability or operating flexibility of critical assets		Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	Replace Maple Hill Booster/Rolling Acres with one Statior	Provides increased reliability or operating flexibility of critical assets		Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	Replace Carbon Slurry Feed Pump System	Provides increased reliability or operating flexibility of critical assets		Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	Replace Pumps Crestiview Booster Station	Provides increased reliability or operating flexibility of critical assets		Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	Replace Starters Crestview Booster Station	Provides increased reliability or operating flexibility of critical assets		Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	Replace #13 Low Service Soft Starter	Provides increased reliability or operating flexibility of critical assets		Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	Replace Starter #7 East Ridge	Provides increased reliability or operating flexibility of critical assets		Priority B	-	$0.00	$0	-
						-	$0.00	$0	-
2602-TN-Chattanooga	Budget	Replace Starter #5 St. Elmo	Provides increased reliability or operating flexibility of critical assets		Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	Replace Starter #6 St. Elmo	Provides increased reliability or operating flexibility of critical assets		Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	Replace Starter #6 Lkt. Mtn.	Provides increased reliability or operating flexibility of critical assets		Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	Replace Starter #8 Lkt . Mtn.	Provides increased reliability or operating flexibility of critical assets		Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	Replace Battery Rack and Charger System @ Citico	Provides increased reliability or operating flexibility of critical assets		Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	Replace 2 High Service Gate Valves @ Citico	Provides increased reliability or operating flexibility of critical assets		Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	Replace Pump and Pump Bowl #3 Ryall Springs	Provides increased reliability or operating flexibility of critical assets		Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	Replace North Travelling Screen	Provides increased reliability or operating flexibility of critical assets		Priority B	-	$0.00	$0	-
2602-TN-Chattanooga	Budget	Replace Intake Valves in Screen House	Provides increased reliability or operating flexibility of critical assets		Priority B	-	$0.00	$0	-

2017		2018			2019			2020			
AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	
$0	$0	0	$0	$0	0	$0	$0	0	$0	$0	
$110,417	$1,325,000	9	$83,889	$755,000	8	$109,375	$875,000	9	$91,667	$825,000	
$0	$0	0	$0	$0	0	$0	$0	0	$0	$0	
$110,417	**$1,325,000**	**9**	**$83,889**	**$755,000**	**8**	**$109,375**	**$875,000**	**9**	**$91,667**	**$825,000**	
UNIT COST	PROJ. COST	UNITS	UNIT COST	PROJ. COST	UNITS	UNIT COST	PROJ. COST	UNITS	UNIT COST	PROJ. COST	COMMENTS
Estimated Unit Cost ($/unit)	Estimated Cost (dollars)	Estimated Quantity (each)	Estimated Unit Cost ($/unit)	Estimated Cost (dollars)	Estimated Quantity (each)	Estimated Unit Cost ($/unit)	Estimated Cost (dollars)	Estimated Quantity (each)	Estimated Unit Cost ($/unit)	Estimated Cost (dollars)	As Needed (Optional)
$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	-	$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	-	$0.00	$0	-	$0.00	$0	
$75,000.00	$75,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$200,000.00	$200,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$200,000.00	$200,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$70,000.00	$70,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$50,000.00	$50,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$400,000.00	$400,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$70,000.00	$70,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$20,000.00	$20,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$90,000.00	$90,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$90,000.00	$90,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$20,000.00	$20,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$40,000.00	$40,000	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$0.00	$0	1	$200,000.00	$200,000	-	$0.00	$0	-	$0.00	$0	
$0.00	$0	1	$100,000.00	$100,000	-	$0.00	$0	-	$0.00	$0	
$0.00	$0	1	$150,000.00	$150,000	-	$0.00	$0	-	$0.00	$0	
$0.00	$0	1	$80,000.00	$80,000	-	$0.00	$0	-	$0.00	$0	
$0.00	$0	1	$25,000.00	$25,000	-	$0.00	$0	-	$0.00	$0	
$0.00	$0	1	$25,000.00	$25,000	-	$0.00	$0	-	$0.00	$0	
$0.00	$0	1	$25,000.00	$25,000	-	$0.00	$0	-	$0.00	$0	
$0.00	$0	1	$80,000.00	$80,000	-	$0.00	$0	-	$0.00	$0	
$0.00	$0	1	$70,000.00	$70,000	-	$0.00	$0	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	1	$90,000.00	$90,000	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	1	$90,000.00	$90,000	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	1	$300,000.00	$300,000	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	1	$150,000.00	$150,000	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	1	$150,000.00	$150,000	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	1	$20,000.00	$20,000	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	1	$50,000.00	$50,000	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	1	$25,000.00	$25,000	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	1	$50,000.00	$50,000	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	1	$50,000.00	$50,000	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	1	$50,000.00	$50,000	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	1	$50,000.00	$50,000	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	1	$25,000.00	$25,000	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	1	$150,000.00	$150,000	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	1	$50,000.00	$50,000	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	1	$200,000.00	$200,000	
$0.00	$0	-	$0.00	$0	-	$0.00	$0	1	$200,000.00	$200,000	

SUBTOTAL BY DISTRICT	2016		2017			2018			2019			2020		
District	Estimated Quantity (each)	Estimated Cost (dollars)	Estimated Quantity (each)	Estimated Unit Cost ($/unit)	Estimated Cost (dollars)	Estimated Quantity (each)	Estimated Unit Cost ($/unit)	Estimated Cost (dollars)	Estimated Quantity (each)	Estimated Unit Cost ($/unit)	Estimated Cost (dollars)	Estimated Quantity (each)	Estimated Unit Cost ($/unit)	Estimated Cost (dollars)
2600-TN-Cap Growth Budget	-	$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
2601-TN-Corporate	-	$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
2602-TN-Chattanooga	8	$975,000	11	$1,275,000	$1,275,000	9	$755,000	$755,000	8	$875,000	$875,000	9	$825,000	$825,000
2603-TN-Suck Creek	-	$0	1	$50,000	$50,000	-	$0	$0	-	$0	$0	-	$0	$0
2604-TN-Lone Oak	-	$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
2605-TN-Sequatchie Valley	-	$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
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CAPITAL TANK REHABILITATION OR PAINTING			CURRENT BUSINESS PLAN YEAR - 2016		PRIORITY	2016 TOTAL QTY	AVG UNIT COST	TOTAL COST
Operating Unit	26-Tennessee	R	Budget	$0	Priority A	0	$0	$0
Business Plan Year	2016		Budget Reserve	$0	Priority B	0	$0	$0
Date Prepared	May 12, 2015		Total Budget	$0	Priority C	0	$0	$0
Budget Level	Project		Overprogram	$0	Total	0	$0	$0

PROJECT INFORMATION						UNITS	UNIT COST	PROJ. COST
Profit Center	Budget Budget Reserve Overprogram	Project Title	Project Type	Justification	Priority	Estimated Quantity (each)	Estimated Unit Cost ($/unit)	Estimated Cost (dollars)
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0
						-	$0.00	$0

2017			2018			2019			2020			
TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	
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**	**$0**	
UNITS	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**COMMENTS**
Estimated Quantity (each)	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**As Needed (Optional)**
-	$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	-	$0.00	$0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	

SUBTOTAL BY DISTRICT	**2016**		**2017**			**2018**			**2019**			**2020**		
District	**Estimated Quantity (each)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**
2600-TN-Cap Growth Budget	-	$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
2601-TN-Corporate	-	$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
2602-TN-Chattanooga	-	$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
2603-TN-Suck Creek	-	$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
2604-TN-Lone Oak	-	$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
2605-TN-Sequatchie Valley	-	$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
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ENGINEERING STUDIES			CURRENT BUSINESS PLAN YEAR - 2016		PRIORITY	2016 TOTAL QTY	2016 AVG UNIT COST	2016 TOTAL COST
Operating Unit	26-Tennessee	S	Budget	$0	Priority A	0	$0	$0
Business Plan Year	2016		Budget Reserve	$0	Priority B	0	$0	$0
Date Prepared	May 12, 2015		Total Budget	$0	Priority C	0	$0	$0
Budget Level	Project		Overprogram	$0	Total	0	$0	$0

PROJECT INFORMATION						UNITS	UNIT COST	PROJ. COST
Profit Center	Budget Budget Reserve Overprogram	Project Title	Study Type	Justification	Priority	Estimated Quantity (each)	Estimated Unit Cost ($/unit)	Estimated Cost (dollars)
						-	$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

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2017			2018			2019			2020			
TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	TOTAL QTY	AVG UNIT COST	TOTAL COST	
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**	**$0**	
UNITS	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**UNITS**	**UNIT COST**	**PROJ. COST**	**COMMENTS**
Estimated Quantity (each)	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**As Needed (Optional)**
-	$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	-	$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	-	$0.00	$0	-	$0.00	$0	
-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	-	$0.00	$0	

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SUBTOTAL BY DISTRICT	**2016**		**2017**			**2018**			**2019**			**2020**		
District	**Estimated Quantity (each)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**	**Estimated Quantity (each)**	**Estimated Unit Cost ($/unit)**	**Estimated Cost (dollars)**
2600-TN-Cap Growth Budget	-	$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
2601-TN-Corporate	-	$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
2602-TN-Chattanooga	-	$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
2603-TN-Suck Creek	-	$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
2604-TN-Lone Oak	-	$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
2605-TN-Sequatchie Valley	-	$0	-	$0	$0	-	$0	$0	-	$0	$0	-	$0	$0
0														
0														
0														
0														
0														
0														
0														
0														

Justification Forms

Company Name	Tennessee-American Water	FP Number:	I26-020028
District	TN-Chattanooga	FP Description	Citico Plant Improvements Phase 1B
		Project Manager	McGee, Kristina E.

REQUEST SUMMARY

Project Funding Status

Requested Stage	IMPLEMENTATION	002	Requested Amount	8,926,031.35	Form Status	APPROVED
Authorized Stage	PRELIMINARY	001	Authorized Amount	8,904,322.22	Authorized Date	09/17/2015

Scope Summary

Is this a change to the project scope? NO

Sedimentation Basin No. 3 (Basin 3) is to be retired and two replacement clarification trains are to be constructed within the wallsof Basin 3. Each train is to be equipped with three stage flocculation and plate settlers equipped with continuous sludgecollection. The treatment capacity is to be 14 mgd each. Chlorination feed improvements are included in the project to allow fordelayed application of chlorine to the three sedimentation basins in Plant 1 as a method to control disinfection byproducts.

Schedule Status

	Latest Authorized	Request Authorization
Estimated In-Service:	06/01/2015	06/01/2016
Project Completion	03/31/2016	03/31/2016

Is this a change to the project Schedule? NO

There is no change in project schedule from the preliminary submission

Cost Summary

Annual Estimate	Latest Authorized	Requested Change
Priors	0.00	323,789.03
This Year	207,833.85	1,548,329.10
Year 2	2,792,450.97	7,053,913.22
Year 3	0.00	0.00
Balance Years	5,904,037.40	0.00
TOTAL	**8,904,322.22**	**8,926,031.35**

Is this a change in Annual Expenditure? NO

Detailed Estimate

Additions	7,269,200.00	6,673,116.43
Removals	100,000.00	465,000.00
AFUDC	355,482.22	312,027.00
Indirect Overhead	779,640.00	775,887.92
Contributions/advances	0.00	0.00
SUBTOTAL	8,504,322.22	8,226,031.35
O&C	400,000.00	700,000.00
TOTAL	**8,904,322.22**	**8,926,031.35**

Is this a change in total project estimate? NO

What is the anticipated Rate Impact? 2.1

Is project eligible for DSIC-type recovery? YES

If forward looking state, what is approved rate? 7.2

Will project impact Operating Costs? YES

Justification Forms

Company Name	Tennessee-American Water	FP Number:	I26-020028
District	TN-Chattanooga	FP Description	Citico Plant Improvements Phase 1B
		Project Manager	McGee, Kristina E.

SCOPE

Project Basis

Basis of Recommendation:		Initial Estimate:	5,000,000.00
Study Title and Year:	N/A	Initial Estimate Year:	0000
Study Project No. :	N/A	Add Study Hyperlink	

PROJECT ASSETS AND PURPOSE CODES

Asset Owner: TO BE DETERMINED

ASSET CODE	PERCENT	PURPOSE CODE	PERCENT
320 - WATER TREATMENT PLANT EQUIP	100.00	ASSET RENEWAL POOR CONDITION	100.00
	0.00		0.00
	0.00		0.00
	0.00		
TOTAL	**100%**	**TOTAL**	**100%**

PROBLEM OR OPPORTUNITY

Plant No. 1 provides 40 mgd of Citico Station's 65 mgd capacity. Plant No. 1 pretreatment is performed in Basins 1,2 and 3. Basin
No. 1 was constructed in 1889 and Basin No. 2 was constructed in 1915. Both basins are in poor condition and repairs are needed for
continued service. Basins 1 and 2 are equipped with flocculation and continuous sludge removal and provide 75% of the capacity for
Plant 1. During peak demands, all three basins are needed. TAW cannot confidently relinquish either Basin 1 nor Basin 2 for several months for repairs to these basins.

INVESTIGATED OPTIONS

A number of options have been investigated to constructing two clarification trains in Basin 3. These include repair and retrofit
of Basins 1 and 2, high rate ballasted floc clarification (Actiflo), tube settlers, and plate settlers. Additional capacity from Plant 2 is not available.

Repair and retrofit of Basins 1 and 2 was the original concept for improvements. However, the poor condition of the un-reinforced
concrete in the walls of both basins precludes any additional loads. Laboratory testing of concrete in Basin 1 showed the concrete
to be highly porous and in poor condition. Numerous cracks have been noted in both basins. Ballasted flocculation is a high

rate
process that has low space requirements. However, it produces a waste stream that requires special handling system. Plastic tube
settlers were compared to stainless steel plate settlers in preliminary design. Plate settlers were selected because of their durability and higher capacity per unit area.

RECOMMENDED SOLUTION

It is recommended that two flocculation and plate settler trains, termed Basin 3a and 3b, be constructed inside of Basin 3. The
total capacity of these trains is 28 mgd. This capacity is sufficient that either Basin 1 or Basin 2 can be removed from service for repairs or replacement. The disposition of Basins 1 and 2 has not been determined.

Chlorination improvements are recommended to allow chlorination at the outlet of Basins 1,2 and 3.

MEASURABLE BENEFITS Quantity: Units: X

The project will provide sufficient capacity in Basins 3a and 3b to allow Basin 1 or Basin 2 to be removed from service for an extended period for replacement or rehabilitation. Effluent turbidity values will improve to 2 ntu or less from Basin 3a and 3b.
The turbidity in the water being applied to the filters will improve such that longer filter runs and reduced filter washwater is required. The labor required over a 4 to 6 week period to manually remove accumulated sludge in Basin 3 will not be needed with
continuous sludge removal proposed in Basin 3a and 3b.

RETIREMENT INFORMATION

Basin 3 will be retired.

PROJECT DELIVERY - Preliminary Stage Deliverable:

Design documents will be produced from the Preliminary Approval Stage to enable permitting and competitive bidding of the project.

Impl. Delivery Method: CONVENTIONAL DESIGN-BID-BUILD Project Delivery Risks: SCHEDULE

PROJECT RISKS DETAILS:

Because of the operational needs for this basin during peak summer demands, the largest risk to this project is the tight schedule.
It will be challenging to complete the Basin 3 replacement work within the construction time of September 1, 2014 to April 30, 2015.

Justification Forms

Company Name	Tennessee-American Water	FP Number:	I26-020028
District	TN-Chattanooga	FP Description	Citico Plant Improvements Phase 1B
		Project Manager	McGee, Kristina E.

IMPACTS & SCHEDULE

Project Impacts & Recovery

What is the anticipated Rate Impact?	2.1
If forward looking rate state, what is the approved rate?	7.2
Is project eligible for DSIC-type recovery?	YES
Is Project Expected to Impact Operating Expenses?	YES

OPEX Discussion:

The additional operating cost required for electricity to operate the proposed flocculator motors in Basins 3a and 3b is estimated to be $5,000 per year. The improved quality of water applied to the filters will reduce filter washwater consumption by at least 110 MG per year. The reduction in electricity and chemical savings associated with reduced filter washes is estimated to be $11,000 per year (90,000 gallons per wash reduced to 60,000 gallons per wash). The maintenance cost associated with the flocculators and sludge removal system is estimated to be $3,000 per year. The net OPEX savings are estimated to be $3,000 per year.

Schedule Status

	Project Start Date	Implementation Start Date	In-Service Date	Completion Date	Critical Date	Reason for Critical Date
Forecast	01/01/2013	02/01/2014	06/01/2016	03/31/2016	12/31/2016	SCHEDULE
Authorize						
Prior						

Schedule Comments

N/A

Justification Forms

Company Name	Tennessee-American Water	FP Number:	I26-020028
District	TN-Chattanooga	FP Description	Citico Plant Improvements Phase 1B
		Project Manager	McGee, Kristina E.

COST

DETAILED ESTIMATE Additions	Latest Forecast	Latest Authorized			
			000	000	000
Planning Summary	0.00	0.00	0.00	0.00	0.00
Preliminary Summary	289,109.05	180,000.00	0.00	0.00	0.00
Implementation Summary	6,384,007.38	7,089,200.00	0.00	0.00	0.00
Planning Detail					
AW SUPERVISION	0.00	0.00	0.00	0.00	0.00
CAPITAL PURCHASES	0.00	0.00	0.00	0.00	0.00
CONSTRUCTION COSTS	0.00	0.00	0.00	0.00	0.00
LABOR COSTS	0.00	0.00	0.00	0.00	0.00
OTHER COSTS	0.00	0.00	0.00	0.00	0.00
PROFESSIONAL SERVICES	0.00	0.00	0.00	0.00	0.00
Preliminary Detail					
AW SUPERVISION	0.00	0.00	0.00	0.00	0.00
CAPITAL PURCHASES	0.00	0.00	0.00	0.00	0.00
CONSTRUCTION COSTS	0.00	0.00	0.00	0.00	0.00
LABOR COSTS	0.00	0.00	0.00	0.00	0.00
OTHER COSTS	40,365.05	0.00	0.00	0.00	0.00
PROFESSIONAL SERVICES	248,744.00	165,000.00	0.00	0.00	0.00
Implementation Detail					
AW SUPERVISION	0.00	0.00	0.00	0.00	0.00
CAPITAL PURCHASES	0.00	0.00	0.00	0.00	0.00
CONSTRUCTION COSTS	5,970,928.00	6,500,000.00	0.00	0.00	0.00
LABOR COSTS	88,600.00	108,700.00	0.00	0.00	0.00
OTHER COSTS	31,979.38	0.00	0.00	0.00	0.00
PROFESSIONAL SERVICES	292,500.00	350,500.00	0.00	0.00	0.00
Removals	465,000.00	100,000.00	0.00	0.00	0.00
AFUDC	312,027.00	355,482.22	0.00	0.00	0.00

Indirect Overhead	775,887.92	779,640.00	0.00	0.00	0.00
Contributions/ Advances	0.00	0.00	0.00	0.00	0.00
O&C	700,000.00	400,000.00	0.00	0.00	0.00
TOTAL	**8,926,031.35**	**8,759,322.22**	**0.00**	**0.00**	**0.00**

Annual Estimate		
Priors	323,789.03	0.00
This Year	1,548,329.10	207,833.85
This Year	7,053,913.22	2,792,450.97
Balance Years	0.00	5,904,037.40
TOTAL	**8,926,031.35**	**8,904,322.22**

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 15-00111
SECOND DISCOVERY SET OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Brent O'Neill

Question: 02-011

Refer to the Company's reply to CPAD Data Request Item 1-18 regarding a narrative copy of the BP16-2020 Strategic Capital Expenditure Plan. The Company's reply to CPAD 1-18 appears to be non-responsive in particular because the source data was not provided. Please provide a complete copy of the BP16-2020 Strategic Capital Expenditure Plan (the five year plan) – including all workpapers – referred to on the "EXH 2016 SCEP" tab in the electronic spreadsheet of the Company's filing.

Response:

Attached please find the 2016-2020 Strategic Capital Expenditure Plan. The expenditure plan was developed using the process previously described in CPAD Item 1-7, 2-7 and 2-10. The exhibits provided in CPAD Item 2-10 support the development of the EXH 2016 SCEP.

The Investment Projects are developed based on knowledge of the system and the development of each project manager's justification for each separate project. Copies of the justification documents that have been developed are also attached. The Project Descriptions and needs for each project that are part of the draft Comprehensive Planning Study for Tennessee American are attached as well.

At the time of the development of the 2016 SCEP the need for each project is compared against each project and a determination is made on the best deployment of capital to ensure that safety, regulatory requirements and system efficiency is improved or maintained.

Including the attachments to Item 2-10 of this same data request, this is all of the source information including workpapers for the EXH 2016 SCEP tab in the electronic spreadsheet of the Company's filing.

STRATEGIC CAPITAL EXPENDITURE PLAN									
PROGRAM									
Business Unit		Tennessee							
Revision Date		May 12, 2015							
Description		TN BP 2016-2020 SCEP							
					U.S. $	U.S. $	U.S. $	U.S. $	U.S. $
Business Unit	Rider	Business Unit No.	Project Title		Total 2016	Total 2017	Total 2018	Total 2019	Total 2020
			RECURRING PROJECTS						
Tennessee	No	DV	Projects Funded by Others		800,000.00	800,000.00	1,000,000.00	1,000,000.00	800,000.00
Tennessee	Yes	A	Mains - New		220,000.00	276,000.00	240,000.00	240,000.00	240,000.00
Tennessee	Yes	B	Mains - Replaced / Restored		830,500.00	1,794,000.00	2,400,000.00	3,125,000.00	3,125,000.00
Tennessee	Yes	C	Mains - Unscheduled		920,000.00	950,000.00	950,000.00	1,000,000.00	1,000,000.00
Tennessee	Yes	D	Mains - Relocated		250,000.00	350,000.00	405,000.00	405,000.00	435,000.00
Tennessee	Yes	E	Hydrants, Valves, and Manholes - New		50,000.00	56,700.00	79,200.00	79,200.00	79,200.00
Tennessee	Yes	F	Hydrants, Valves, and Manholes - Replaced		270,000.00	375,000.00	490,250.00	490,250.00	490,250.00
Tennessee	Yes	G	Services and Laterals - New		521,800.00	545,800.00	572,000.00	593,000.00	619,800.00
Tennessee	Yes	H	Services and Laterals - Replaced		250,000.00	402,500.00	468,750.00	475,000.00	475,000.00
Tennessee	Yes	I	Meters - New		194,900.00	206,900.00	212,600.00	218,250.00	225,850.00
Tennessee	Yes	J	Meters - Replaced		753,930.00	1,378,930.00	1,378,930.00	1,378,930.00	1,330,733.00
Tennessee	No	K	ITS Equipment and Systems		1,038,624.30	1,085,847.20	860,812.81	805,479.40	1,002,231.20
Tennessee	Yes	L	SCADA Equipment and Systems		260,000.00	140,000.00	100,000.00	60,000.00	85,000.00
Tennessee	Yes	M	Security Equipment and Systems		200,000.00	120,000.00	120,000.00	120,000.00	120,000.00
Tennessee	No	N	Offices and Operations Centers		40,000.00	50,000.00	50,000.00	50,000.00	50,000.00
Tennessee	No	O	Vehicles		333,000.00	659,000.00	501,000.00	559,000.00	947,000.00
Tennessee	No	P	Tools and Equipment		60,000.00	60,000.00	60,000.00	60,000.00	60,000.00
Tennessee	Yes	Q	Process Plant Facilities and Equipment		975,000.00	1,325,000.00	755,000.00	875,000.00	825,000.00
Tennessee	Yes	R	Capitalized Tank Rehabilitation/Painting			600,000.00	600,000.00	500,000.00	500,000.00
Tennessee	No	S	Engineering Studies			15,000.00	20,000.00	20,000.00	20,000.00
			Total Recurring Projects		7,167,754.30	10,390,677.20	10,263,542.81	11,054,109.40	11,630,064.20
			ACQUISITIONS						
Tennessee									
			Total Acquisitions						
			CENTRALLY SPONSORED PROJECTS						
Tennessee		T26-0202	Business Transformation 2010 - 2014						
Tennessee		T26-0203	Business Transformation 2010 - 2014						
			Total Centrally Sponsored Projects						
			INVESTMENT PROJECTS	In Service Date					
Tennessee	Yes	I26-020017	Electrical Motor Efficiency Enhancement ($2.9)	7/17/2018		1,628,000.00	1,272,000.00		
Tennessee	Yes	I26-020027	Construct 1.0MG Tank & 2500-16" ER ($2.5)	7/31/2019			1,000,000.00	500,000.00	2,000,000.00
Tennessee	Yes	I26-020028	Citico Plant Improvements Phase 1B ($9.2)	6/1/2016	6,649,996.72				
Tennessee	Yes	I26-020034	3000'-24" Tennessee River Crossin	12/29/2017		1,000,000.00			
Tennessee	Yes	I26-020038	Retire Basin 1 ($0.6)	11/30/2016	300,000.00				
Tennessee	Yes	I26-020039	Basin 2 Tube Settlers ($3.5)	7/30/2018		1,500,000.00	2,000,000.00		
Tennessee	Yes	I26-020040	Chlorine Gas Conversion ($4.5)	11/30/2020				2,500,000.00	2,000,000.00
Tennessee	No	I26-000002	Post Acquisition BD Capex		60,000.00	60,000.00			
			Total Investment Projects		7,009,996.72	4,188,000.00	4,272,000.00	3,000,000.00	4,000,000.00
			Total Investment and Centrally Sponsored Projects		7,009,996.72	4,188,000.00	4,272,000.00	3,000,000.00	4,000,000.00
			Contributions		(240,000.00)	(240,000.00)	(240,000.00)	(240,000.00)	(240,000.00)
			Advances		(700,000.00)	(700,000.00)	(700,000.00)	(700,000.00)	(700,000.00)
			Total Refunds		350,000.00	350,000.00	350,000.00	350,000.00	350,000.00
			Gross minus BT		14,977,751.02	15,378,677.20	15,535,542.81	15,054,109.40	16,430,064.20
					(590,000.00)	(590,000.00)	(590,000.00)	(590,000.00)	(590,000.00)
			Net minus BT		14,387,751.02	14,788,677.20	14,945,542.81	14,464,109.40	15,840,064.20
			Gross plus BT		14,977,751.02	15,378,677.20	15,535,542.81	15,054,109.40	16,430,064.20
					(590,000.00)	(590,000.00)	(590,000.00)	(590,000.00)	(590,000.00)
			Net plus BT		14,387,751.02	14,788,677.20	14,945,542.81	14,464,109.40	15,840,064.20
			REMOVALS RECURRING PROJECTS		(14,387,751.02)				

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STRATEGIC CAPITAL EXPENDITURE PLAN									
PROGRAM									
Business Unit		Tennessee							
Revision Date		May 12, 2015							
Description		TN BP 2016-2020 SCEP							
					U.S. $	U.S. $	U.S. $	U.S. $	U.S. $
Business Unit	**Rider**	**Business Unit No.**	**Project Title**		**Total 2016**	**Total 2017**	**Total 2018**	**Total 2019**	**Total 2020**
Business Unit		**Business Unit No.**	**Project Title**		**Total 2016**	**Total 2017**	**Total 2018**	**Total 2019**	**Total 2020**
Tennessee		B	Mains - Replaced / Restored		16,610.00	35,880.00	48,000.00	62,500.00	62,500.00
Tennessee		C	Mains - Unscheduled		202,400.00	209,000.00	209,000.00	220,000.00	220,000.00
Tennessee		F	Hydrants, Valves, and Manholes - Replaced		51,300.00	71,250.00	93,147.50	93,147.50	93,147.50
Tennessee		H	Services and Laterals - Replaced		47,500.00	76,475.00	89,062.50	90,250.00	90,250.00
Tennessee		J	Meters - Replaced		143,246.70	261,996.70	261,996.70	261,996.70	252,839.27
Tennessee		O	Vehicles						
Tennessee		Q	Process Plant Facilities and Equipment						
		I-38			300,000.00				
			Total Removals		**761,056.70**	**654,601.70**	**701,206.70**	**727,894.20**	**718,736.77**
				Gross	14,978				
					Total 2015				
				QIIP	3274				
				EDI	1070				
				SEC	8085				

Tennessee
May 12, 2015
TN BP 2016-2020 SCEP

Business Unit No.	Recurring Project Title	1	2	3	4	5	6	7	8	9	10	11	12	Total 2016
DV-2602-1	Projects Funded by Others	5,000.00	5,000.00	30,000.00	70,000.00	150,000.00	100,000.00	55,000.00	55,000.00	50,000.00	60,000.00	120,000.00	100,000.00	**800,000.00**
DV-2603-1	Projects Funded by Others													**0.00**
DV-2604-1	Projects Funded by Others													**0.00**
	TOTAL: Projects Funded by Others	**5,000.00**	**5,000.00**	**30,000.00**	**70,000.00**	**150,000.00**	**100,000.00**	**55,000.00**	**55,000.00**	**50,000.00**	**60,000.00**	**120,000.00**	**100,000.00**	800,000.00
RP-2602-A1	Mains - New				10,000.00	30,000.00	40,000.00	50,000.00	40,000.00	30,000.00	20,000.00			**220,000.00**
RP-2603-A1	Mains - New													**0.00**
RP-2604-A1	Mains - New													**0.00**
RP-2605-A1	Mains - New													**0.00**
A	Mains - New													**0.00**
	TOTAL: Mains - New	**0.00**	**0.00**	**0.00**	**10,000.00**	**30,000.00**	**40,000.00**	**50,000.00**	**40,000.00**	**30,000.00**	**20,000.00**	**0.00**	**0.00**	220,000.00
RP-2602-B1	Mains - Replaced / Restored	0.00	0.00	50,000.00	100,000.00	150,000.00	175,000.00	155,000.00	130,000.00	50,000.00	20,500.00			**830,500.00**
RP-2603-B1	Mains - Replaced / Restored													**0.00**
RP-26044-B1	Mains - Replaced / Restored													**0.00**
RP-2605-B1	Mains - Replaced / Restored													**0.00**
	TOTAL: Mains - Replaced / Restored	**0.00**	**0.00**	**50,000.00**	**100,000.00**	**150,000.00**	**175,000.00**	**155,000.00**	**130,000.00**	**50,000.00**	**20,500.00**	**0.00**	**0.00**	830,500.00
RP-2602-C1	Mains - Unscheduled	50,000.00	40,000.00	90,000.00	35,000.00	40,000.00	70,000.00	70,000.00	100,000.00	95,000.00	95,000.00	70,000.00	110,000.00	**865,000.00**
RP-2603-C1	Mains - Unscheduled	5,000.00												**5,000.00**
RP-2604-C1	Mains - Unscheduled													**0.00**
RP-2605-C1	Mains - Unscheduled	10,000.00	20,000.00									10,000.00	10,000.00	**50,000.00**
C	Mains - Unscheduled													**0.00**
	TOTAL: Mains - Unscheduled	**65,000.00**	**60,000.00**	**90,000.00**	**35,000.00**	**40,000.00**	**70,000.00**	**70,000.00**	**100,000.00**	**95,000.00**	**95,000.00**	**80,000.00**	**120,000.00**	920,000.00
RP-2602-D1	Mains - Relocated	0.00	0.00	30,000.00	40,000.00	100,000.00	50,000.00	30,000.00						**250,000.00**
RP-2603-D1	Mains - Relocated													**0.00**
RP-2604-D1	Mains - Relocated													**0.00**
RP-2605-D1	Mains - Relocated													**0.00**
D	Mains - Relocated													**0.00**
	TOTAL: Mains - Relocated	**0.00**	**0.00**	**30,000.00**	**40,000.00**	**100,000.00**	**50,000.00**	**30,000.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	250,000.00
RP-2602-E1	Hydrants, Valves, and Manholes - New	0.00	2,000.00	5,000.00	3,000.00	4,000.00	4,000.00	5,000.00	7,500.00	7,500.00	5,000.00	3,000.00	0.00	**46,000.00**
RP-2603-E1	Hydrants, Valves, and Manholes - New													**0.00**
RP-2604-E1	Hydrants, Valves, and Manholes - New													**0.00**
RP-2605-E1	Hydrants, Valves, and Manholes - New					1,000.00			1,000.00	1,000.00	1,000.00			**4,000.00**
E	Hydrants, Valves, and Manholes - New													**0.00**
	TOTAL: Hydrants, Valves, and Manholes - New	**0.00**	**2,000.00**	**5,000.00**	**3,000.00**	**5,000.00**	**4,000.00**	**5,000.00**	**8,500.00**	**8,500.00**	**6,000.00**	**3,000.00**	**0.00**	50,000.00
RP-2602-F1	Hydrants, Valves, and Manholes - Replaced			5,000.00	10,000.00	20,000.00	30,000.00	30,000.00	55,000.00	30,000.00	40,000.00	20,000.00	10,000.00	**250,000.00**
RP-2603-F1	Hydrants, Valves, and Manholes - Replaced													**0.00**
RP-2604-F1	Hydrants, Valves, and Manholes - Replaced													**0.00**
RP-2605-F1	Hydrants, Valves, and Manholes - Replaced				5,000.00				5,000.00		10,000.00			**20,000.00**
	TOTAL: Hydrants, Valves, and Manholes - Repl	**0.00**	**0.00**	**5,000.00**	**15,000.00**	**20,000.00**	**30,000.00**	**30,000.00**	**60,000.00**	**30,000.00**	**50,000.00**	**20,000.00**	**10,000.00**	270,000.00
RP-2602-G1	Services and Laterals - New	25,000.00	30,000.00	35,000.00	50,000.00	55,000.00	65,000.00	55,000.00	55,000.00	45,000.00	40,000.00	35,000.00	26,800.00	**516,800.00**
RP-2603-G1	Services and Laterals - New													**0.00**
RP-2604-G1	Services and Laterals - New													**0.00**
RP-2605-G1	Services and Laterals - New			1,000.00		1,000.00			1,000.00	1,000.00	1,000.00			**5,000.00**
	TOTAL: Services and Laterals - New	**25,000.00**	**30,000.00**	**36,000.00**	**50,000.00**	**56,000.00**	**65,000.00**	**55,000.00**	**56,000.00**	**46,000.00**	**41,000.00**	**35,000.00**	**26,800.00**	521,800.00
RP-2602-H1	Services and Laterals - Replaced		10,000.00	20,000.00	16,000.00	22,000.00	32,000.00	30,000.00	21,000.00	19,000.00	25,000.00	20,000.00	20,000.00	**235,000.00**
RP-2603-H1	Services and Laterals - Replaced													**0.00**
RP-2604-H1	Services and Laterals - Replaced													**0.00**
RP-2605-H1	Services and Laterals - Replaced				2,000.00	3,000.00	3,000.00	3,000.00	2,000.00	2,000.00				**15,000.00**
	TOTAL: Services and Laterals - Replaced	**0.00**	**10,000.00**	**20,000.00**	**18,000.00**	**25,000.00**	**35,000.00**	**33,000.00**	**23,000.00**	**21,000.00**	**25,000.00**	**20,000.00**	**20,000.00**	250,000.00
RP-2602-I1	Meters - New		10,000.00	15,000.00	20,000.00	20,000.00	30,000.00	30,000.00	20,000.00	15,000.00	15,000.00	10,000.00	2,500.00	**187,500.00**
RP-2603-I1	Meters - New													**0.00**
RP-2604-I1	Meters - New													**0.00**
RP-2605-I1	Meters - New				2,000.00	2,000.00	2,000.00	1,400.00						**7,400.00**
	TOTAL: Meters - New	**0.00**	**10,000.00**	**15,000.00**	**22,000.00**	**22,000.00**	**32,000.00**	**31,400.00**	**20,000.00**	**15,000.00**	**15,000.00**	**10,000.00**	**2,500.00**	194,900.00
RP-2602-J1	Meters - Replaced	50,000.00	35,000.00	60,000.00	50,000.00	30,000.00	30,000.00	70,000.00	68,930.00	80,000.00	120,000.00	85,000.00	50,000.00	**728,930.00**
RP-2603-J1	Meters - Replaced													**0.00**
RP-2604-J1	Meters - Replaced													**0.00**
RP-2605-J1	Meters - Replaced				5,000.00	5,000.00	5,000.00	5,000.00	5,000.00					**25,000.00**
	TOTAL: Meters - Replaced	**50,000.00**	**35,000.00**	**60,000.00**	**55,000.00**	**35,000.00**	**35,000.00**	**75,000.00**	**73,930.00**	**80,000.00**	**120,000.00**	**85,000.00**	**50,000.00**	753,930.00
RP-2602-K1	ITS Equipment and Systems	0.00	0.00	0.00	73,957.40	0.00	0.00	73,720.90	0.00	0.00	0.00	0.00	0.00	**147,678.30**
RP-2601-K3	ITS Equipment and Systems	31,446.00	45,747.00	68,246.00	68,119.00	65,518.00	80,102.00	79,867.00	95,843.00	102,398.00	86,528.00	92,404.00	74,728.00	**890,946.00**
RP-2603-K1														**0.00**
RP-2604-K1	ITS Equipment and Systems													**0.00**
RP-2605-K1	ITS Equipment and Systems													**0.00**

Business Unit No.	Recurring Project Title	1	2	3	4	5	6	7	8	9	10	11	12	Total 2016
	TOTAL: ITS Equipment and Systems	**31,446.00**	**45,747.00**	**68,246.00**	**142,076.40**	**65,518.00**	**80,102.00**	**153,587.90**	**95,843.00**	**102,398.00**	**86,528.00**	**92,404.00**	**74,728.00**	**1,038,624.30**
RP-2602-L1	SCADA Equipment and Systems						100,000.00	125,000.00						**225,000.00**
RP-2603-L1	SCADA Equipment and Systems													**0.00**
RP-2604-L1	SCADA Equipment and Systems													**0.00**
RP-2605-L1	SCADA Equipment and Systems					35,000.00								**35,000.00**
L	SCADA Equipment and Systems													**0.00**
	TOTAL: SCADA Equipment and Systems	**0.00**	**0.00**	**0.00**	**0.00**	**35,000.00**	**100,000.00**	**125,000.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**260,000.00**
RP-2602-M1	Security Equipment and Systems			10,000.00	10,000.00	20,000.00	20,000.00	10,000.00	20,000.00	20,000.00	25,000.00	20,000.00	20,000.00	**175,000.00**
RP-2603-M1	Security Equipment and Systems						25,000.00							**25,000.00**
RP-2604-M1	Security Equipment and Systems													**0.00**
RP-2605-M1	Security Equipment and Systems													**0.00**
	Security Equipment and Systems													**0.00**
	TOTAL: Security Equipment and Systems	**0.00**	**0.00**	**10,000.00**	**10,000.00**	**20,000.00**	**45,000.00**	**10,000.00**	**20,000.00**	**20,000.00**	**25,000.00**	**20,000.00**	**20,000.00**	**200,000.00**
RP-2602-N1	Offices and Operations Centers				40000									**40,000.00**
RP-2603-N1	Offices and Operations Centers													**0.00**
RP-2604-N1	Offices and Operations Centers													**0.00**
RP-2605-N1	Offices and Operations Centers													**0.00**
	TOTAL: Offices and Operations Centers	**0.00**	**0.00**	**0.00**	**40,000.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**40,000.00**
RP-2602-O1	Vehicles					83,250.00	83,250.00	83,250.00	83,250.00					**333,000.00**
RP-2602-O2	Vehicles - EDI													**0.00**
RP-2603-O1	Vehicles													**0.00**
RP-2604-O1	Vehicles													**0.00**
RP-2605-O1	Vehicles													**0.00**
	TOTAL: Vehicles	**0.00**	**0.00**	**0.00**	**0.00**	**83,250.00**	**83,250.00**	**83,250.00**	**83,250.00**	**0.00**	**0.00**	**0.00**	**0.00**	**333,000.00**
RP-2602-P1	Tools and Equipment	5,000.00	5,000.00	5,000.00	10,000.00	5,000.00	10,000.00	5,000.00	6,000.00	1,000.00	4,000.00	2,000.00	2,000.00	**60,000.00**
RP-2603-P1	Tools and Equipment													**0.00**
RP-2604-P1	Tools and Equipment													**0.00**
RP-2605-P1	Tools and Equipment													**0.00**
P	Tools and Equipment													**0.00**
	TOTAL: Tools and Equipment	**5,000.00**	**5,000.00**	**5,000.00**	**10,000.00**	**5,000.00**	**10,000.00**	**5,000.00**	**6,000.00**	**1,000.00**	**4,000.00**	**2,000.00**	**2,000.00**	**60,000.00**
RP-2602-Q1	Process Plant Facilities and Equipment	0.00	80,000.00	100,000.00	150,000.00	160,000.00	90,000.00	60,000.00	80,000.00	100,000.00	100,000.00	55,000.00		**975,000.00**
RP-2603-Q1	Process Plant Facilities and Equipment													**0.00**
RP-2604-Q1	Process Plant Facilities and Equipment													**0.00**
RP-2605-Q1	Process Plant Facilities and Equipment													**0.00**
Q	Process Plant Facilities and Equipment													**0.00**
	TOTAL: Process Plant Facilities and Equipment	**0.00**	**80,000.00**	**100,000.00**	**150,000.00**	**160,000.00**	**90,000.00**	**60,000.00**	**80,000.00**	**100,000.00**	**100,000.00**	**55,000.00**	**0.00**	**975,000.00**
RP-2602-R1	Capitalized Tank Rehabilitation/Painting													**0.00**
RP-2603-R1	Capitalized Tank Rehabilitation/Painting													**0.00**
RP-2604-R1														
RP-2605-R1	Capitalized Tank Rehabilitation/Painting													**0.00**
	TOTAL: Capitalized Tank Rehabilitation/Painting	**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**
RP-2602-S1	Engineering Studies													**0.00**
RP-2603-S1	Engineering Studies													**0.00**
RP-2604-S1	Engineering Studies													**0.00**
RP-2605-S1	Engineering Studies													**0.00**
S	Engineering Studies													**0.00**
	TOTAL: Engineering Studies	**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**
	TOTAL - DV & RP	181,446.00	282,747.00	524,246.00	770,076.40	1,001,768.00	1,044,352.00	1,026,237.90	851,523.00	648,898.00	668,028.00	542,404.00	426,028.00	7,967,754.30

Tennessee
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Business Unit No.	Recurring Project Title	1	2	3	4	5	6	7	8	9	10	11	12	Total 2017
DV-2602-1	Projects Funded by Others	10,000.00	10,000.00	50,000.00	80,000.00	150,000.00	150,000.00	90,000.00	80,000.00	80,000.00	80,000.00	120,000.00	100,000.00	**1,000,000.00**
DV-2603-1	Projects Funded by Others													**0.00**
DV-2604-1	Projects Funded by Others													**0.00**
	TOTAL: Projects Funded by Others	**10,000.00**	**10,000.00**	**50,000.00**	**80,000.00**	**150,000.00**	**150,000.00**	**90,000.00**	**80,000.00**	**80,000.00**	**80,000.00**	**120,000.00**	**100,000.00**	**1,000,000.00**
RP-2602-A1	Mains - New			10,000.00	25,000.00	40,000.00	46,000.00	60,000.00	45,000.00	30,000.00	20,000.00			**276,000.00**
RP-2603-A1	Mains - New													**0.00**
RP-2604-A1	Mains - New													**0.00**
RP-2605-A1	Mains - New													**0.00**
A	Mains - New													**0.00**
	TOTAL: Mains - New	**0.00**	**0.00**	**10,000.00**	**25,000.00**	**40,000.00**	**46,000.00**	**60,000.00**	**45,000.00**	**30,000.00**	**20,000.00**	**0.00**	**0.00**	**276,000.00**
RP-2602-B1	Mains - Replaced / Restored	10,000.00	50,000.00	100,000.00	180,000.00	225,000.00	304,000.00	250,000.00	200,000.00	200,000.00	150,000.00	75,000.00	50,000.00	**1,794,000.00**
RP-2603-B1	Mains - Replaced / Restored													**0.00**
RP-26044-B1	Mains - Replaced / Restored													**0.00**
RP-2605-B1	Mains - Replaced / Restored													**0.00**
	TOTAL: Mains - Replaced / Restored	**10,000.00**	**50,000.00**	**100,000.00**	**180,000.00**	**225,000.00**	**304,000.00**	**250,000.00**	**200,000.00**	**200,000.00**	**150,000.00**	**75,000.00**	**50,000.00**	**1,794,000.00**
RP-2602-C1	Mains - Unscheduled	70,000.00	40,000.00	90,000.00	35,000.00	40,000.00	70,000.00	80,000.00	100,000.00	95,000.00	95,000.00	70,000.00	110,000.00	**895,000.00**
RP-2603-C1	Mains - Unscheduled	5,000.00												**5,000.00**
RP-2604-C1	Mains - Unscheduled													**0.00**
RP-2605-C1	Mains - Unscheduled	10,000.00	20,000.00									10,000.00	10,000.00	**50,000.00**
C	Mains - Unscheduled													**0.00**
	TOTAL: Mains - Unscheduled	**85,000.00**	**60,000.00**	**90,000.00**	**35,000.00**	**40,000.00**	**70,000.00**	**80,000.00**	**100,000.00**	**95,000.00**	**95,000.00**	**80,000.00**	**120,000.00**	**950,000.00**
RP-2602-D1	Mains - Relocated	0.00	0.00	30,000.00	40,000.00	100,000.00	100,000.00	50,000.00	30,000.00					**350,000.00**
RP-2603-D1	Mains - Relocated													**0.00**
RP-2604-D1	Mains - Relocated													**0.00**
RP-2605-D1	Mains - Relocated													**0.00**
D	Mains - Relocated													**0.00**
	TOTAL: Mains - Relocated	**0.00**	**0.00**	**30,000.00**	**40,000.00**	**100,000.00**	**100,000.00**	**50,000.00**	**30,000.00**	**0.00**	**0.00**	**0.00**	**0.00**	**350,000.00**
RP-2602-E1	Hydrants, Valves, and Manholes - New	0.00	3,000.00	5,000.00	4,000.00	5,000.00	5,000.00	5,000.00	7,500.00	7,500.00	6,000.00	3,000.00	0.00	**51,000.00**
RP-2603-E1	Hydrants, Valves, and Manholes - New													**0.00**
RP-2604-E1	Hydrants, Valves, and Manholes - New													**0.00**
RP-2605-E1	Hydrants, Valves, and Manholes - New					1,000.00		1,700.00	1,000.00	1,000.00	1,000.00			**5,700.00**
E	Hydrants, Valves, and Manholes - New													**0.00**
	TOTAL: Hydrants, Valves, and Manholes - New	**0.00**	**3,000.00**	**5,000.00**	**4,000.00**	**6,000.00**	**5,000.00**	**6,700.00**	**8,500.00**	**8,500.00**	**7,000.00**	**3,000.00**	**0.00**	**56,700.00**
RP-2602-F1	Hydrants, Valves, and Manholes - Replaced		10,000.00	20,000.00	30,000.00	30,000.00	40,000.00	40,000.00	50,000.00	50,000.00	40,000.00	30,000.00	15,000.00	**355,000.00**
RP-2603-F1	Hydrants, Valves, and Manholes - Replaced													**0.00**
RP-2604-F1	Hydrants, Valves, and Manholes - Replaced													**0.00**
RP-2605-F1	Hydrants, Valves, and Manholes - Replaced				5,000.00				5,000.00		10,000.00			**20,000.00**
	TOTAL: Hydrants, Valves, and Manholes - Repl	**0.00**	**10,000.00**	**20,000.00**	**35,000.00**	**30,000.00**	**40,000.00**	**40,000.00**	**55,000.00**	**50,000.00**	**50,000.00**	**30,000.00**	**15,000.00**	**375,000.00**
RP-2602-G1	Services and Laterals - New	25,000.00	30,000.00	45,000.00	50,000.00	55,000.00	65,000.00	65,000.00	55,000.00	45,800.00	40,000.00	35,000.00	30,000.00	**540,800.00**
RP-2603-G1	Services and Laterals - New													**0.00**
RP-2604-G1	Services and Laterals - New													**0.00**
RP-2605-G1	Services and Laterals - New			1,000.00		1,000.00			1,000.00	1,000.00	1,000.00			**5,000.00**
	TOTAL: Services and Laterals - New	**25,000.00**	**30,000.00**	**46,000.00**	**50,000.00**	**56,000.00**	**65,000.00**	**65,000.00**	**56,000.00**	**46,800.00**	**41,000.00**	**35,000.00**	**30,000.00**	**545,800.00**
RP-2602-H1	Services and Laterals - Replaced	10,000.00	20,000.00	30,000.00	40,000.00	40,000.00	50,000.00	50,000.00	40,000.00	25,000.00	35,000.00	30,000.00	17,500.00	**387,500.00**
RP-2603-H1	Services and Laterals - Replaced													**0.00**
RP-2604-H1	Services and Laterals - Replaced													**0.00**
RP-2605-H1	Services and Laterals - Replaced				2,000.00	3,000.00	3,000.00	3,000.00	2,000.00	2,000.00				**15,000.00**
	TOTAL: Services and Laterals - Replaced	**10,000.00**	**20,000.00**	**30,000.00**	**42,000.00**	**43,000.00**	**53,000.00**	**53,000.00**	**42,000.00**	**27,000.00**	**35,000.00**	**30,000.00**	**17,500.00**	**402,500.00**
RP-2602-I1	Meters - New		10,000.00	15,000.00	22,000.00	22,000.00	34,000.00	30,000.00	24,000.00	15,000.00	15,000.00	10,000.00	2,500.00	**199,500.00**
RP-2603-I1	Meters - New													**0.00**
RP-2604-I1	Meters - New													**0.00**
RP-2605-I1	Meters - New				2,000.00	2,000.00	2,000.00	1,400.00						**7,400.00**
	TOTAL: Meters - New	**0.00**	**10,000.00**	**15,000.00**	**24,000.00**	**24,000.00**	**36,000.00**	**31,400.00**	**24,000.00**	**15,000.00**	**15,000.00**	**10,000.00**	**2,500.00**	**206,900.00**
RP-2602-J1	Meters - Replaced	75,000.00	75,000.00	100,000.00	100,000.00	150,000.00	150,000.00	150,000.00	150,000.00	150,000.00	103,930.00	100,000.00	75,000.00	**1,378,930.00**
RP-2603-J1	Meters - Replaced													**0.00**
RP-2604-J1	Meters - Replaced													**0.00**
RP-2605-J1	Meters - Replaced													**0.00**
	TOTAL: Meters - Replaced	**75,000.00**	**75,000.00**	**100,000.00**	**100,000.00**	**150,000.00**	**150,000.00**	**150,000.00**	**150,000.00**	**150,000.00**	**103,930.00**	**100,000.00**	**75,000.00**	**1,378,930.00**
RP-2602-K1	ITS Equipment and Systems	0	42960	0	55211.2	0	0	113384.7	0	0	0	0	0	**211,555.90**
RP-2601-K3	ITS Equipment and Systems	55,758.00	66,029.00	89,527.00	97,698.00	83,032.00	92,769.00	85,387.00	85,637.00	80,780.00	49,616.00	50,661.00	35,029.00	**871,923.00**
RP-2603-K1														
RP-2604-K1	ITS Equipment and Systems													**0.00**
RP-2605-K1	ITS Equipment and Systems						2,368.30							**2,368.30**

Business Unit No.	Recurring Project Title	1	2	3	4	5	6	7	8	9	10	11	12	Total 2017
	TOTAL: ITS Equipment and Systems	**55,758.00**	**108,989.00**	**89,527.00**	**152,909.20**	**83,032.00**	**95,137.30**	**198,771.70**	**85,637.00**	**80,780.00**	**49,616.00**	**50,661.00**	**35,029.00**	**1,085,847.20**
RP-2602-L1	SCADA Equipment and Systems				20,000.00	20,000.00	20,000.00							**60,000.00**
RP-2603-L1	SCADA Equipment and Systems				16,666.67	16,666.67	16,666.67							**50,000.00**
RP-2604-L1	SCADA Equipment and Systems													**0.00**
RP-2605-L1	SCADA Equipment and Systems				10,000.00	10,000.00	10,000.00							**30,000.00**
L	SCADA Equipment and Systems													**0.00**
	TOTAL: SCADA Equipment and Systems	**0.00**	**0.00**	**0.00**	**46,666.67**	**46,666.67**	**46,666.67**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**140,000.00**
RP-2602-M1	Security Equipment and Systems			5,000.00	5,000.00	10,000.00	10,000.00	5,000.00	10,000.00	20,000.00	15,000.00	20,000.00	10,000.00	**110,000.00**
RP-2603-M1	Security Equipment and Systems													**0.00**
RP-2604-M1	Security Equipment and Systems													**0.00**
RP-2605-M1	Security Equipment and Systems													**0.00**
	Security Equipment and Systems			1,000.00	4,000.00	5,000.00								**10,000.00**
	TOTAL: Security Equipment and Systems	**0.00**	**0.00**	**6,000.00**	**9,000.00**	**15,000.00**	**10,000.00**	**5,000.00**	**10,000.00**	**20,000.00**	**15,000.00**	**20,000.00**	**10,000.00**	**120,000.00**
RP-2602-N1	Offices and Operations Centers						50,000.00							**50,000.00**
RP-2603-N1	Offices and Operations Centers													**0.00**
RP-2604-N1	Offices and Operations Centers													**0.00**
RP-2605-N1	Offices and Operations Centers													**0.00**
	TOTAL: Offices and Operations Centers	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**50,000.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**50,000.00**
RP-2602-O1	Vehicles					164,750.00	164,750.00	164,750.00	164,750.00					**659,000.00**
RP-2602-O2	Vehicles - EDI													**0.00**
RP-2603-O1	Vehicles													**0.00**
RP-2604-O1	Vehicles													**0.00**
RP-2605-O1	Vehicles													**0.00**
	TOTAL: Vehicles	**0.00**	**0.00**	**0.00**	**0.00**	**164,750.00**	**164,750.00**	**164,750.00**	**164,750.00**	**0.00**	**0.00**	**0.00**	**0.00**	**659,000.00**
RP-2602-P1	Tools and Equipment	5,000.00	5,000.00	5,000.00	10,000.00	5,000.00	10,000.00	5,000.00	6,000.00	1,000.00	4,000.00	2,000.00	2,000.00	**60,000.00**
RP-2603-P1	Tools and Equipment													**0.00**
RP-2604-P1	Tools and Equipment													**0.00**
RP-2605-P1	Tools and Equipment													**0.00**
P	Tools and Equipment													**0.00**
	TOTAL: Tools and Equipment	**5,000.00**	**5,000.00**	**5,000.00**	**10,000.00**	**5,000.00**	**10,000.00**	**5,000.00**	**6,000.00**	**1,000.00**	**4,000.00**	**2,000.00**	**2,000.00**	**60,000.00**
RP-2602-Q1	Process Plant Facilities and Equipment	0.00	30,000.00	100,000.00	150,000.00	160,000.00	90,000.00	60,000.00	80,000.00	200,000.00	155,000.00	150,000.00	100,000.00	**1,275,000.00**
RP-2603-Q1	Process Plant Facilities and Equipment							50,000.00						**50,000.00**
RP-2604-Q1	Process Plant Facilities and Equipment													**0.00**
RP-2605-Q1	Process Plant Facilities and Equipment													**0.00**
Q	Process Plant Facilities and Equipment													**0.00**
	TOTAL: Process Plant Facilities and Equipment	**0.00**	**30,000.00**	**100,000.00**	**150,000.00**	**160,000.00**	**90,000.00**	**110,000.00**	**80,000.00**	**200,000.00**	**155,000.00**	**150,000.00**	**100,000.00**	**1,325,000.00**
RP-2602-R1	Capitalized Tank Rehabilitation/Painting								50000	75000	100000	150000	225000	**600,000.00**
RP-2603-R1	Capitalized Tank Rehabilitation/Painting													**0.00**
RP-2604-R1														
RP-2605-R1	Capitalized Tank Rehabilitation/Painting													**0.00**
	TOTAL: Capitalized Tank Rehabilitation/Painting	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**50,000.00**	**75,000.00**	**100,000.00**	**150,000.00**	**225,000.00**	**600,000.00**
RP-2602-S1	Engineering Studies				2000	2,000.00	5,000.00	3,000.00	2,000.00	1,000.00				**15,000.00**
RP-2603-S1	Engineering Studies													**0.00**
RP-2604-S1	Engineering Studies													**0.00**
RP-2605-S1	Engineering Studies													**0.00**
S	Engineering Studies													**0.00**
	TOTAL: Engineering Studies	**0.00**	**0.00**	**0.00**	**2,000.00**	**2,000.00**	**5,000.00**	**3,000.00**	**2,000.00**	**1,000.00**	**0.00**	**0.00**	**0.00**	**15,000.00**
	TOTAL - DV & RP	275,758.00	411,989.00	696,527.00	985,575.87	1,340,448.67	1,490,553.97	1,362,621.70	1,188,887.00	1,080,080.00	920,546.00	855,661.00	782,029.00	11,390,677.20

Justification Forms

Company Name	Tennessee-American Water	FP Number:	I26-020017
District	TN-Chattanooga	FP Description	Electrical Motor Efficiency Enhance
		Project Manager	Taylor, Randal D.

REQUEST SUMMARY

Project Funding Status

Requested Stage	PRELIMINARY	001	Requested Amount	2,900,000.00	Form Status	DRAFT
Authorized Stage		000	Authorized Amount	0.00	Authorized Date	

Scope Summary

Is this a change to the project scope? NO

The plant's medium and low voltage electrical equipment was provided when the plant was constructed, approximately 50 years ago.Based on industry standards associated with this type of equipment, it is considered at (or past) its "end of useful life". Thisproject will address this equipement and provide backup power to increase the reliability of the CITCO WTP.

Schedule Status

	Latest Authorized	Request Authorization
Estimated In-Service:		07/17/2018
Project Completion		12/28/2018

Is this a change to the project Schedule? NO

Cost Summary

Annual Estimate	Latest Authorized	Requested Change
Priors	0.00	0.00
This Year	0.00	0.00
Year 2	0.00	1,628,000.00
Year 3	0.00	0.00
Balance Years	0.00	1,272,000.00
TOTAL	**0.00**	**2,900,000.00**

Is this a change in Annual Expenditure? NO

Detailed Estimate

Additions	0.00	2,640,500.00
Removals	0.00	0.00
AFUDC	0.00	0.00
Indirect Overhead	0.00	259,500.00
Contributions/advances	0.00	0.00
SUBTOTAL	0.00	2,900,000.00
O&C	0.00	0.00
TOTAL	**0.00**	**2,900,000.00**

Is this a change in total project estimate? NO

What is the anticipated Rate Impact? 0.1

Is project eligible for DSIC-type recovery? YES

If forward looking state, what is approved rate? 8.7

Will project impact Operating Costs? NO

Justification Forms

Company Name	Tennessee-American Water	FP Number:	I26-020017
District	TN-Chattanooga	FP Description	Electrical Motor Efficiency Enhance
		Project Manager	Taylor, Randal D.

SCOPE

Project Basis

Basis of Recommendation:		Initial Estimate:	2,900,000.00
Study Title and Year:		Initial Estimate Year:	0000
Study Project No. :		Add Study Hyperlink	

PROJECT ASSETS AND PURPOSE CODES

Asset Owner: TO BE DETERMINED

ASSET CODE	PERCENT	PURPOSE CODE	PERCENT
311 - PUMPING EQUIPMENT	100.00	EFFICIENCY PAYBACK >5 YRS	100.00
	0.00		0.00
	0.00		0.00
	0.00		
TOTAL	**100%**	**TOTAL**	**100%**

PROBLEM OR OPPORTUNITY

The plant's medium and low voltage electrical equipment was provided when the plant was constructed, approximately 50 years ago.
Based on industry standards associated with this type of equipment, it is considered at (or past) its "end of useful life". Old equipment also poses a safety hazard, particularly breakers and/or relays that have not been tested for viability and/or maintained.

Replacement of the medium voltage fusible switchgear equipment will provide redundant low voltage power throughout the facility.
Though there is a dual power feed coming in to the plant, the raw and finished water pumps do not currently have an on-site auxiliary power source. In the event of a widespread power outage of extended duration, much of the service area would lose water
service, potentially impacting over 75,000 customers.

INVESTIGATED OPTIONS

The option is to do nothing and continue as-is, however the risk of substantial damage to the electrical gear increases with time.
An option is to do nothing and continue to rely on the dual feed coming in to the Citico WTP. In the event of a large scale outage,
however, both feeds have the potential of being out of commission, resulting in a loss of all pumping at the Citico plant.

RECOMMENDED SOLUTION

It is recommended that the existing Magna-Blast breakers (Main-Tie-Main) be replaced with new GE Power/Vac Vertical Lift (VL)
breakers allowing the existing switchgear to remain. Additionally, the old electro-mechanical relaying should also be replaced with
new electronic type units as provided by SEL (AW Preferred Manufacturer) for the specific operation and control interface.
It is also recommended for testing and replacement of various medium voltage equipment
A new 2MW generator is recommended

MEASURABLE BENEFITS Quantity: Units: X

The project addresses a potential safety issue, as the electrical equipment is old and much of the equipment has not been tested.
This is especially true with the breakers and protective relays, which are addressed in this project. Also, due to the obsolescence
of much of the equipment, replacement parts will be difficult to obtain – this project will provide for the stockpiling of replacement parts. Finally, the medium voltage transformers will be replaced as part of this project, increasing the reliability of
the plant.The generator will provide backup power to TNAW's Citico WTP plant which will significantly improve system reliability for
average day demand.

RETIREMENT INFORMATION

PROJECT DELIVERY - Preliminary Stage Deliverable:

Impl. Delivery Method: CONVENTIONAL DESIGN-BID-BUILD

Project Delivery Risks: OTHER

PROJECT RISKS DETAILS:

Due to the age of the equipment additional work may be required that will impact both cost and schedule

Justification Forms

Company Name	Tennessee-American Water	FP Number:	I26-020017
District	TN-Chattanooga	FP Description	Electrical Motor Efficiency Enhance
		Project Manager	Taylor, Randal D.

IMPACTS & SCHEDULE

Project Impacts & Recovery

What is the anticipated Rate Impact?	0.1
If forward looking rate state, what is the approved rate?	8.7
Is project eligible for DSIC-type recovery?	YES
Is Project Expected to Impact Operating Expenses?	NO

OPEX Discussion:

Schedule Status

	Project Start Date	Implementation Start Date	In-Service Date	Completion Date	Critical Date	Reason for Critical Date
Forecast	01/04/2016		07/17/2018	12/28/2018		
Authorize						
Prior						

Schedule Comments

Justification Forms

Company Name	Tennessee-American Water	FP Number:	I26-020017
District	TN-Chattanooga	FP Description	Electrical Motor Efficiency Enhance
		Project Manager	Taylor, Randal D.

COST

DETAILED ESTIMATE Additions	Latest Forecast	Latest Authorized			
			000	000	000
Planning Summary	0.00	0.00	0.00	0.00	0.00
Preliminary Summary	170,000.00	0.00	0.00	0.00	0.00
Implementation Summary	2,470,500.00	0.00	0.00	0.00	0.00
Planning Detail					
AW SUPERVISION	0.00	0.00	0.00	0.00	0.00
CAPITAL PURCHASES	0.00	0.00	0.00	0.00	0.00
CONSTRUCTION COSTS	0.00	0.00	0.00	0.00	0.00
LABOR COSTS	0.00	0.00	0.00	0.00	0.00
OTHER COSTS	0.00	0.00	0.00	0.00	0.00
PROFESSIONAL SERVICES	0.00	0.00	0.00	0.00	0.00
Preliminary Detail					
AW SUPERVISION	0.00	0.00	0.00	0.00	0.00
CAPITAL PURCHASES	0.00	0.00	0.00	0.00	0.00
CONSTRUCTION COSTS	0.00	0.00	0.00	0.00	0.00
LABOR COSTS	0.00	0.00	0.00	0.00	0.00
OTHER COSTS	0.00	0.00	0.00	0.00	0.00
PROFESSIONAL SERVICES	170,000.00	0.00	0.00	0.00	0.00
Implementation Detail					
AW SUPERVISION	0.00	0.00	0.00	0.00	0.00
CAPITAL PURCHASES	0.00	0.00	0.00	0.00	0.00
CONSTRUCTION COSTS	2,470,500.00	0.00	0.00	0.00	0.00
LABOR COSTS	0.00	0.00	0.00	0.00	0.00
OTHER COSTS	0.00	0.00	0.00	0.00	0.00
PROFESSIONAL SERVICES	0.00	0.00	0.00	0.00	0.00
Removals	0.00	0.00	0.00	0.00	0.00
AFUDC	0.00	0.00	0.00	0.00	0.00

Indirect Overhead	259,500.00	0.00	0.00	0.00	0.00
Contributions/ Advances	0.00	0.00	0.00	0.00	0.00
O&C	0.00	0.00	0.00	0.00	0.00
TOTAL	**2,900,000.00**	**0.00**	**0.00**	**0.00**	**0.00**

Annual Estimate		
Priors	0.00	0.00
This Year	0.00	0.00
This Year	1,628,000.00	0.00
Balance Years	1,272,000.00	0.00
TOTAL	**2,900,000.00**	**0.00**

Justification Forms

Company Name	Tennessee-American Water	FP Number:	I26-020027
District	TN-Chattanooga	FP Description	Construct 1.0MG Tank & 2500-16" ER
		Project Manager	Taylor, Randal D.

REQUEST SUMMARY

Project Funding Status

Requested Stage	PRELIMINARY	001	Requested Amount	3,500,000.00	Form Status	DRAFT
Authorized Stage		000	Authorized Amount	0.00	Authorized Date	

Scope Summary

Is this a change to the project scope?

Construct a 1 MG ground reservoir and pump station in the southeast portion of the East Ridge - South gradient. If the project isnot completed, the South gradient will not have adequate storage capacity, which may result in low or marginal pressures during peakdemands, and the inability to deliver adequate fire flows. The lack of storage in the southeast portion of the gradient may impactthe ability to deliver the needed peak flows to TNAW's customers in this area, especially the projected peak flows to Catoosa UD.The lack of storage would require even larger transmission mains to the area in order to maintain adequate levels of service.

Schedule Status

	Latest Authorized	Request Authorization
Estimated In-Service:		07/31/2019
Project Completion		12/27/2019

Is this a change to the project Schedule? NO

Cost Summary

Annual Estimate	Latest Authorized	Requested Change
Priors	0.00	0.00
This Year	0.00	0.00
Year 2	0.00	0.00
Year 3	0.00	0.00
Balance Years	0.00	3,500,000.00
TOTAL	**0.00**	**3,500,000.00**

Is this a change in Annual Expenditure? NO

Detailed Estimate

Additions	0.00	3,500,000.00
Removals	0.00	0.00
AFUDC	0.00	0.00
Indirect Overhead	0.00	0.00
Contributions/advances	0.00	0.00
SUBTOTAL	0.00	3,500,000.00
O&C	0.00	0.00
TOTAL	**0.00**	**3,500,000.00**

Is this a change in total project estimate? NO

What is the anticipated Rate Impact? 0.1

Is project eligible for DSIC-type recovery? YES

If forward looking state, what is approved rate? 8.7

Will project impact Operating Costs? NO

Justification Forms

Company Name	Tennessee-American Water	FP Number:	I26-020027
District	TN-Chattanooga	FP Description	Construct 1.0MG Tank & 2500-16" ER
		Project Manager	Taylor, Randal D.

SCOPE

Project Basis

Basis of Recommendation:		Initial Estimate:	3,500,000.00
Study Title and Year:		Initial Estimate Year:	0000
Study Project No. :		Add Study Hyperlink	

PROJECT ASSETS AND PURPOSE CODES

Asset Owner: TO BE DETERMINED

ASSET CODE	PERCENT	PURPOSE CODE	PERCENT
330 - DIST RESERVOIRS & STANDPIPES	100.00	REL/QUAL CUSTOMER (PRES TASTE ETC)	50.00
	0.00	GROWTH/CAP IN FRANCHISE >3 YRS	50.00
	0.00		0.00
	0.00	TOTAL	100%
TOTAL	100%		

PROBLEM OR OPPORTUNITY

The East Ridge gradient as it is currently aligned has a storage deficit. The recommendation to divide the gradient into East Ridge
– North ("North") and East Ridge – South ("South") provides adequate storage capacity for the North, but a storage deficit exists in
the South. The need for additional storage capacity is driven by the large demands in the gradient and the projection for continued
growth, especially with the delivery of higher flows to Catoosa UD.

INVESTIGATED OPTIONS

Options:
The option to retire the East Ridge reservoir, or convert it to pumped storage, was considered in the evaluation of new storage in
the gradient. It was determined that pumping from the reservoir would not provide any benefit. The use of the East Ridge reservoir
as floating storage maintains a suitable and effective HGL for the gradient. It is not necessary to raise the HGL in the gradient by
pumping from the reservoir. In fact, this would result in excessively high service pressures for the lowest elevation customers in
the gradient. Retiring the East Ridge reservoir would also provide a challenge in maintaining a consistent HGL and resulting
pressures on the west side of the gradient, where most of the highest elevation customers are located. Thus, it is recommended

to
keep the East Ridge reservoir in service as a floating reservoir.
The option to construct more than 1 MG in storage volume can be considered. The benefits of providing additional storage volume
should be weighed against the challenges presented in providing adequate water turnover from a larger storage facility.
Other locations can be considered for construction of the proposed storage facility. If land is available to construct the storage facility at a higher ground elevation, this would reduce the required pumping head when delivering pumped flow into the system from
the tank, thus reducing energy costs.

RECOMMENDED SOLUTION

A volume of 1 MG is recommended for the ground reservoir to provide the needed storage volume through the 2030 planning horizon and
beyond. As noted earlier, approximately 0.8 MG in additional storage volume is needed through 2030 to meet just the equalization and
fire reserve needs. The additional volume is recommended to provide additional service reliability in the event of an emergency or
critical failure in another part of the system which would restrict the ability to deliver water to the South gradient. It will also get the system closer to meeting the TDEC guidelines for storage, which recommend having a total storage volume in the system equal
to the average day demand.
Two pumps, each with preliminary design capacities of 3.0 mgd at 275 ft TDH, are recommended at the pump station. Variable frequency
drive (VFD) motors are recommended to enable the delivery of a range of flows into the system. A generator is also recommended to
provide backup power in the event of a power outage.

MEASURABLE BENEFITS Quantity: Units: X

Construction of the proposed storage facility will provide adequate storage volume in the East Ridge – South gradient. This project,
along with the recommendations to divide the East Ridge gradient, will enable more consistent service delivery, especially when peak
flows are delivered to Catoosa UD. The ability to deliver equalization and fire flows from the proposed storage facility to meet the
peak flows in the area will reduce the needed transmission capacity from the East Ridge booster station and reservoir. This will
also enable more consistent service pressures in the gradient.
Model simulation indicates that the South gradient can provide adequate service delivery with the proposed gradient modification and
new storage facility, while providing flows of up to approximately 2.5 mgd to Catoosa UD. Additional transmission capacity is
recommended in a separate project for delivering flows higher than 2.5 mgd to Catoosa UD.

RETIREMENT INFORMATION

PROJECT DELIVERY - Preliminary Stage Deliverable:

Impl. Delivery Method: CONVENTIONAL DESIGN-BID-BUILD

Project Delivery Risks: SCHEDULE

PROJECT RISKS DETAILS:

Justification Forms

Company Name	Tennessee-American Water	FP Number:	I26-020027
District	TN-Chattanooga	FP Description	Construct 1.0MG Tank & 2500-16" ER
		Project Manager	Taylor, Randal D.

IMPACTS & SCHEDULE

Project Impacts & Recovery

What is the anticipated Rate Impact?	0.1
If forward looking rate state, what is the approved rate?	8.7
Is project eligible for DSIC-type recovery?	YES
Is Project Expected to Impact Operating Expenses?	NO

OPEX Discussion:

Schedule Status

	Project Start Date	Implementation Start Date	In-Service Date	Completion Date	Critical Date	Reason for Critical Date
Forecast	01/02/2018		07/31/2019	12/27/2019		
Authorize						
Prior						

Schedule Comments

Justification Forms

Company Name	Tennessee-American Water	FP Number:	I26-020027
District	TN-Chattanooga	FP Description	Construct 1.0MG Tank & 2500-16" ER
		Project Manager	Taylor, Randal D.

COST

DETAILED ESTIMATE Additions	Latest Forecast	Latest Authorized			
			000	000	000
Planning Summary	0.00	0.00	0.00	0.00	0.00
Preliminary Summary	0.00	0.00	0.00	0.00	0.00
Implementation Summary	3,500,000.00	0.00	0.00	0.00	0.00
Planning Detail					
AW SUPERVISION	0.00	0.00	0.00	0.00	0.00
CAPITAL PURCHASES	0.00	0.00	0.00	0.00	0.00
CONSTRUCTION COSTS	0.00	0.00	0.00	0.00	0.00
LABOR COSTS	0.00	0.00	0.00	0.00	0.00
OTHER COSTS	0.00	0.00	0.00	0.00	0.00
PROFESSIONAL SERVICES	0.00	0.00	0.00	0.00	0.00
Preliminary Detail					
AW SUPERVISION	0.00	0.00	0.00	0.00	0.00
CAPITAL PURCHASES	0.00	0.00	0.00	0.00	0.00
CONSTRUCTION COSTS	0.00	0.00	0.00	0.00	0.00
LABOR COSTS	0.00	0.00	0.00	0.00	0.00
OTHER COSTS	0.00	0.00	0.00	0.00	0.00
PROFESSIONAL SERVICES	0.00	0.00	0.00	0.00	0.00
Implementation Detail					
AW SUPERVISION	0.00	0.00	0.00	0.00	0.00
CAPITAL PURCHASES	0.00	0.00	0.00	0.00	0.00
CONSTRUCTION COSTS	3,500,000.00	0.00	0.00	0.00	0.00
LABOR COSTS	0.00	0.00	0.00	0.00	0.00
OTHER COSTS	0.00	0.00	0.00	0.00	0.00
PROFESSIONAL SERVICES	0.00	0.00	0.00	0.00	0.00
Removals	0.00	0.00	0.00	0.00	0.00
AFUDC	0.00	0.00	0.00	0.00	0.00

Indirect Overhead	0.00	0.00	0.00	0.00	0.00
Contributions/ Advances	0.00	0.00	0.00	0.00	0.00
O&C	0.00	0.00	0.00	0.00	0.00
TOTAL	**3,500,000.00**	**0.00**	**0.00**	**0.00**	**0.00**

Annual Estimate		
Priors	0.00	0.00
This Year	0.00	0.00
This Year	0.00	0.00
Balance Years	3,500,000.00	0.00
TOTAL	**3,500,000.00**	**0.00**

Justification Forms

Company Name	Tennessee-American Water	FP Number:	I26-020034
District	TN-Chattanooga	FP Description	3000'-24" Tennessee River Crossin
		Project Manager	Taylor, Randal D.

REQUEST SUMMARY

Project Funding Status

Requested Stage	PRELIMINARY	001	Requested Amount	1,000,000.00	Form Status	DRAFT
Authorized Stage		000	Authorized Amount	0.00	Authorized Date	

Scope Summary

Is this a change to the project scope?

Improved service reliability is needed to the area north of the Tennessee River in the event of a critical failure on the existing30-inch river crossing. The new river crossing will improve reliability in the event of a critical main break on the existing 30-inch main. It provides complete redundancy and allows for serving future growth in this area of the system.

Schedule Status

	Latest Authorized	Request Authorization
Estimated In-Service:		11/30/2017
Project Completion		12/29/2017

Is this a change to the project Schedule? NO

Cost Summary

Annual Estimate

	Latest Authorized	Requested Change
Priors	0.00	0.00
This Year	0.00	0.00
Year 2	0.00	1,000,000.00
Year 3	0.00	0.00
Balance Years	0.00	0.00
TOTAL	**0.00**	**1,000,000.00**

Is this a change in Annual Expenditure? NO

Detailed Estimate

Additions	0.00	1,000,000.00
Removals	0.00	0.00
AFUDC	0.00	0.00
Indirect Overhead	0.00	0.00
Contributions/advances	0.00	0.00
SUBTOTAL	0.00	1,000,000.00
O&C	0.00	0.00
TOTAL	**0.00**	**1,000,000.00**

Is this a change in total project estimate? NO

What is the anticipated Rate Impact? 0.1

Is project eligible for DSIC-type recovery? YES

If forward looking state, what is approved rate? 8.7

Will project impact Operating Costs? NO

Justification Forms

Company Name	Tennessee-American Water	FP Number:	I26-020034
District	TN-Chattanooga	FP Description	3000'-24" Tennessee River Crossin
		Project Manager	Taylor, Randal D.

SCOPE

Project Basis

Basis of Recommendation:		Initial Estimate:	1,500,000.00
Study Title and Year:		Initial Estimate Year:	2015
Study Project No. :		Add Study Hyperlink	

PROJECT ASSETS AND PURPOSE CODES

Asset Owner: TO BE DETERMINED

ASSET CODE	PERCENT	PURPOSE CODE	PERCENT
331 - TRANS & DISTRIBUTION MAINS	100.00	GROWTH/CAP IN FRANCHISE <3 YRS	100.00
	0.00		0.00
	0.00		0.00
	0.00		
TOTAL	100%	TOTAL	100%

PROBLEM OR OPPORTUNITY

Improved service reliability is needed to the area north of the Tennessee River in the event of a critical failure on the existing 30-inch river crossing.

INVESTIGATED OPTIONS

Other options have been evaluated by TNAW, including installing two or more pipelines across the Olgiati Bridge. Because of pipeline
diameter limitations on the bridge, and the high estimated cost, this is no longer an option. Directional drilling under the river appears to be the most feasible option, though other cost effective options should be considered.

RECOMMENDED SOLUTION

Company has decideed to install a 24-inch diameter main under the Tennessee River using directional drilling, located parallel to
the existing 30-inch main extending north from the Citico WTP, as shown in the exhibit on the following page. This is an alternative to the Project Descirption that proposes a 30 inch crossing. It is expected it will reduce the project cost to $1,000,000 instead of the estimated $1,500,000.

MEASURABLE BENEFITS Quantity: Units: X

The new river crossing will improve reliability in the event of a critical main break on the existing 30-inch main. It provides complete redundancy and allows for serving future growth in this area of the system.

RETIREMENT INFORMATION

PROJECT DELIVERY - Preliminary Stage Deliverable:

Impl. Delivery Method: CONVENTIONAL DESIGN-BID-BUILD

Project Delivery Risks: PERMITTING

PROJECT RISKS DETAILS:

Ability to obtain a permit to install the main under the river.

Justification Forms

Company Name	Tennessee-American Water	FP Number:	I26-020034
District	TN-Chattanooga	FP Description	3000'-24" Tennessee River Crossin
		Project Manager	Taylor, Randal D.

IMPACTS & SCHEDULE

Project Impacts & Recovery

What is the anticipated Rate Impact?	0.0
If forward looking rate state, what is the approved rate?	0.0
Is project eligible for DSIC-type recovery?	YES
Is Project Expected to Impact Operating Expenses?	

OPEX Discussion:

Schedule Status

	Project Start Date	Implementation Start Date	In-Service Date	Completion Date	Critical Date	Reason for Critical Date
Forecast	01/03/2017		11/30/2017	12/29/2017		
Authorize						
Prior						

Schedule Comments

Justification Forms

Company Name	Tennessee-American Water	FP Number:	I26-020034
District	TN-Chattanooga	FP Description	3000'-24" Tennessee River Crossin
		Project Manager	Taylor, Randal D.

COST

DETAILED ESTIMATE Additions	Latest Forecast	Latest Authorized			
			000	000	000
Planning Summary	0.00	0.00	0.00	0.00	0.00
Preliminary Summary	0.00	0.00	0.00	0.00	0.00
Implementation Summary	1,000,000.00	0.00	0.00	0.00	0.00
Planning Detail					
AW SUPERVISION	0.00	0.00	0.00	0.00	0.00
CAPITAL PURCHASES	0.00	0.00	0.00	0.00	0.00
CONSTRUCTION COSTS	0.00	0.00	0.00	0.00	0.00
LABOR COSTS	0.00	0.00	0.00	0.00	0.00
OTHER COSTS	0.00	0.00	0.00	0.00	0.00
PROFESSIONAL SERVICES	0.00	0.00	0.00	0.00	0.00
Preliminary Detail					
AW SUPERVISION	0.00	0.00	0.00	0.00	0.00
CAPITAL PURCHASES	0.00	0.00	0.00	0.00	0.00
CONSTRUCTION COSTS	0.00	0.00	0.00	0.00	0.00
LABOR COSTS	0.00	0.00	0.00	0.00	0.00
OTHER COSTS	0.00	0.00	0.00	0.00	0.00
PROFESSIONAL SERVICES	0.00	0.00	0.00	0.00	0.00
Implementation Detail					
AW SUPERVISION	0.00	0.00	0.00	0.00	0.00
CAPITAL PURCHASES	0.00	0.00	0.00	0.00	0.00
CONSTRUCTION COSTS	1,000,000.00	0.00	0.00	0.00	0.00
LABOR COSTS	0.00	0.00	0.00	0.00	0.00
OTHER COSTS	0.00	0.00	0.00	0.00	0.00
PROFESSIONAL SERVICES	0.00	0.00	0.00	0.00	0.00
Removals	0.00	0.00	0.00	0.00	0.00
AFUDC	0.00	0.00	0.00	0.00	0.00

Indirect Overhead	0.00	0.00	0.00	0.00	0.00
Contributions/ Advances	0.00	0.00	0.00	0.00	0.00
O&C	0.00	0.00	0.00	0.00	0.00
TOTAL	**1,000,000.00**	**0.00**	**0.00**	**0.00**	**0.00**

Annual Estimate		
Priors	0.00	0.00
This Year	0.00	0.00
This Year	1,000,000.00	0.00
Balance Years	0.00	0.00
TOTAL	**1,000,000.00**	**0.00**

Justification Forms

Company Name	Tennessee-American Water	FP Number:	I26-020038
District	TN-Chattanooga	FP Description	Retire Citico Basin 1
		Project Manager	O'Neill, Brent E.

REQUEST SUMMARY

Project Funding Status

Requested Stage	PRELIMINARY	001	Requested Amount	600,000.00	Form Status	DRAFT
Authorized Stage		000	Authorized Amount	0.00	Authorized Date	

Scope Summary

Is this a change to the project scope? NO

This project is recommended in the CPS due to Basin 1 concrete testing indicating considerably low compressive strength in severalof the samples. Due to the results the basin is considered a potential hazard and should be retired following Basin 3Rehabilitation.

Schedule Status

	Latest Authorized	Request Authorization
Estimated In-Service:		11/30/2016
Project Completion		12/30/2016

Is this a change to the project Schedule? NO

Cost Summary

Annual Estimate

	Latest Authorized	Requested Change
Priors	0.00	0.00
This Year	0.00	0.00
Year 2	0.00	0.00
Year 3	0.00	0.00
Balance Years	0.00	600,000.00
TOTAL	**0.00**	**600,000.00**

Is this a change in Annual Expenditure? NO

Detailed Estimate

Additions	0.00	300,000.00
Removals	0.00	300,000.00
AFUDC	0.00	0.00
Indirect Overhead	0.00	0.00
Contributions/advances	0.00	0.00
SUBTOTAL	0.00	600,000.00
O&C	0.00	0.00
TOTAL	**0.00**	**600,000.00**

Is this a change in total project estimate? NO

What is the anticipated Rate Impact? 0.0

Is project eligible for DSIC-type recovery? YES

If forward looking state, what is approved rate? 7.0

Will project impact Operating Costs? NO

Justification Forms

Company Name	Tennessee-American Water	FP Number:	I26-020038
District	TN-Chattanooga	FP Description	Retire Citico Basin 1
		Project Manager	O'Neill, Brent E.

SCOPE

Project Basis

Basis of Recommendation:	CPS	Initial Estimate:	430,000.00
Study Title and Year:		Initial Estimate Year:	2014
Study Project No. :		Add Study Hyperlink	

PROJECT ASSETS AND PURPOSE CODES

Asset Owner: TO BE DETERMINED

ASSET CODE	PERCENT	PURPOSE CODE	PERCENT
304 - STRUCTURES AND IMPROVEMENTS	80.00	ASSET RENEWAL IMM/ACTUAL FAILURE	100.00
320 - WATER TREATMENT PLANT EQUIP	20.00		0.00
	0.00		0.00
	0.00		
TOTAL	**100%**	**TOTAL**	**100%**

PROBLEM OR OPPORTUNITY

INVESTIGATED OPTIONS

RECOMMENDED SOLUTION

MEASURABLE BENEFITS Quantity: Units: X

RETIREMENT INFORMATION

PROJECT DELIVERY - Preliminary Stage Deliverable:

Impl. Delivery Method: Project Delivery Risks:

PROJECT RISKS DETAILS:

Justification Forms

Company Name	Tennessee-American Water	FP Number:	I26-020038
District	TN-Chattanooga	FP Description	Retire Citico Basin 1
		Project Manager	O'Neill, Brent E.

IMPACTS & SCHEDULE

Project Impacts & Recovery

What is the anticipated Rate Impact?	0.0
If forward looking rate state, what is the approved rate?	0.0
Is project eligible for DSIC-type recovery?	YES
Is Project Expected to Impact Operating Expenses?	

OPEX Discussion:

Schedule Status

	Project Start Date	Implementation Start Date	In-Service Date	Completion Date	Critical Date	Reason for Critical Date
Forecast	05/27/2016		11/30/2016	12/30/2016		
Authorize						
Prior						

Schedule Comments

Justification Forms

Company Name	Tennessee-American Water	FP Number:	I26-020038
District	TN-Chattanooga	FP Description	Retire Citico Basin 1
		Project Manager	O'Neill, Brent E.

COST

DETAILED ESTIMATE Additions	Latest Forecast	Latest Authorized			
			000	000	000
Planning Summary	0.00	0.00	0.00	0.00	0.00
Preliminary Summary	0.00	0.00	0.00	0.00	0.00
Implementation Summary	300,000.00	0.00	0.00	0.00	0.00
Planning Detail					
AW SUPERVISION	0.00	0.00	0.00	0.00	0.00
CAPITAL PURCHASES	0.00	0.00	0.00	0.00	0.00
CONSTRUCTION COSTS	0.00	0.00	0.00	0.00	0.00
LABOR COSTS	0.00	0.00	0.00	0.00	0.00
OTHER COSTS	0.00	0.00	0.00	0.00	0.00
PROFESSIONAL SERVICES	0.00	0.00	0.00	0.00	0.00
Preliminary Detail					
AW SUPERVISION	0.00	0.00	0.00	0.00	0.00
CAPITAL PURCHASES	0.00	0.00	0.00	0.00	0.00
CONSTRUCTION COSTS	0.00	0.00	0.00	0.00	0.00
LABOR COSTS	0.00	0.00	0.00	0.00	0.00
OTHER COSTS	0.00	0.00	0.00	0.00	0.00
PROFESSIONAL SERVICES	0.00	0.00	0.00	0.00	0.00
Implementation Detail					
AW SUPERVISION	0.00	0.00	0.00	0.00	0.00
CAPITAL PURCHASES	0.00	0.00	0.00	0.00	0.00
CONSTRUCTION COSTS	215,000.00	0.00	0.00	0.00	0.00
LABOR COSTS	0.00	0.00	0.00	0.00	0.00
OTHER COSTS	0.00	0.00	0.00	0.00	0.00
PROFESSIONAL SERVICES	85,000.00	0.00	0.00	0.00	0.00
Removals	300,000.00	0.00	0.00	0.00	0.00
AFUDC	0.00	0.00	0.00	0.00	0.00

Indirect Overhead	0.00	0.00	0.00	0.00	0.00
Contributions/ Advances	0.00	0.00	0.00	0.00	0.00
O&C	0.00	0.00	0.00	0.00	0.00
TOTAL	**600,000.00**	**0.00**	**0.00**	**0.00**	**0.00**

Annual Estimate

Priors	0.00	0.00
This Year	0.00	0.00
This Year	0.00	0.00
Balance Years	600,000.00	0.00
TOTAL	**600,000.00**	**0.00**

Justification Forms

Company Name	Tennessee-American Water	FP Number:	I26-020039
District	TN-Chattanooga	FP Description	Citico Basin 2 Tube Settlers
		Project Manager	O'Neill, Brent E.

REQUEST SUMMARY

Project Funding Status

Requested Stage	PRELIMINARY	001	Requested Amount	3,500,000.00	Form Status	DRAFT
Authorized Stage		000	Authorized Amount	0.00	Authorized Date	

Scope Summary

Is this a change to the project scope?

CPS Recommended Project to install tube settlers/ plate settlers within Basin 2 of Citico to allow for the retirement of Basin 1 andimprovem effluent water to the top of the filters.

Schedule Status

	Latest Authorized	Request Authorization
Estimated In-Service:		07/30/2018
Project Completion		08/30/2018

Is this a change to the project Schedule? NO

Cost Summary

Annual Estimate	Latest Authorized	Requested Change
Priors	0.00	0.00
This Year	0.00	0.00
Year 2	0.00	1,500,000.00
Year 3	0.00	0.00
Balance Years	0.00	2,000,000.00
TOTAL	**0.00**	**3,500,000.00**

Is this a change in Annual Expenditure? NO

Detailed Estimate

Additions	0.00	3,500,000.00
Removals	0.00	0.00
AFUDC	0.00	0.00
Indirect Overhead	0.00	0.00
Contributions/advances	0.00	0.00
SUBTOTAL	0.00	3,500,000.00
O&C	0.00	0.00
TOTAL	**0.00**	**3,500,000.00**

Is this a change in total project estimate? NO

What is the anticipated Rate Impact? 0.0

Is project eligible for DSIC-type recovery? YES

If forward looking state, what is approved rate? 0.0

Will project impact Operating Costs? NO

Justification Forms

Company Name	Tennessee-American Water	FP Number:	I26-020039
District	TN-Chattanooga	FP Description	Citico Basin 2 Tube Settlers
		Project Manager	O'Neill, Brent E.

SCOPE

Project Basis

Basis of Recommendation:	CPS	Initial Estimate:	3,500,000.00
Study Title and Year:		Initial Estimate Year:	2015
Study Project No. :		Add Study Hyperlink	

PROJECT ASSETS AND PURPOSE CODES

Asset Owner: TO BE DETERMINED

ASSET CODE	PERCENT	PURPOSE CODE	PERCENT
320 - WATER TREATMENT PLANT EQUIP	100.00	ASSET RENEWAL POOR CONDITION	100.00
	0.00		0.00
	0.00		0.00
	0.00	TOTAL	100%
TOTAL	100%		

PROBLEM OR OPPORTUNITY

The TNAW Citico WTP experiences elevated applied turbidities resulting in a risky approach to meeting finished water quality and
precluding TNAW from qualifying for EPA's Partnership goals.

INVESTIGATED OPTIONS

TNAW currently overloads the filters with a reactionary approach to overdosing filter aid to elevated applied water turbidities.
While TNAW has been able to meet demands, this is a risky approach and also precludes them from meeting EPA's Partnership goals.
This is exacerbated with the limited amount of flocculation and settling in Basins 1 and 2 as well. Additionally, Basin 1 currently
presents a safety issue and is recommended for abandonment. With Basin 1 off line, maximum day demands would not be met.

RECOMMENDED SOLUTION

Basin 2 without tube settlers indicates a maximum plant capacity of 60 mgd, which exceeds the projected max day of 47.5 mgd. If process train 3a were out of service, plant capacity would be reduced to 46 mgd. Both of these values change to 64.5 mgd and 50.5 mgd with tube settlers. Though there are few moving parts in a sed basin, there is still the possibility that a basin may go down. Also, a Plant 2 capacity of 25 mgd may be optimistic. These factors, in conjunction with an overall environment of decreasing plant vulnerability, provide some basis for installing tube settlers. It is recommended that TNAW consider the option of installing tube settlers to address these issues. This should be fully evaluated once Basin 3 is on line with the plate settler and flocculation improvements.

MEASURABLE BENEFITS Quantity: Units: X

The project will not only provide improved water quality, but will also provide redundancy and reliability to the Citico plant. The recommendation of taking Basin 1 off line also has the unintended impact of removing a basin that provides redundancy and reliability.

RETIREMENT INFORMATION

PROJECT DELIVERY - Preliminary Stage Deliverable:

Impl. Delivery Method: CONVENTIONAL DESIGN-BID-BUILD

Project Delivery Risks: SCHEDULE

PROJECT RISKS DETAILS:

Justification Forms

Company Name	Tennessee-American Water	FP Number:	I26-020039
District	TN-Chattanooga	FP Description	Citico Basin 2 Tube Settlers
		Project Manager	O'Neill, Brent E.

IMPACTS & SCHEDULE

Project Impacts & Recovery

What is the anticipated Rate Impact?	0.0
If forward looking rate state, what is the approved rate?	0.0
Is project eligible for DSIC-type recovery?	YES
Is Project Expected to Impact Operating Expenses?	

OPEX Discussion:

Schedule Status

	Project Start Date	Implementation Start Date	In-Service Date	Completion Date	Critical Date	Reason for Critical Date
Forecast	01/03/2017		07/30/2018	08/30/2018		
Authorize						
Prior						

Schedule Comments

Justification Forms

Company Name	Tennessee-American Water	FP Number:	I26-020039
District	TN-Chattanooga	FP Description	Citico Basin 2 Tube Settlers
		Project Manager	O'Neill, Brent E.

COST

DETAILED ESTIMATE Additions	Latest Forecast	Latest Authorized			
			000	000	000
Planning Summary	0.00	0.00	0.00	0.00	0.00
Preliminary Summary	160,000.00	0.00	0.00	0.00	0.00
Implementation Summary	3,340,000.00	0.00	0.00	0.00	0.00
Planning Detail					
AW SUPERVISION	0.00	0.00	0.00	0.00	0.00
CAPITAL PURCHASES	0.00	0.00	0.00	0.00	0.00
CONSTRUCTION COSTS	0.00	0.00	0.00	0.00	0.00
LABOR COSTS	0.00	0.00	0.00	0.00	0.00
OTHER COSTS	0.00	0.00	0.00	0.00	0.00
PROFESSIONAL SERVICES	0.00	0.00	0.00	0.00	0.00
Preliminary Detail					
AW SUPERVISION	0.00	0.00	0.00	0.00	0.00
CAPITAL PURCHASES	0.00	0.00	0.00	0.00	0.00
CONSTRUCTION COSTS	0.00	0.00	0.00	0.00	0.00
LABOR COSTS	0.00	0.00	0.00	0.00	0.00
OTHER COSTS	0.00	0.00	0.00	0.00	0.00
PROFESSIONAL SERVICES	160,000.00	0.00	0.00	0.00	0.00
Implementation Detail					
AW SUPERVISION	0.00	0.00	0.00	0.00	0.00
CAPITAL PURCHASES	0.00	0.00	0.00	0.00	0.00
CONSTRUCTION COSTS	3,340,000.00	0.00	0.00	0.00	0.00
LABOR COSTS	0.00	0.00	0.00	0.00	0.00
OTHER COSTS	0.00	0.00	0.00	0.00	0.00
PROFESSIONAL SERVICES	0.00	0.00	0.00	0.00	0.00
Removals	0.00	0.00	0.00	0.00	0.00
AFUDC	0.00	0.00	0.00	0.00	0.00

Indirect Overhead	0.00	0.00	0.00	0.00	0.00
Contributions/ Advances	0.00	0.00	0.00	0.00	0.00
O&C	0.00	0.00	0.00	0.00	0.00
TOTAL	**3,500,000.00**	**0.00**	**0.00**	**0.00**	**0.00**

Annual Estimate		
Priors	0.00	0.00
This Year	0.00	0.00
This Year	1,500,000.00	0.00
Balance Years	2,000,000.00	0.00
TOTAL	**3,500,000.00**	**0.00**

Justification Forms

Company Name	Tennessee-American Water	FP Number:	I26-020040
District	TN-Chattanooga	FP Description	Chlorine Gas Conversion
		Project Manager	O'Neill, Brent E.

REQUEST SUMMARY

Project Funding Status

Requested Stage	PRELIMINARY	001	Requested Amount	4,500,000.00	Form Status	DRAFT
Authorized Stage		000	Authorized Amount	0.00	Authorized Date	

Scope Summary

Is this a change to the project scope? NO

CPS recommended project due to TNAW currently utilizes chlorine gas for pre and post chlorination. Due to vulnerability and safetyrisk due to proxomity of a hospital and urban setting it is recommended to evaluate and move to an alternative disinfect.

Schedule Status

	Latest Authorized	Request Authorization
Estimated In-Service:		11/30/2020
Project Completion		12/30/2020

Is this a change to the project Schedule? NO

Cost Summary

Annual Estimate	Latest Authorized	Requested Change
Priors	0.00	0.00
This Year	0.00	0.00
Year 2	0.00	0.00
Year 3	0.00	0.00
Balance Years	0.00	4,500,000.00
TOTAL	**0.00**	**4,500,000.00**

Is this a change in Annual Expenditure? NO

Detailed Estimate

Additions	0.00	4,500,000.00
Removals	0.00	0.00
AFUDC	0.00	0.00
Indirect Overhead	0.00	0.00
Contributions/advances	0.00	0.00
SUBTOTAL	0.00	4,500,000.00
O&C	0.00	0.00
TOTAL	**0.00**	**4,500,000.00**

Is this a change in total project estimate? NO

What is the anticipated Rate Impact? 0.0

Is project eligible for DSIC-type recovery? YES

If forward looking state, what is approved rate? 0.0

Will project impact Operating Costs? NO

Justification Forms

Company Name	Tennessee-American Water	FP Number:	I26-020040
District	TN-Chattanooga	FP Description	Chlorine Gas Conversion
		Project Manager	O'Neill, Brent E.

SCOPE

Project Basis

Basis of Recommendation:	CPS	Initial Estimate:	4,500,000.00
Study Title and Year:		Initial Estimate Year:	0000
Study Project No. :		Add Study Hyperlink	

PROJECT ASSETS AND PURPOSE CODES

Asset Owner: TO BE DETERMINED

ASSET CODE	PERCENT	PURPOSE CODE	PERCENT
320 - WATER TREATMENT PLANT EQUIP	100.00	ASSET RENEWAL POOR CONDITION	100.00
	0.00		0.00
	0.00		0.00
	0.00		
TOTAL	100%	TOTAL	100%

PROBLEM OR OPPORTUNITY

TNAW currently utilizes chlorine gas for pre and post chlorination. Chlorine gas poses a safety risk, which is increased in an urban setting such as the Citico plant. A hospital abuts the property, increasing the risk from a potential failure of the chlorine gas system. The scrubber is also old and nearing the end of its useful life.

INVESTIGATED OPTIONS

A ten year life cycle cost was conducted for bulk hypo storage, chlorine gas and on site generation was estimated using the capital
cost above and adding in AFUDC, engineering and contingency. The cost estimate is a high level planning estimate and assumes a new
facility would need to be constructed. Due to the space and topographical constraints in the vicinity of the current chlorine building, the new facility is assumed to be built where Filter Building No. 3 is currently situated. The estimate includes demolition of Filter Building No. 3 and construction of a 5,000 square foot building for onsite generation, and the construction of
a 4,000 foot building for bulk hypo storage.

RECOMMENDED SOLUTION

Bulk delivery of sodium hypochlorite (NaOCl) and on site generation of NaOCl were evaluated as potential alternatives to gaseous
chlorine. Based on a review of the available informaton, on site generation of sodium hypochlorite is recommended but bulk delivery
of sodium hypochlorite could be a viable alternative.

MEASURABLE BENEFITS Quantity: Units: X

The benefit to either of these options is the removal of the potential risk of a chlorine leak in a major metropolitan area with an
abutting hospital. On site generation provides the added benefit of reliability of concentration over time. The potential degradation of bulk hypo chlorite will ultimately add to the cost by requiring additional dosage. Thus on site generation is the recommended alternative.

RETIREMENT INFORMATION

PROJECT DELIVERY - Preliminary Stage Deliverable:

Impl. Delivery Method: CONVENTIONAL DESIGN-BID-BUILD Project Delivery Risks: OTHER

PROJECT RISKS DETAILS:

Final determination of on-site generation or bulk delivery. Electrical capacity on site could be a factor in deciding the recommended alternative

Justification Forms

Company Name	Tennessee-American Water	FP Number:	I26-020040
District	TN-Chattanooga	FP Description	Chlorine Gas Conversion
		Project Manager	O'Neill, Brent E.

IMPACTS & SCHEDULE

Project Impacts & Recovery

What is the anticipated Rate Impact?	0.0
If forward looking rate state, what is the approved rate?	0.0
Is project eligible for DSIC-type recovery?	YES
Is Project Expected to Impact Operating Expenses?	

OPEX Discussion:

Schedule Status

	Project Start Date	Implementation Start Date	In-Service Date	Completion Date	Critical Date	Reason for Critical Date
Forecast	01/02/2019		11/30/2020	12/30/2020		
Authorize						
Prior						

Schedule Comments

Justification Forms

Company Name	Tennessee-American Water	FP Number:	I26-020040
District	TN-Chattanooga	FP Description	Chlorine Gas Conversion
		Project Manager	O'Neill, Brent E.

COST

DETAILED ESTIMATE Additions	Latest Forecast	Latest Authorized			
			000	000	000
Planning Summary	0.00	0.00	0.00	0.00	0.00
Preliminary Summary	0.00	0.00	0.00	0.00	0.00
Implementation Summary	4,500,000.00	0.00	0.00	0.00	0.00
Planning Detail					
AW SUPERVISION	0.00	0.00	0.00	0.00	0.00
CAPITAL PURCHASES	0.00	0.00	0.00	0.00	0.00
CONSTRUCTION COSTS	0.00	0.00	0.00	0.00	0.00
LABOR COSTS	0.00	0.00	0.00	0.00	0.00
OTHER COSTS	0.00	0.00	0.00	0.00	0.00
PROFESSIONAL SERVICES	0.00	0.00	0.00	0.00	0.00
Preliminary Detail					
AW SUPERVISION	0.00	0.00	0.00	0.00	0.00
CAPITAL PURCHASES	0.00	0.00	0.00	0.00	0.00
CONSTRUCTION COSTS	0.00	0.00	0.00	0.00	0.00
LABOR COSTS	0.00	0.00	0.00	0.00	0.00
OTHER COSTS	0.00	0.00	0.00	0.00	0.00
PROFESSIONAL SERVICES	0.00	0.00	0.00	0.00	0.00
Implementation Detail					
AW SUPERVISION	0.00	0.00	0.00	0.00	0.00
CAPITAL PURCHASES	0.00	0.00	0.00	0.00	0.00
CONSTRUCTION COSTS	4,500,000.00	0.00	0.00	0.00	0.00
LABOR COSTS	0.00	0.00	0.00	0.00	0.00
OTHER COSTS	0.00	0.00	0.00	0.00	0.00
PROFESSIONAL SERVICES	0.00	0.00	0.00	0.00	0.00
Removals	0.00	0.00	0.00	0.00	0.00
AFUDC	0.00	0.00	0.00	0.00	0.00

Indirect Overhead	0.00	0.00	0.00	0.00	0.00
Contributions/ Advances	0.00	0.00	0.00	0.00	0.00
O&C	0.00	0.00	0.00	0.00	0.00
TOTAL	**4,500,000.00**	**0.00**	**0.00**	**0.00**	**0.00**

Annual Estimate

Priors	0.00	0.00
This Year	0.00	0.00
This Year	0.00	0.00
Balance Years	4,500,000.00	0.00
TOTAL	**4,500,000.00**	**0.00**

TENNESSEE AMERICAN WATER
CITICO PLANT

Supply/Production Project
I26-020017 – Part A

ELECTRICAL – BREAKERS AND RELAYS

Design and Permitting: 3 months
Construction: 3 Months
Project Cost: $600,000

Need for Project:

The plant's medium and low voltage electrical equipment was provided when the plant was constructed, approximately 50 years ago. Based on industry standards associated with this type of equipment, it is considered at (or past) its "end of useful life". Old equipment also poses a safety hazard, particularly breakers and/or relays that have not been tested for viability and/or maintained. This is the case with some of the protective relays and other areas within the switchgear. Namely, the breakers and relays are aged and are recommended for replacement.

This recommendation is the first of three recommendations for electrical upgrades and is based primarily on safety issues.

Background:

Medium and Low Voltage Electrical Equipment - From the utility substation, each of the two 2.4 KV services terminates in the existing General Electric (GE) switchgear / motor control lineup located in the High Service Pump Station. This equipment is arranged to provide Main-Tie-Main power for the facility allowing limited operation intent in the event of a single utility outage. The 2.4 KV switchgear assembly, while aged, has been maintained by the plant staff and is in good condition. There is risk, however, with obsolescence and availability of parts.

A physical (internal) inspection was not performed during AWBSE's site visit. A more thorough investigation and documentation of the existing assemblies should be conducted if considerations for retrofit / retro-build type equipment are to be considered. Much of this inspection can be accomplished by the facility in conjunction with AW Maintenance Services in order to ascertain specific documentation on the equipment, modifications and condition of this lineup.

While replacement of this aged equipment is an option, there may be some other alternatives available to provide a renewed installation using the existing structure and bus work. This

would include replacing / retrofitting these circuit breaker and starter sections with new components, protective relaying and metering and controls. (Other options along with the advantages and disadvantages to each will also be addressed).

Motor Control Assembly - The Main-Tie-Main configuration includes automatic transfer of power from one source to the other in the event of a utility power outage. It is set up for manual re-transfer of power back to the open tie by plant personnel after it is confirmed the utility is stable. It permits motors to come to a stop before transferring - avoiding significant damage to equipment if out-of-phase transfer was permitted. The electrical transfer controls are not configured to allow the system to synchronize before transferring power, nor do they include programmed time delays to otherwise prevent the transfer operation. This poses a potential significant risk to the facility and life-safety issues to personnel if inadvertently operated.

The Main Circuit Breakers include the use of GE electromechanical type Over-Current Protective ("OCP") Relays along with similar type KW/KWH monitoring relays for indicating power usage. These original relays and meters require routine service, testing and calibration. The OCP relays are critical as they control (trip) the Main circuit breakers in the event of a fault or overload in the switchgear. There was no indication of any actual testing or calibration to these devices and plant staff was unaware if any actual testing has been conducted. These devices need to be tested for proper operation and the settings verified for protective coordination with the other OCP devices (fuses, etc.) and Utility devices. If these devices are not set properly, significant risk to equipment and workers exists.

The motor protective relays associated with this equipment lineup are GE/Multilin type, Model 469 Motor Protective Relays (MMR) units for motor controller operation (over-current, phase loss, etc.). It is our understanding as well that these relays have not been checked for calibration and motor protective alarm & tripping functions, or included in the facility's preventative maintenance and testing program. As above, this poses a risk to the equipment, operations and the safety of personnel.

Power Distribution for Motor Loads - The balance of this switchgear assembly provides power distribution for the motor loads and station facility power as follows:

Right-hand Side of the "Ridgedale Main" Lineup - This portion of the switchboard assembly provides service / feeders to the following;

- High Service Pump #20 (250 HP)
- High Service Pump #16 (600 HP)

- High Service Pump #21 (600 HP)
- Low Service Pump #22 (600HP)
- Low Service Pump #12 (500 HP) via the GE Limitamp fusible lineup at the left-hand side of this existing switchgear
- Station Power via 2300 – 480/277 VAC Transformer (150 KVA) - This same fuse / switch also now serves the Thickened Sludge Transfer PS via the 112.5 KVA transformer located at the new dewatering facility.

Between the Riverside "Main" and the Tie

- High Service Pump #11 (900 HP) (Note - this is identified as Pump #20 on oneline and requires clarification).

Left-hand Side of the "Riverside Main" Lineup - This portion of the switchboard assembly provides service / feeders to the following;

- High Service Pump #17 (600HP)
- High Service Pump #18 (400 HP)
- High Service Pump #19 (400 HP)
- Low Service Pump #14 (600 HP)
- Low Service Pump #15 (600 HP)

Individual Fused Tap on the Back of the Switchgear

- Low Service Pump #20 ** (400 HP) (Note - This is identified as Pump #13 on oneline and requires clarification).

Medium Voltage Limitlamp Switchgear – This lineup is comprised of three individual switches. Two of these units are non-fused load-break assemblies; the other is presumed to be a fusible switch based on the drawing information. During the site visit, AWBSE was unable to open this unit for physical verification since it serves the building low voltage power transformer and the new Thickened Sludge Transfer System. It should be noted that they do not serve as motor controllers; they are sub-distribution devices to serve the transformers associated with power distribution along with the individually mounted VFD and Starter assemblies outlined.

Medium Voltage Motor Controllers in the current configuration are GE Limitamp type; comprised of a fusible switch and vacuum contactor units controlled by the Multilin 469 MMR relay for each High Service and Low Service Pump. Additionally, HSP#11 (900 HP) utilizes a Reduced Voltage Reactor Starter configuration to limit the starting current associated with this larger motor. The controls associated with this assembly are similar (Multilin 469 MMR) for motor protection, but also include additional internal controls for the switching of the auto start to run

contactors in this motor controller. These units are still produced today using updated technologies similar to previous equipment. These starter / motor controllers utilize a fused isolation switch and vacuum contactor with solid-state controls and protective relay devices such as the Multilin MMR's presently provided in this existing assembly. The physical arrangement provided by the present medium voltage system places three of the Low Lift Pumps (LLP#13 & #15) on the Riverside service and two (LLP#12 & #22) on the Ridgedale service. Those LLP's supplied at 480 VAC are supplied via the GE Limit amp fusible switches and sub-distribution transformers associated with the drives and starters. All of the High Service Pumps are directly served from this main switchgear assembly.

Low Voltage Station Power (240 VAC) - This is provided through a 150 KVA 2.4 KV, 3-phase, ungrounded delta – 240 VAC, 3-phase, ungrounded delta transformer supplied from a fusible switch in this MV Switchgear. Service from this transformer terminates in a 600 A Main Circuit Breaker and Sub-Distribution Panelboard which then provides the various low voltage feeders to other buildings and equipment throughout the facility.

General Concerns -

• Continuing reliance on the existing GE Main-tie-Main circuit breakers pose some risks to the facility in the event of a single failure, including protective relay operation, racking and alignment and/or drive motor operation, and circuit breaker components (contacts, coils, etc. and the availability of replacement parts).

• The risk to the facility under a failure scenario may vary from several hours for replacement work to days (or weeks) to find major elements and make repairs. In the event of a catastrophic failure or one of these Main devices, significant damage could also severely damage the entire main distribution switchgear assembly. While this extreme level of damage is remote, it is possible given the overall age of the equipment.

• The electromechanical protective relays associated with the switchgear do not appear to have been tested and calibrated. While these relays are generally considered to be highly reliable, they require periodic maintenance. If these malfunction, significant damage to the switchgear, cabling and the served equipment can result.

• Similarly, the Multilin medium voltage motor protective relays need to be tested and calibrated on a routine maintenance schedule. Should any of these devices fail or malfunction; motor damage as well as damage to the motor controller / contactor assembly could result. With the exception of HSP #11 (or #20), these are full-voltage, non-reversing (FVNR) type assemblies.

These protective relays should be tested and calibrated along with conducting routine testing of the contactors and other components. Since the starter associated with HSP #11 (900 HP) is a reduced voltage, reactor start type of assembly, there are more components involved which increases the potential risk of failure to this controller assembly.

• The facility's 240 VAC station power is served from the Riverside source and is totally dependent on the use of the "Tie" breaker to restore power in the event of a similar interruption of power. The loss of general 120/240 VAC power would likely result in loss of ancillary systems, most likely causing a potential shut-down of the facility, or possible notice of violation ("NOV").

Recommendation:

It is recommended that the existing Magna-Blast breakers (Main-Tie-Main) be replaced with new GE Power/Vac Vertical Lift (VL) breakers allowing the existing switchgear to remain. Additionally, the old electro-mechanical relaying should also be replaced with new electronic type units as provided by SEL (AW Preferred Manufacturer) for the specific operation and control interface. These protective relays and power quality metering devices should be provided with communications cards for tie-in to the facility's SCADA system. Cards are available for fiber-optic as well as CAT6 copper communications (fiber-optic is preferred to eliminate any possibility of stray current or voltage being introduced to the SCADA equipment interface).

Output and Benefits:

The project addresses a potential safety issue, as the electrical equipment is old and much of the equipment has not been tested. This is especially true with the breakers and protective relays, which are addressed in this project.

Options:

The option is to do nothing and continue as-is, however the risk of substantial damage to the electrical gear increases with time.

Budget Discussion:

The cost for Recommendation #1 is estimated to be $600,000.

Risks:

There is also a risk to TNAW with not testing and maintaining trips and relays. If they are not set or maintained properly, an overload of the power distribution system could be dangerous to personnel.

Purpose Codes and Drivers:

Asset Code	Purpose Code
310 – Power Generation Equipment	Asset Renewal poor condition

TENNESSEE AMERICAN WATER
CITICO PLANT

Supply/Production Project
I26-020017 Part B

PUMPING AUXILIARY POWER

Design and Permitting: 6 months
Construction: 12 Months
Project Cost: $1,300,000

Need for Project:

Though there is a dual power feed coming in to the plant, the raw and finished water pumps do not currently have an on-site auxiliary power source. In the event of a widespread power outage of extended duration, much of the service area would lose water service, potentially impacting over 75,000 customers.

Assuming the system's average day demand must be met, it appears that a 2MW generator would be required to sustain average day demand with new raw water pumps.

Background:

The Citico WTP does not have backup power for raw or finished water pumping. There are three generators on site for other processes, however, including the following:

- North of Filter House 2 (operates all of the process in both Filter Plants, including the Aldrich units and the conventional filters),
- In the Foyer of the Pump Station,
- Portable (located under the overpass).

There is some backup power due to the redundancy of the dual electric feeds coming in the facility, though there is still the possibility that both of these might go down. A backup generator would provide the capability to maintain uninterruptable power to the raw and finished water pumps in the event of a major power outage.

Recommended Solution:

In order to meet average day demands, it is assumed that auxiliary power supply should be capable of powering two raw water pumps and four finished water pumps. The summation of horsepower required to meet this demand is shown below.

	Pump	Capacity	HP	KW	
Raw Water	14	19	600	447	
	15	25	600	447	
Sub - Total:		44	1200	894	
Finished Water	11	20.5	900	671	
	16	13	600	447	
	17	13	600	447	
	20	5.6	250	186	
Sub - Total:		52.1	850	633	
TOTAL:					**1527** Say 2MW

A new 2MW generator is recommended. A generator of this size requires a large footprint, which is currently not available in close proximity to the pump building. If a new pump station is constructed, the generator should be located in close proximity to the new pump station. If a new pump station is not constructed, a location near the building will need to be further assessed. The cost for large diameter electric cable is high and can add significantly to the overall cost the further the generator is located from the pump switchgear.

Output and Benefits:

The generator will provide backup power to TNAW's Citico WTP plant which will significantly improve system reliability for average day demand.

Options:

An option is to do nothing and continue to rely on the dual feed coming in to the Citico WTP. In the event of a large scale outage, however, both feeds have the potential of being out of commission, resulting in a loss of all pumping at the Citico plant.

Risks:

The lack of backup power, in combination with one of the dual feeds going down, would result in the plant shutting down due to lack of pumping.

Budget Discussion:

A 2MW backup generator is recommended for the Citico WTP. The acquisition cost for a generator this size can range from $300,000 to $400,000. In addition to the acquisition cost, there are additional costs, including a transfer switch, cable, pad and enclosure, which can consume the majority of the overall cost.

TENNESSEE AMERICAN WATER
CITICO PLANT

Supply/Production Project
I26-020017 Part C

ELECTRICAL IMPROVEMENTS – MOTOR CONTROLS TEST/REPLACE

Design and Permitting: 6 months
Construction: 12 Months
Project Cost: $1,000,000

Need for Project:

The Motor Controller contactors have not been tested, along with other control components. Though they are likely to be in good shape, it is due diligence and safety concerns that drive this portion of the project.

The medium voltage switches are the only means for interrupting arc flash hazard incidents, and they are currently unidentifiable. In order to address a potential arc flash hazard, these need to be identified and replaced, if necessary.

The low/medium voltage plant transformers and associated equipment are aged and should be replaced.

Finally, replacement of the medium voltage fusible switchgear equipment will provide redundant low voltage power throughout the facility. Plant station power does not currently have redundant power.

Background:

(See Phase A for background discussion).

Recommended Solution:

1) Medium Voltage Motor Controller Sections
   - Replace Motor Control Contactors
   - Replace existing GE Multilin MMR's be replaced with SEL 710 MMR for SCADA integration.
   - Evaluate other control components and determine what parts may no longer be available or where it is anticipated that they will become obsolete. Obtain and/or replace with updated and newer technology

2) Medium Voltage Fusible Switchgear Equipment (GE Limitamp Units)

   - Reconfigure medium voltage switchgear equipment allow for redundant operation of plant equipment.

3) Medium Voltage Fuses -

   - Conduct power systems analysis to evaluate fuse capacity and replace as-necessary with appropriate fuses to maintain an adequate level of protection and safety.

4) Low Voltage Power and VFD/Bypass Starter Systems –

   - Replace 2300 – 240 VAC transformer and low voltage powerboard.
   - Evaluate Low Service Pump # 12 VFD and separate Bypass Starter for continued long term service. Replace with a combination VFD and integral Bypass assembly in lieu of the separate devices and transformers presently provided.
   - Test and replace 2300 – 480 VAC transformers associated with the VFD and Bypass Starter for Low Service Pump # 12.

Output and Benefits:

The benefit of this project is to assess the condition of electrical equipment that has not been tested and/or equipment for which there is no record. Also, due to the obsolescence of much of the equipment, replacement parts will be difficult to obtain – this project will provide for the stockpiling of replacement parts. Finally, the medium voltage transformers will be replaced as part of this project, increasing the reliability of the plant.

Options:

It may be possible to parse out different aspects of this overall project.

Risks:

In general, the overall reliability of the electrical is diminished without this project.

Budget Discussion:

The cost for testing and replacement of various medium voltage equipment is estimated to be $1,000,000. The overall cost of the project is decreased by parsing out some of the sub projects listed above.

Purpose Codes and Drivers:

Asset Code	Purpose Code
310 – Power Generation Equipment	Asset Renewal proactive measure

TENNESSEE AMERICAN WATER
CITICO PLANT

Distribution Project
I26-020027

CONSTRUCT 1 MG GROUND RESERVOIR
& PUMP STATION IN EAST RIDGE – SOURTH

Design and Permitting: 15 months
Construction: 9 Months
Project Cost: $2,500,000

Need for Project:

The East Ridge gradient as it is currently aligned has a storage deficit. The recommendation to divide the gradient into East Ridge – North ("North") and East Ridge – South ("South") provides adequate storage capacity for the North, but a storage deficit exists in the South. The need for additional storage capacity is driven by the large demands in the gradient and the projection for continued growth, especially with the delivery of higher flows to Catoosa UD.

Background:

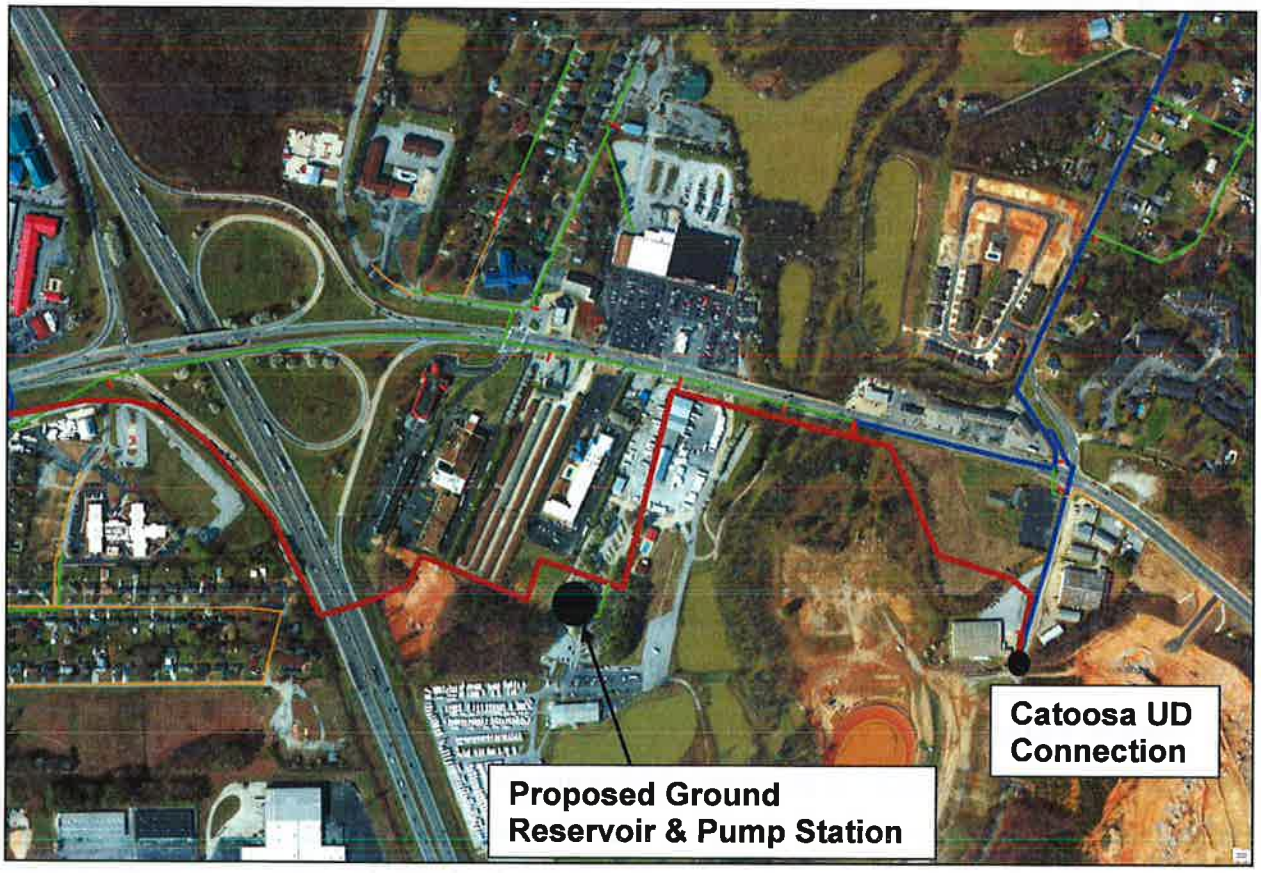
The recommendation to divide the gradient into the North and South enables full utilization of the Jenkins Road reservoir and adequate storage capacity in the North. Some of this storage capacity can be utilized in the South through the delivery of peak and emergency flows through the proposed PRV stations. However, additional storage volume is recommended in the South to overcome the existing storage deficit, and to position the South gradient with the ability to meet the projected growing demand in this area of the system.

The current storage need in the South is approximately 1.4 MG, when considering the equalization and fire storage requirements. With approximately 0.8 MG available from the East Ridge reservoir, a storage deficit of approximately 0.6 MG exists in the gradient. The storage deficit is projected to increase to approximately 0.8 MG by 2030. In addition, all of the current storage exists on the far west side of the gradient. The ability to receive flows through the proposed PRV stations provides support to the east side of the gradient during peak and emergency demands; however, these connections can only provide a certain level of support without impacting service delivery in the North gradient. Therefore, a new storage facility in the southeastern side of the gradient will provide the most benefit, especially with the projection of higher flows to Catoosa UD.

Various locations were considered for a new storage facility, along with the option of constructing a pumped ground reservoir versus floating storage. This is discussed in more detail below.

Recommended Solution:

It is recommended to construct a 1 MG ground reservoir and pump station in the southeast portion of the East Ridge - South gradient. The proposed location is shown below. It is noted that the 20-inch main location appears to be shifted some to the right at the proposed tank location. The potential property is just left of the tank location.



The proposed location was chosen after a review of potential locations for constructing a new storage facility. First, the evaluation of whether an elevated tank or a floating ground reservoir could be built in the gradient was performed. In order to float with the East Ridge reservoir, at an overflow elevation of 1016.75 ft msl, the overflow elevation of a new tank on the southeast side of the gradient should be at least 1000 ft msl. When considering a maximum height of 160 ft for an elevated tank, the minimum needed ground elevation is approximately 840 ft msl. There does not appear to be any land available at this elevation in the southeast part of the gradient.

There are some ground elevations that are greater than 840 ft msl along Panorama Drive, but this area is already built out. The ground elevations are generally lower in the southeast area of the gradient, which does not make it feasible to construct an elevated tank or floating ground reservoir.

Locations were then evaluated for the construction of a ground reservoir and pump station. Open spaces that would provide the most hydraulic benefit with the existing distribution network were considered. One goal is to locate the storage in the southern end of the gradient towards the east side. This area will provide a storage buffer to the high flows going to Catoosa UD, as well as the other growing demands in the area. With the East Ridge reservoir on the west side of the gradient, and the proposed PRV stations on the north and east sides, all areas of the gradient will then have the ability to receive the needed equalization flows and emergency or fire flows.

The location chosen for planning purposes is adjacent to the recently installed 20-inch main off of Ringgold Road. It is recommended that property be secured at this location, or another suitable nearly location, for construction of the storage facility.

A volume of 1 MG is recommended for the ground reservoir to provide the needed storage volume through the 2030 planning horizon and beyond. As noted earlier, approximately 0.8 MG in additional storage volume is needed through 2030 to meet just the equalization and fire reserve needs. The additional volume is recommended to provide additional service reliability in the event of an emergency or critical failure in another part of the system which would restrict the ability to deliver water to the South gradient. It will also get the system closer to meeting the TDEC guidelines for storage, which recommend having a total storage volume in the system equal to the average day demand.

Two pumps, each with preliminary design capacities of 3.0 mgd at 275 ft TDH, are recommended at the pump station. Variable frequency drive (VFD) motors are recommended to enable the delivery of a range of flows into the system. A generator is also recommended to provide backup power in the event of a power outage.

Output and Benefits:

Construction of the proposed storage facility will provide adequate storage volume in the East Ridge – South gradient. This project, along with the recommendations to divide the East Ridge gradient, will enable more consistent service delivery, especially when peak flows are delivered to Catoosa UD. The ability to deliver equalization and fire flows from the proposed storage facility to meet the peak flows in the area will reduce the needed transmission capacity from the East Ridge booster station and reservoir. This will also enable more consistent service pressures in the gradient.

Model simulation indicates that the South gradient can provide adequate service delivery with the proposed gradient modification and new storage facility, while providing flows of up to approximately 2.5 mgd to Catoosa UD. Additional transmission capacity is recommended in a separate project for delivering flows higher than 2.5 mgd to Catoosa UD.

The graphs at the end of the project description illustrate the modeled results during the 2020 maximum day EPS scenario, which includes a fixed flow of 2.5 mgd to Catoosa UD.

Options:

The option to retire the East Ridge reservoir, or convert it to pumped storage, was considered in the evaluation of new storage in the gradient. It was determined that pumping from the reservoir would not provide any benefit. The use of the East Ridge reservoir as floating storage maintains a suitable and effective HGL for the gradient. It is not necessary to raise the HGL in the gradient by pumping from the reservoir. In fact, this would result in excessively high service pressures for the lowest elevation customers in the gradient. Retiring the East Ridge reservoir would also provide a challenge in maintaining a consistent HGL and resulting pressures on the west side of the gradient, where most of the highest elevation customers are located. Thus, it is recommended to keep the East Ridge reservoir in service as a floating reservoir.

The option to construct more than 1 MG in storage volume can be considered. The benefits of providing additional storage volume should be weighed against the challenges presented in providing adequate water turnover from a larger storage facility.

Other locations can be considered for construction of the proposed storage facility. If land is available to construct the storage facility at a higher ground elevation, this would reduce the required pumping head when delivering pumped flow into the system from the tank, thus reducing energy costs.

Budget Discussion:

The planning level cost estimate to construct the storage facility is estimated at $2.5 million, as detailed below.

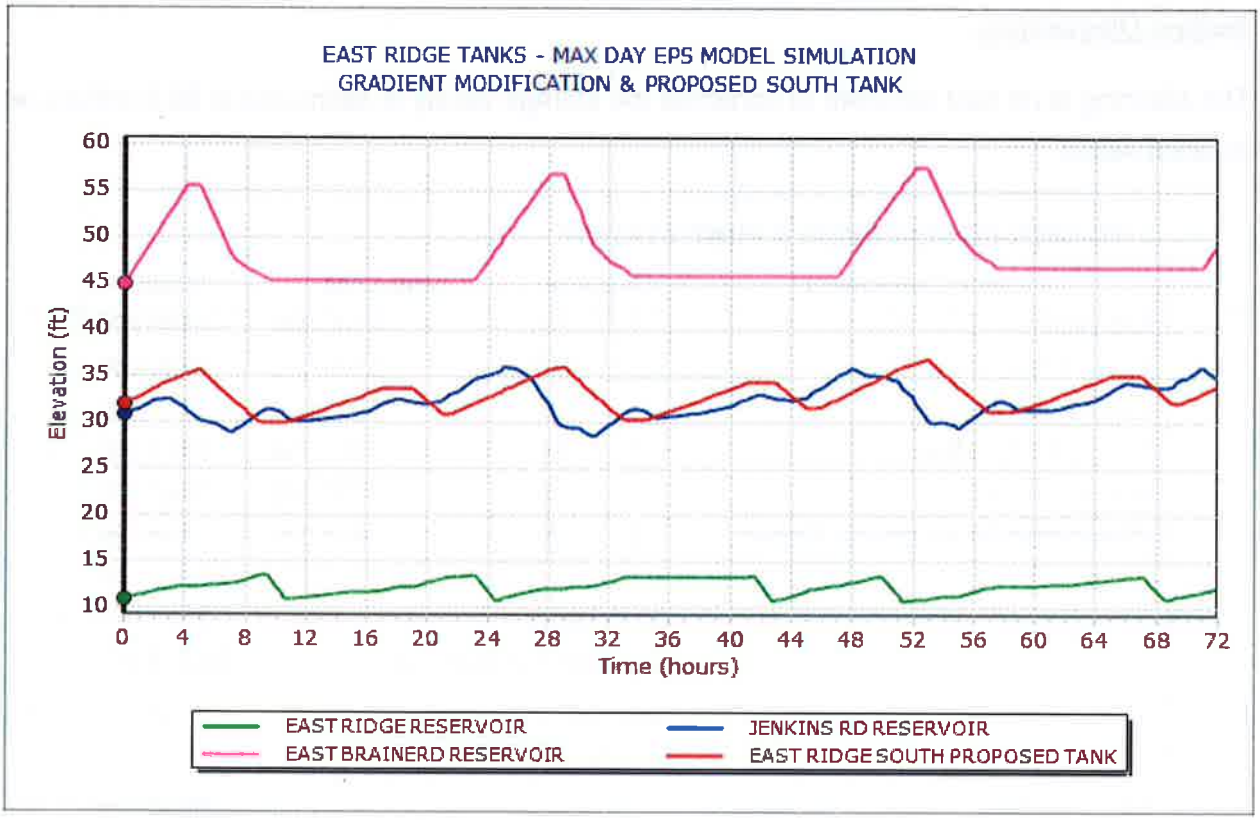
2 MG GROUND RESERVOIR & PUMP STATION				
Project Component	**Quantity**		**Unit Cost**	**Total**
Site Work	1	LS	$100,000	$100,000
Tank - 2 MG	1	MG	$700,000	$700,000
Pump Building	1	LS	$350,000	$350,000
Pumps & VFD Motors	2	EA	$50,000	$100,000
Piping & Valves	1	LS	$100,000	$100,000
Instrumentation & Controls, Electric	1	LS	$75,000	$75,000
				$1,425,000
	Contingency			$385,000
	Construction Subtotal			**$1,710,000**
	Engineering			$346,500
	AFUDC			$231,000
Land Purchase				$100,000
			PROJECT TOTAL	$2,387,500
			SAY	**$2,500,000**

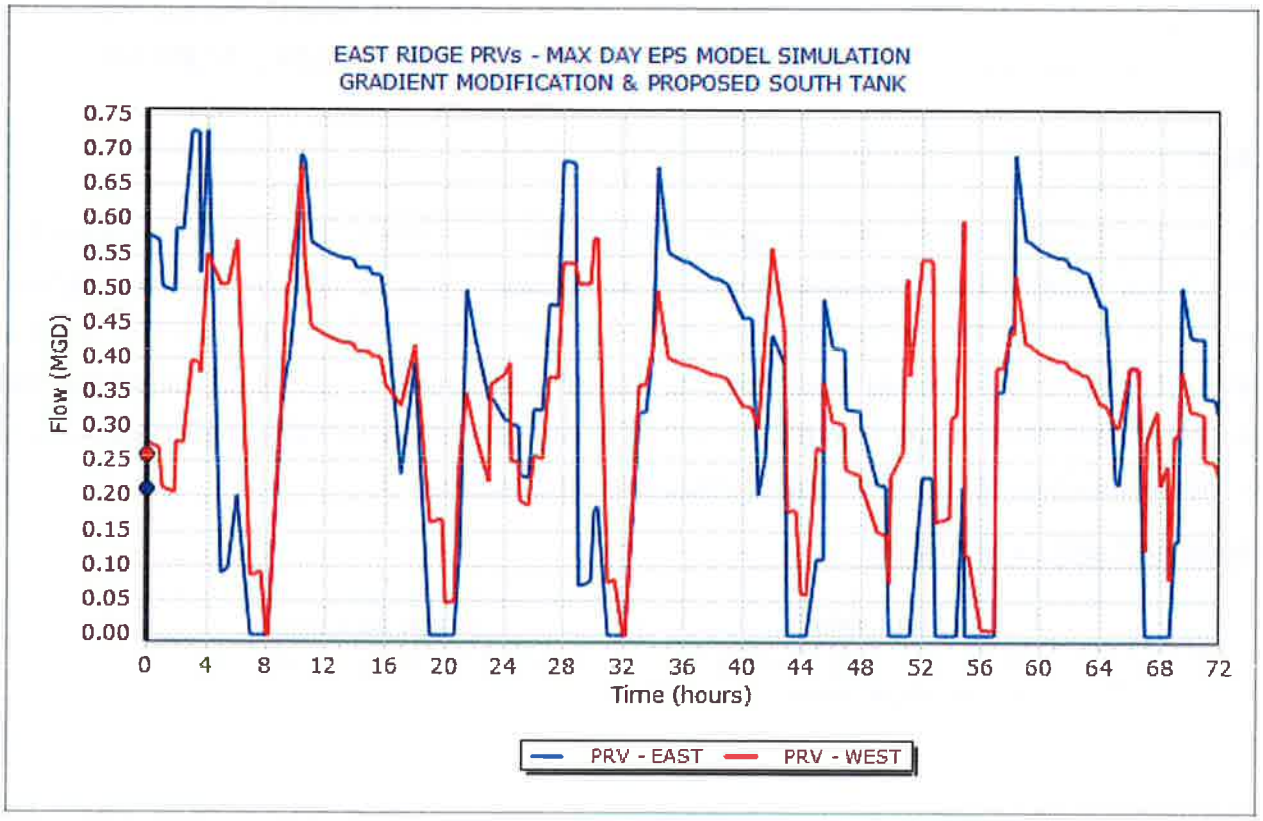
Risks:

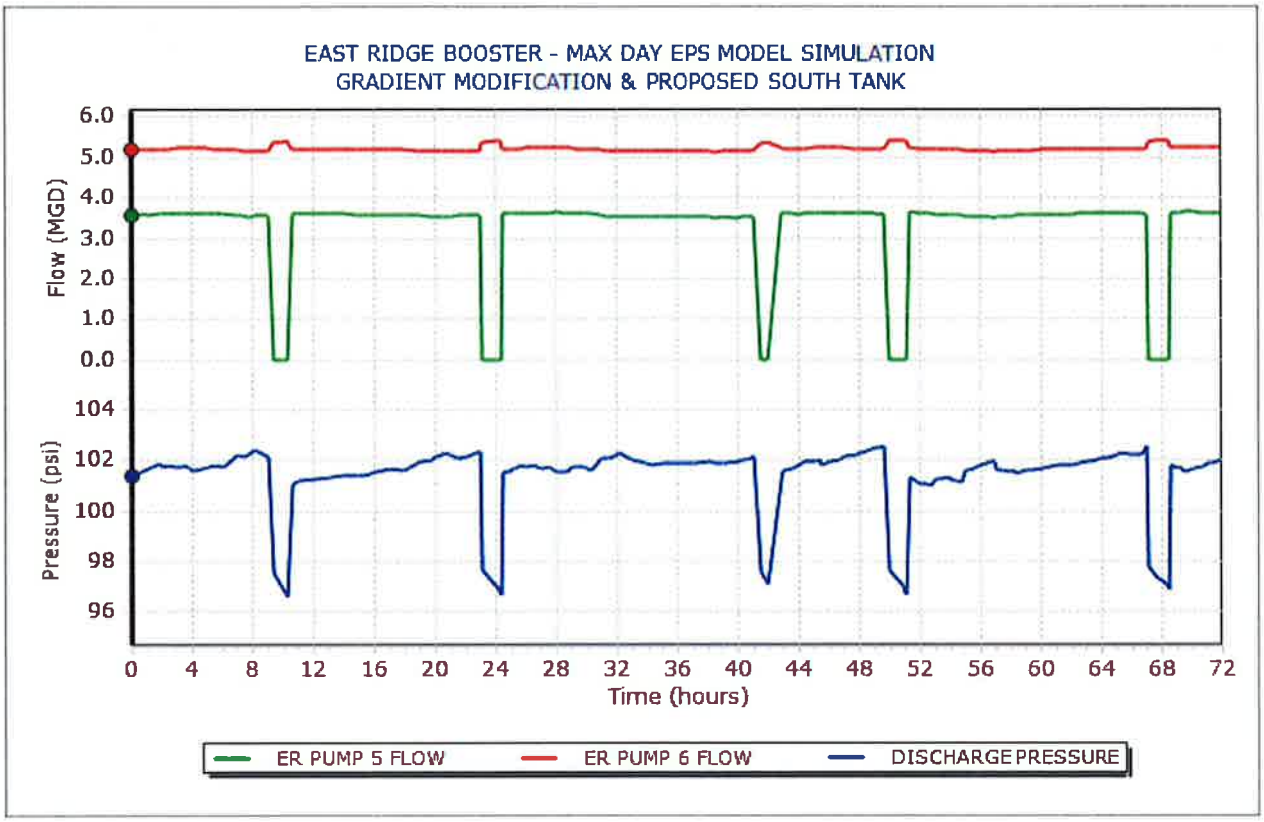
If the project is not completed, the South gradient will not have adequate storage capacity, which may result in low or marginal pressures during peak demands, and the inability to deliver adequate fire flows. The lack of storage in the southeast portion of the gradient may impact the ability to deliver the needed peak flows to TNAW's customers in this area, especially the projected peak flows to Catoosa UD. The lack of storage would require even larger transmission mains to the area in order to maintain adequate levels of service.

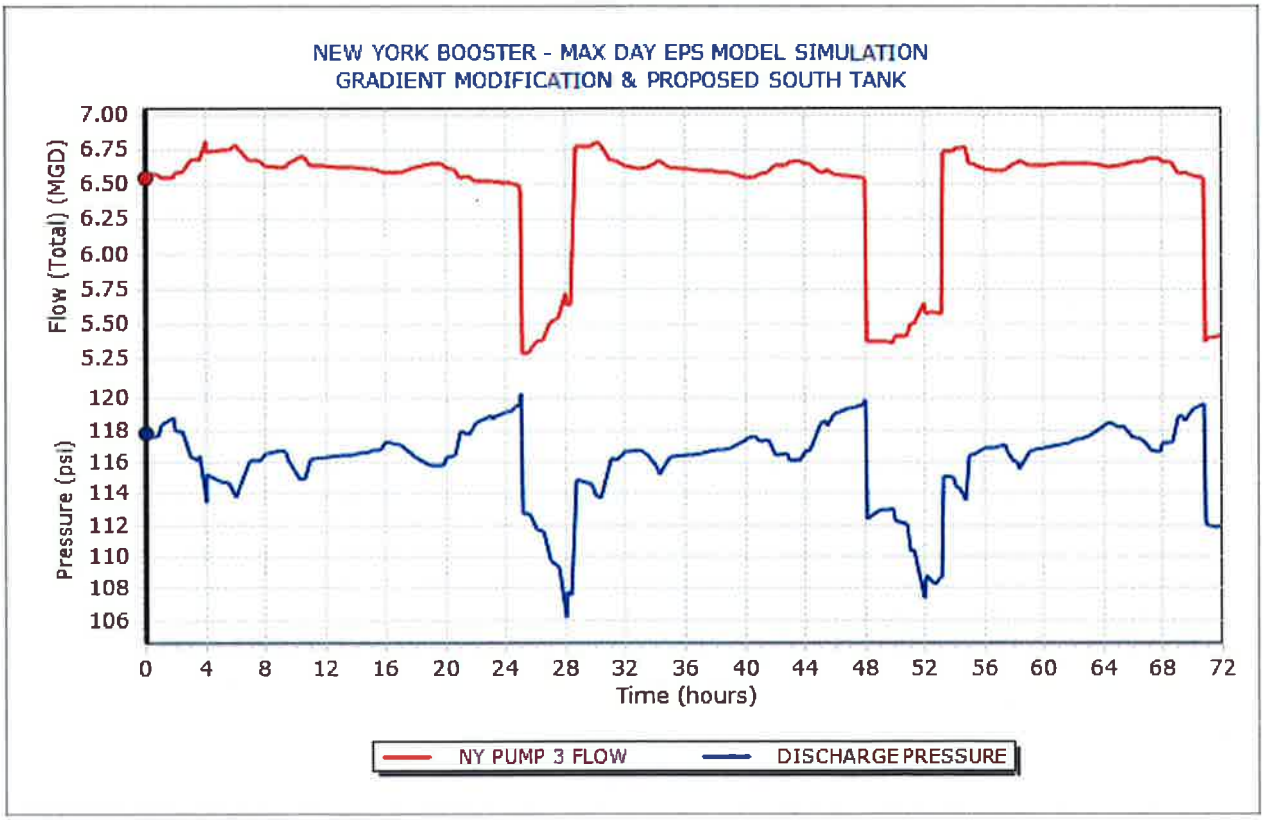
Purpose Codes and Drivers:

Asset Code	Purpose Code
330 - Dist Reservoirs & Standpipes 311 – Pumping Equipment	Rel/Qual backup or standby


EAST RIDGE TANKS - MAX DAY EPS MODEL SIMULATION
GRADIENT MODIFICATION & PROPOSED SOUTH TANK
Elevation (ft)
60
55
50
45
40
35
30
25
20
15
10
0 4 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72
Time (hours)
EAST RIDGE RESERVOIR
EAST BRAINERD RESERVOIR
JENKINS RD RESERVOIR
EAST RIDGE SOUTH PROPOSED TANK


EAST RIDGE PRVs - MAX DAY EPS MODEL SIMULATION
GRADIENT MODIFICATION & PROPOSED SOUTH TANK
Flow (MGD)
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0 4 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72
Time (hours)
PRV - EAST
PRV - WEST


EAST RIDGE BOOSTER - MAX DAY EPS MODEL SIMULATION
GRADIENT MODIFICATION & PROPOSED SOUTH TANK
Flow (MGD)
6.0
5.0
4.0
3.0
2.0
1.0
0.0
Pressure (psi)
104
102
100
98
96
0 4 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72
Time (hours)
ER PUMP 5 FLOW
ER PUMP 6 FLOW
DISCHARGE PRESSURE


NEW YORK BOOSTER - MAX DAY EPS MODEL SIMULATION
GRADIENT MODIFICATION & PROPOSED SOUTH TANK
Flow (Total) (MGD)
7.00
6.75
6.50
6.25
6.00
5.75
5.50
5.25
Pressure (psi)
120
118
116
114
112
110
108
106
0 4 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72
Time (hours)
NY PUMP 3 FLOW
DISCHARGE PRESSURE

TENNESSEE AMERICAN WATER
CHATTANOOGA

Distribution Project
I26-020034

INSTALL 30-INCH RIVER CROSSING FROM WTP TO NORTH

Design and Permitting: 12 months
Construction: 6 Months
Project Cost: $1,500,000

Need for Project:

Improved service reliability is needed to the area north of the Tennessee River in the event of a critical failure on the existing 30-inch river crossing.

Background:

The area north of the Tennessee River is currently supplied through a 30-inch main and a 16-inch main crossing the river. The 30-inch concrete main was installed with directional drilling under the river, extending directly north from the Citico WTP. The 16-inch steel main is hung below the Walnut Street Bridge.

In the event of a critical failure on the 30-inch main, the available flows to the area north of the river would be limited by the capacity of the 16-inch main. The average and maximum day demands to this area through 2030 are approximately 5.5 mgd and 8 mgd, respectively. Model simulation was performed with the 30-inch main out of service during an average day and maximum day scenario.

For the maximum day scenario, the velocity reaches 8.7 ft/sec with a flow of nearly 8 mgd through the 16-inch main. The high headloss across the main results in pressures less than 20 psi in a few areas within the Citico gradient north of the river. Discharge pressures of nearly 100 psi are shown at the Citico WTP in order to deliver the water through the single 16-inch main.

For the average day scenario, with a flow of approximately 5.6 mgd through the 16-inch main, the velocity is approximately 6.2 ft/sec. Again, the high headloss across the main results in pressures less than 20 psi in a few areas within the Citico gradient, and discharge pressures from the Citico WTP are approximately 90 psi.

Model simulation indicates that the pressures remain above 20 psi when the flow through the 16-inch main is limited to approximately 4.6 mgd, at a velocity of 5.1 ft/sec. Therefore, it is apparent that the full average day demand of approximately 5.5 mgd could not be met in the

area north of the river in the event that the 30-inch main is out of service. For planning purposes, and in order to provide slightly higher service pressures, it is estimated that approximately 4 mgd can be supplied through the 16-inch main if the 30-inch main is out of service. This results in average and maximum day deficits of approximately 1.5 mgd and 4 mgd, respectively.

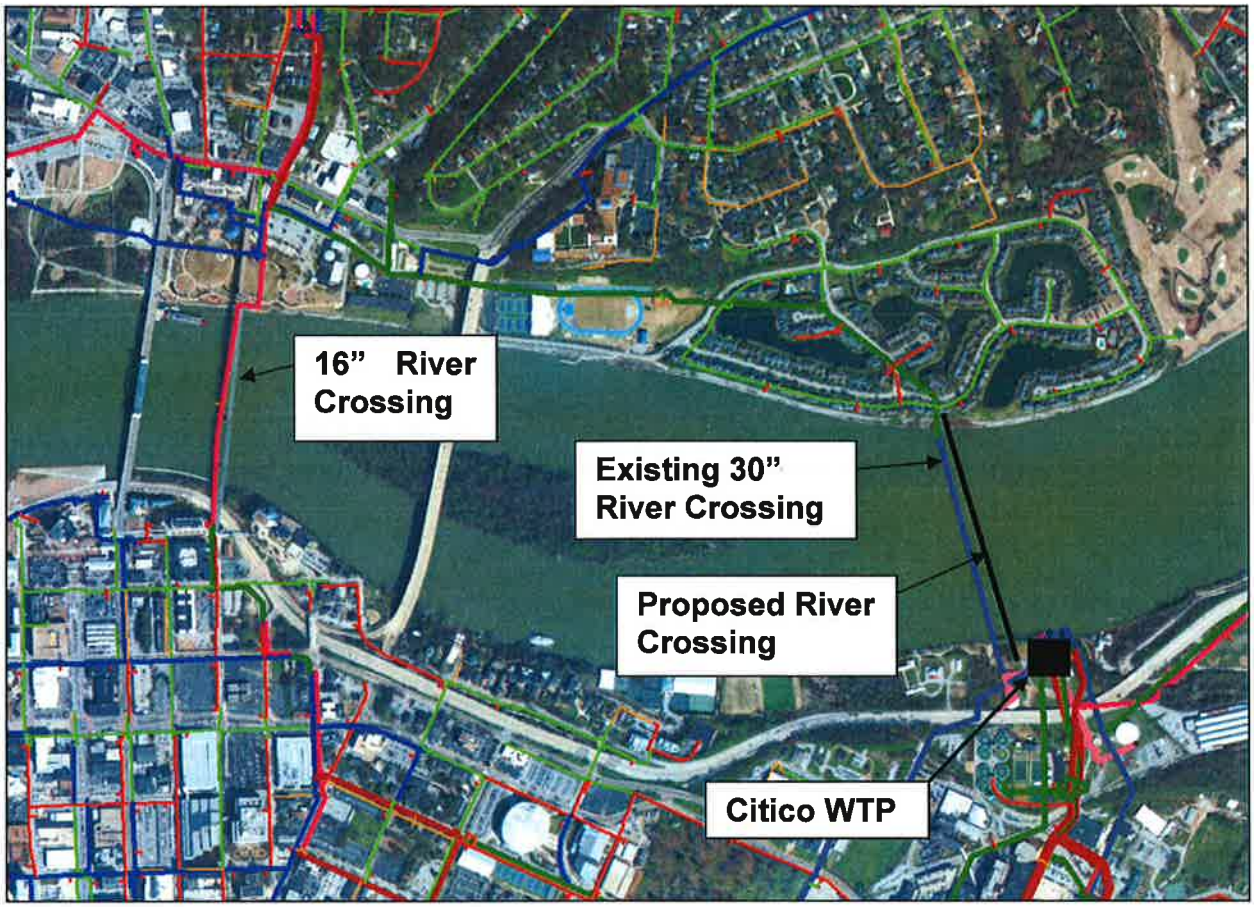
If a new main is installed across the river, it should be designed for meeting the long-term demands beyond 2030, some of which are currently unknown. This could include some additional build out growth beyond 2030 within the TNAW service area north of the river, or the potential for growth through wholesale water contracts. The main should be designed to accommodate realistic growth potential.

A potential build out maximum day demand of 10 mgd may be realistic for the area. It is also possible that wholesale water delivery may be requested from TNAW at some point in the future. Designing for a potential wholesale demand of approximately 5 mgd is used for planning purposes. With a total design demand of 15 mgd, and assuming approximately 4 mgd can be delivered through the 16-inch main, the new main should have a carrying capacity of at least 11 mgd. A 24-inch main is limited to approximately 10 mgd at a headloss gradient of 3 ft/1000 ft, so this would provide slightly less than the projected design capacity. A 30-inch main provides the projected design capacity. It also provides complete redundancy for the existing 30-inch main.

Recommended Solution:

Install a 30-inch diameter main under the Tennessee River using directional drilling, located parallel to the existing 30-inch main extending north from the Citico WTP, as shown in the exhibit on the following page.

It is noted that other options have been evaluated by TNAW, including installing two or more pipelines across the Olgiati Bridge. Because of pipeline diameter limitations on the bridge, and the high estimated cost, this is no longer an option. Directional drilling under the river appears to be the most feasible option, though other cost effective options should be considered.



Output and Benefits:

The new river crossing will improve reliability in the event of a critical main break on the existing 30-inch main. It provides complete redundancy and allows for serving future growth in this area of the system.

Options:

A 24-inch diameter main can be considered if it is significantly less costly.

Emergency interconnections can also be considered from either the Hixson UD or the Walden's Ridge UD, to provide enough supply capacity to supplement the available flow through the single 16-inch main.

Budget Discussion:

The project is estimated at a cost $1.5 million, based on conceptual cost estimate of the river crossing.

Risks:

The primary risk of not doing the project is the inability to provide adequate levels of service in the event of a critical loss of the existing 30-inch main. At normal demands, service pressures would drop down below 20 psi in some areas of the system. Demands would need to be curtailed in order to maintain adequate service pressures. This may not be feasible with a prolonged outage caused by a critical break.

Purpose Codes and Drivers:

Asset Code	Purpose Code
331 – Trans & Distribution Mains	Rel/Qual customer (pres taste etc.)

TENNESSEE AMERICAN WATER
CITICO PLANT

Supply/Production Project
I26-020038

RETIRE BASIN 1

Design and Permitting: 3 months
Construction: 6 Months

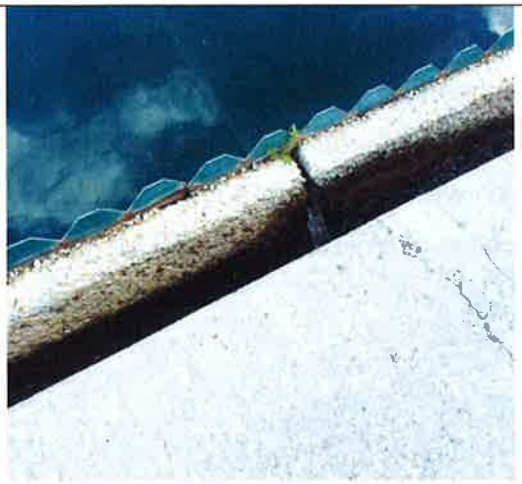
Project Cost: $600,000

Need for Project:

Sedimentation basins 1, 2 and 3 are old and deteriorating, as is Filter Building #3. Concrete testing was performed at Plant 1, on Sedimentation Basins 1 and 2. Testing indicated that Basin 2 samples exhibited sufficient compressive strengths to maintain service. Samples from Basin 1 indicated extremely compromised concrete, representing a safety risk to personnel.

Background:

Sedimentation Basin Nos. 1, 2 and 3 were constructed in 1892 (122 years old), 1912 (102 years old), and 1925 (89 years old), respectively. Basins 1 and 2 consist of separate flocculation and sedimentation zones, whereas Basin 3 has no flocculation. A visit to the site revealed outer deterioration of the concrete, concrete joints and collection troughs, exhibiting overall poor concrete quality. The troughs have holes in the bottom and cracks throughout Basins 1 and 2, allowing water to infiltrate the troughs below the weir structures – shown below.

Leaking Collection Trough	**Deteriorated Concrete and Joints**
	

Concrete samples were taken from Basins 1 and 2. Of the nine core samples obtained from Basin 1 in 2010 (SM&E, 2010), seven of them simply fell apart and were soft enough to be pulverized by hand. The two samples that were able to be tested indicated compressive strengths of approximately 1,000 psi, whereas 28 day cure compressive strengths are typically specified to be equal to or greater than 4,000 psi. The exhibit below indicates a typical sample obtained from Basin 1.

Typical Basin 1 Core Sample



After review of the results, the original plans to retrofit Basin 1 were altered due to the lack of base concrete competency required to attach structures to. Furthermore, the consultant leading the design advised TNAW to immediately fill the basin with water to maintain lateral pressure, and advised TNAW to keep heavy machinery away from Basin 1 (CDM, 2010).

The core samples collected from Basin 2 were in better condition than the cores collected from Basin 1 (S&ME, 2013). Testable samples were obtained from each core location and weathering was only observed at the surface of the concrete. The compressive strength testing yielded results ranging from 2,900 to 4,970 psi. The lowest result was recorded from a sample which was taken from a crack on the north wall of the basin, which was later sealed under the direction of AW BSE (AW BSE Memo from Javier Jimenez, June 2013).

Typical Basin 2 Core Sample



Inspection of Basin 3 indicated cracking walls in the northwest corner. Temporary bracing was installed. Long term improvements that have been recommended for Basin 3 include reinforcing the existing concrete walls and installing a separate structure within the basin. As reinforcements were already considered for Basin 3 (discussed below), and because Basin 3 is the younger of the three, Basin 3 is of less concern.

Recommended Solution:

Basin 1 concrete testing results indicated considerably low compressive strengths in two of the nine samples obtained. The remaining seven samples were unable to be tested as the concrete was too weak to maintain integrity in the core. Based on these results, Basin 1 is considered a potential hazard and should be removed from service. Assuming Basin 3 is rehabilitated with plate settlers and flocculation as planned, adequate settling can be provided without Basin 1 under all anticipated flow conditions, and Basin 1 can be retired.

Basin 2 concrete testing indicates competent concrete, with good compressive strengths ranging from 2,900 to 4,970 psi. From a safety perspective, Basin 2 is not considered a risk for collapse and is a candidate for upgrades to improve settling.

Output and Benefits:

The primary benefit of retiring Basin 1 is safety related. The Basin currently poses a potential safety risk. Also, by eliminating Basin 1 relying more on the renovated Basin 3 for prefiltration

treatment, settled water quality will improve. By retiring Basin 1, significant capital costs for basin renovation are avoided.

Options:

If Basin 1 were to provide value to the enhancement of the Citico plant, an option would be to demolish the current concrete and re-form new walls. In addition to this being an expensive proposition, Basin 1 is not needed due to added settling capacity provided by Basin 2 and 3 renovations, as well as diminishing demands in the Chattanooga system.

Budget Discussion:

The budget for this project includes materials and labor to demolish Basin No. 1.

Costs:

The cost of the project is estimated to be approximately $600,000. Approximately $300,000 of the estimate will be removal cost for the labor to remove the existing structure and $300,000 will be new assets to return the area to usable space.

Risks:

If this project is not completed, there is a potential safety risk associated with the failure of Basin 1. Retirement of Basin 1 should proceed with caution, particularly when the Basin is dewatered. Lateral hydrostatic pressure from groundwater will act as an inward force exerting pressure toward the basin. It is recommended that this risk be considered during construction and measures incorporated to account for the risk.

Purpose Codes and Drivers:

Asset Code	Purpose Code
320 – Water Treatment Plant Equip	Asset Renewal poor condition

TENNESSEE AMERCAIN WATER
CITICO PLANT

Supply/Production Project
I26-020039

REHABILITATE BASIN 2 WITH TUBE SETTLERS

Design and Permitting: 6 months
Construction: 12 Months

Project Cost: $3,500,000

Need for Project

As noted in **Project A-1**, the TNAW Citico WTP experiences elevated applied turbidities resulting in a risky approach to meeting finished water quality and precluding TNAW from qualifying for EPA's Partnership goals. A copy of the same table used in **Project A-1** is shown below, tabulating 2013 applied turbidity data.

Applied Water (max) 2012-2013

Percentile	Yearly	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13
50	2.50	1.70	2.10	1.40	1.60	1.70	1.70	2.40	6.00	7.05	5.20	3.35	3.10
75	4.70	2.38	2.40	1.55	1.90	2.00	2.00	4.05	7.15	8.03	6.10	4.25	3.85
90	6.66	2.93	2.80	1.80	2.44	2.70	2.20	6.30	8.30	8.96	7.00	5.43	4.60
95	7.58	3.42	3.20	1.95	3.02	2.90	2.26	7.05	8.90	9.17	7.55	5.76	5.25
96	7.74	3.54	3.38	1.98	3.14	3.02	2.28	7.14	9.02	9.19	7.64	5.78	5.34
97	8.12	3.61	3.52	2.04	3.24	3.13	2.31	7.29	9.31	9.30	7.74	5.87	5.51
98	8.67	3.64	3.58	2.16	3.33	3.22	2.34	7.56	9.94	9.43	7.86	6.01	5.84
99	9.10	3.67	3.64	2.28	3.41	3.31	2.37	7.83	10.57	9.57	7.98	6.16	6.17
Avg	3.34	1.96	2.16	1.50	1.76	1.85	1.79	3.42	6.01	7.27	5.42	3.74	3.43
Min	1.10	1.10	1.10	1.10	1.20	1.10	1.40	1.70	2.80	5.50	3.60	2.30	2.40
Max	11.20	3.70	3.70	2.40	3.50	3.40	2.40	8.10	11.20	9.70	8.10	6.30	6.50
RSD	62.9%	35.3%	25.1%	16.6%	32.0%	29.5%	14.6%	53.4%	31.7%	15.8%	20.2%	27.0%	28.3%
Spike Counter - All Raw Data													

Note: The operators record 9 values each day (3 per shift). The maximum reading is the max value of those 9 readings and the daily average utilizes all nine values (which is recorded in another "Applied Water (avg)" table.

Background:

Sedimentation Basin Nos. 1, 2 and 3 were constructed in 1892 (123 years old), 1912 (103 years old), and 1925 (90 years old), respectively. Basins 1 and 2 consist of separate flocculation and sedimentation zones, whereas Basin 3 has no flocculation. A visit to the site revealed outer deterioration of the concrete, concrete joints and collection troughs. The troughs have holes in the bottom and cracks throughout Basins 1 and 2, allowing water to infiltrate the troughs below the weir structures – shown below.

Inoperable Weirs





The weir configuration of Basins 1 and 2 is divided in to 20 settling zones. While this provides added benefit to weir loading rates (WLR), it short circuits the hydraulic residence time (HRT) and surface loading rate (SLR) due to their proximity to the flocculation basins. While WLR is an important parameter, SLR and HRT tend to govern effective sedimentation. For this reason, Basins 1 and 2 are overloaded. The configuration of the weir cells makes it difficult to calculate actual HRT and SLR, thus calculations assume a conservative scenario of an open basin. TNAW continues to meet demands but with poor water quality coming from the basins. Thus TNAW is struggling to meet water quality during maximum day demands under all conditions, and average day demands with elevated raw water turbidities.

Concrete Testing:

Basin 2 concrete testing indicates competent concrete, with good compressive strengths ranging from 2,900 to 4,970 psi. From a safety perspective, Basin 2 is not considered a risk for collapse as Basin 1 is, and is a candidate for upgrades to improve settling. The basin is aged, however, and any anchoring that is required to should take this in to consideration if the tank is retro-fitted.

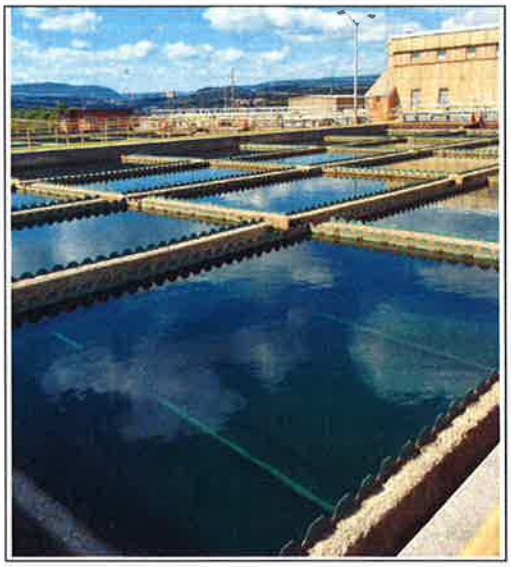
Water Quality Analysis:

With capacity from Basin 3A and 3B, Basin 1 is no longer necessary. This coincides well with the end of the Basin's useful life, as illustrated in Project A-3. Basin 2 will be necessary to provide sufficient capacity to meet reliable maximum day demand, while meeting water quality regulatory needs. Similarly, Basin 2 concrete testing has exhibited competent compressive

strengths. The ultimate build out of Basins 2 and 3 will augment the Plant 2 Aldrich units to meet maximum day demand under all conditions, as illustrated below.

Under current conditions, with Basins 1, 2 and 3 operating "as-is", all three of the basins are overloaded. Basins 1 and 2 collection weirs are divided in to 20 separate settling zones, as shown below. The net effect of this is a decrease in overall loading capacity because the flocculated water does not have an opportunity to settle. Additionally, the concrete that makes up the troughs and weirs has deteriorated to the point that the collection troughs are leaking and quiescent weir settling is rendered useless. Without sufficient surface loading and residence time, water quality suffers tremendously. While this is difficult to quantify using standard treatment design criteria, TNAW production staff has based their production on water quality results. (Similarly, Basin 3 has no flocculation, restricting the flow through capacity to less than what could be attained).

Basins 1 and 2 Differentiated Settling Cells



Three pretreatment scenarios were run in order to assess settling basin parameters, assuming three plant demands: projected ADD @ 34.4 mgd, projected MDD @ 47.5 and current plant rated capacity @ 65 mgd. The scenarios include:

- Pretreatment Scenario 1 represents existing conditions,

- Pretreatment Scenario 2 includes upgrades to Basin 3 (plate settlers and flocculators),
- Pretreatment Scenario 3 adds to Scenario 2 by including Tube Settlers in Basin 2.

Pretreatment Scenario 1 (Existing Conditions):

- Basin1 is off line,
- Basin 3 limited to 10 mgd (based on operations feedback),
- Plant 2 ADD=14 mgd and MDD=25 mgd.
- Basin 2 makes up the difference.

Results: - Results indicate overloading of all of the basins for the three parameters of Hydraulic Loading Rate (HRT), Surface Loading Rate (SRT) and Weir Loading Rate. Note that the basis for HRT and WRT are considerably over estimated, as both of these parameters are short circuited due to the unique geometry of the settling basins. The values presented below will be worse in actual practice. See **Table 1**.

Table 1
Basin 1 Out of Service - Basin 2 and 3 "As-Is"

			Capacity (mgd)			Vol	Area	Weir	Notes	
Unit Process (1)	Criteria Description	Theory	34.4	47.5	65	(gal)	(ft^2)	(ft)		
Basin 2 Flocculation	HRT (min)	30	44	26	15	320,000				
Basin 3 Flocculation	HRT (min)	30	0	0	0					
Basin 2 Settling	SLR (gpm/sf)	0.5	0.7	1.2	2.1		10,000			
Basin 2 Settling (2)	WLR (gpm/lf)	10	4.0	6.7	11.6			1,800	20 cells @ 25 x 20'	
Basin 2 Settling (3)	HRT (min)	240	166	99	58	1,200,000			125 x 80 x 15	
Basin 3 Settling (4)	SLR (gpm/sf)	0.5	0.3	0.3	0.3		20,400			
Basin 3 Settling	WLR (gpm/lf)	10	57.8	57.8	57.8			120	160'	
Basin 3 Settling	HRT (min)	240	317	317	317	2,200,000			170 x 120 x 14.5	
Filtration	SLR (gpm/sf)	5	2.0	2.8	4.0		6,920		(30" GAC)	

Pretreatment Scenario 2 (Basin 2 "As-Is" and Basin 3 with Plate Settlers):

- Basin1 is off line,
- Basin 3 retrofitted for max 28 mgd,
- Plant 2 ADD=14 mgd and MDD=25 mgd.
- Basin 2 set to maintain SLR.

Results: - Results indicate continued overloading of all of Basin 2, however Basin 2 could sustain a low flow of roughly 7 mgd based on the calculations below. Again, the values presented below are conservative and actual flows that maintain good water quality should be confirmed with Operations. See **Table 2**.

Table 2 Basin 1 Out of Service - Basin 2 "As-Is" and Basin 3 with Plates										
			Capacity (mgd)			Vol	Area	Weir	Notes	
Unit Process (1)	Criteria Description	Theory	34.4	47.5	65	(gal)	(ft^2)	(ft)		
Basin 2 Flocculation	HRT (min)	30	66	66	38	320,000				
Basin 3 Flocculation	HRT (min)	30	78	51	38	730,000				
Basin 2 Settling	SLR (gpm/sf)	0.5	0.5	0.5	0.8		10,000			
Basin 2 Settling (2)	WLR (gpm/lf)	10	2.7	2.7	4.6			1,800	20 cells @ 25 x 20'	
Basin 2 Settling (3)	HRT (min)	240	247	247	144	1,200,000			125 x 80 x 15	
Basin 3 Settling (4)	Plate SLR (gpm/sf)	0.5	0.2	0.3	0.4		48,608			
Basin 3 Settling (5)	WLR (gpm/lf)	10	7.3	11.1	15.2			1,280	840	
Filtration	SLR (gpm/sf)	5	3.5	4.8	6.5		6,920		(30" GAC)	

Pretreatment Scenario 3 - (Basin 2 With Tube Settlers and Basin 3 with Plate Settlers):

- Basin1 is off line,
- Basin 3 retrofitted for max 28 mgd,
- Plant 2 ADD=14 mgd and MDD=25 mgd.
- Basin 2 with tube settlers to increase capacity.

Results: - Results indicate that tube settlers in Basin 2 will increase the surface loading rate to allow up to 12 mgd through the Basin, as opposed to 7 mgd (or less). See **Table 3**.

Table 3 Basin 1 Out of Service - Basin 2 with Tube Settlers and Basin 3 with Plates										
			Capacity (mgd)			Vol	Area	Weir	Notes	
Unit Process (1)	Criteria Description	Theory	34.4	47.5	65	(gal)	(ft^2)	(ft)		
Basin 2 Flocculation	HRT (min)	30	72	42	38	320,000				
Basin 3 Flocculation	HRT (min)	30	75	64	38	730,000				
Basin 2 Settling (2)	SLR (gpm/sf)	2	1.1	1.9	2.1		4,000			
Basin 2 Settling (3)	WLR (gpm/lf)	10	5.6	9.6	10.4			800		
Basin 3 Settling (4)	Plate SLR (gpm/sf)	0.5	0.2	0.2	0.4		48,608			
Basin 3 Settling (5)	WLR (gpm/lf)	10	7.6	8.9	15.2			1,280	840	
Filtration	SLR (gpm/sf)	5	3.5	4.8	6.5		6,920		(30" GAC)	

Recommendation:

Plant capacity was assessed with and without tube settlers in Basin 2, assuming that Basin No. 3 would be outfitted with plate settlers (**Project A-1**). Each of those scenarios was further evaluated assuming the largest sed basin (3a) went out of service due to a mechanical failure such as the chain and flight sludge collectors. Results are shown below:

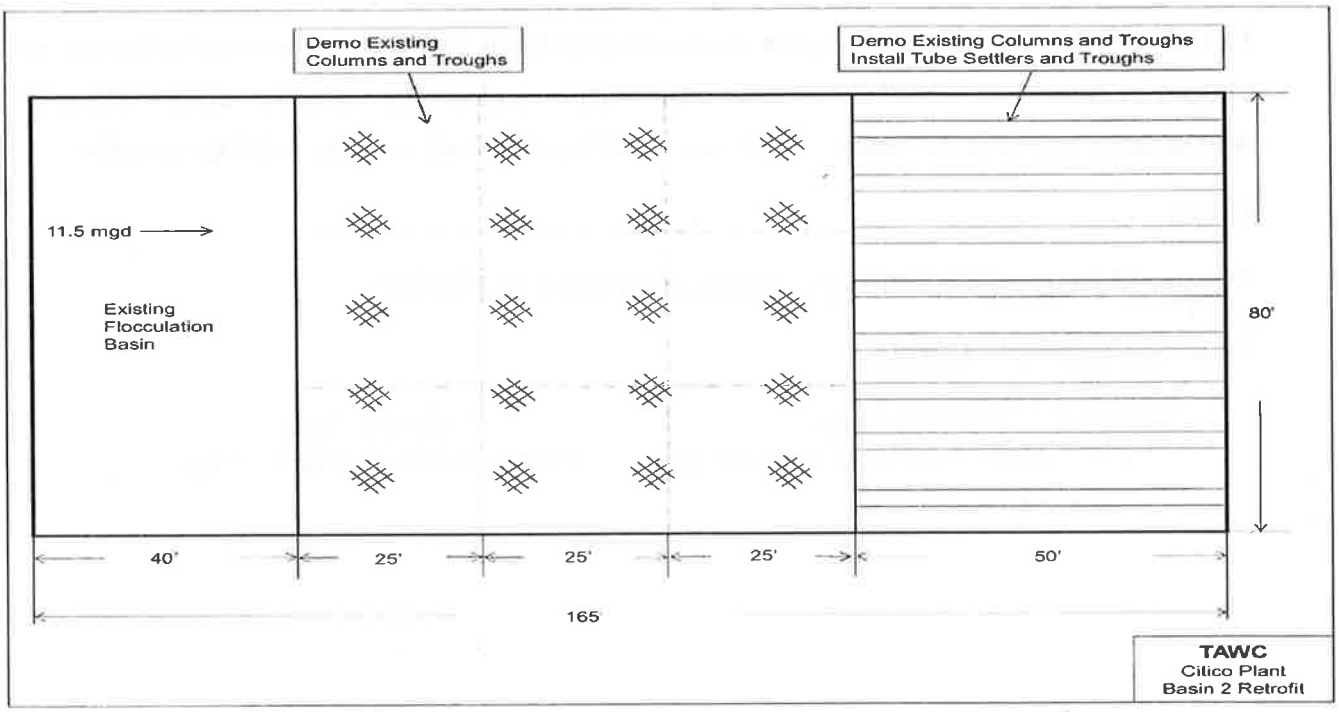
Location	No Tube Settlers	With Tube Settlers	No Tube Settlers and Basin 3a out of service	With Tube Settlers and Basin 3a out of service
Plant 2	25 mgd	25 mgd	25 mgd	25 mgd
Basin 2	7 mgd	11.5 mgd	7 mgd	11.5 mgd
*Basin 3	28 mgd	28 mgd	14 mgd	14 mgd
Total	60 mgd	64.5 mgd	46 mgd	50 mgd

*Assumes Rehabilitation of Basin 3 with plate settlers and flocculation.

Basin 2 without tube settlers indicates a maximum plant capacity of 60 mgd, which exceeds the projected max day of 47.5 mgd. If process train 3a were out of service, plant capacity would be reduced to 46 mgd. Both of these values change to 64.5 mgd and 50.5 mgd with tube settlers.

Though there are few moving parts in a sed basin, there is still the possibility that a basin may go down. Also, a Plant 2 capacity of 25 mgd may be optimistic. These factors, in conjunction with an overall environment of decreasing plant vulnerability, provide some basis for installing tube settlers. It is recommended that TNAW consider the option of installing tube settlers to address these issues. This should be fully evaluated once Basin 3 is on line with the plate settler and flocculation improvements. A sketch of the preliminary estimate of dimensions needed for the improvement is shown below.

Basin 2 Tube Settler Retrofit



Output and Benefits:

The project will not only provide improved water quality, but will also provide redundancy and reliability to the Citico plant. The recommendation of taking Basin 1 off line also has the unintended impact of removing a basin that provides redundancy and reliability.

Options:

TNAW currently overloads the filters with a reactionary approach to overdosing filter aid to elevated applied water turbidities. While TNAW has been able to meet demands, this is a risky approach and also precludes them from meeting EPA's Partnership goals. This is exacerbated with the limited amount of flocculation and settling in Basins 1 and 2 as well. Additionally, Basin 1 currently presents a safety issue and is recommended for abandonment. With Basin 1 off line, maximum day demands would not be met.

Risks:

There is risk to not meeting finished water quality as well as limited reliability.

Budget Discussion:

The budget for this project includes materials and labor to demolish existing columns and troughs in Basin No. 2 and install new tube settlers and sludge collection equipment in the downstream 50 feet of the basin. The tubes would be anchored in to the existing concrete.

Costs:

The cost of the project is estimated to be approximately $3,500,000.

Purpose Codes and Drivers:

Asset Code	Purpose Code
320 – Water Treatment Plant Equip	Rel/Qual improved technology

TENNESSEE AMERICAN WATER
CITICO PLANT

Supply/Production Project
I26-020040

CHLORINE GAS CONVERSION

Design and Permitting: 12 months
Construction: 18 Months

Project Cost: $4,500,000 to 6,800,000

Need for Project:

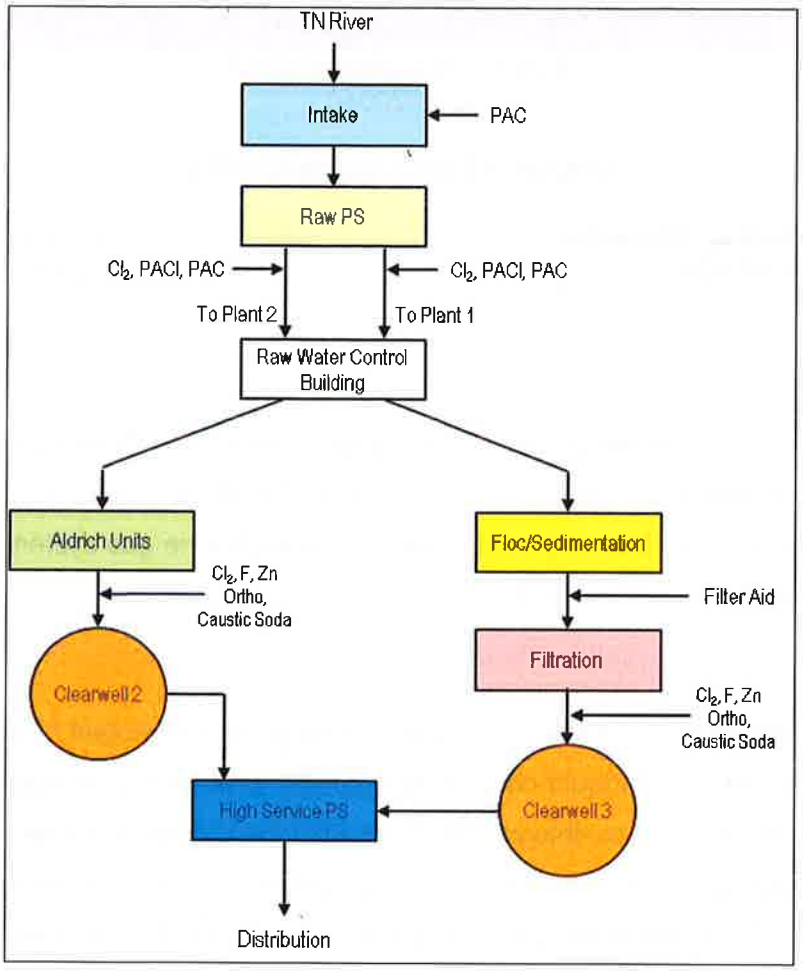
TNAW currently utilizes chlorine gas for pre and post chlorination. Chlorine gas poses a safety risk, which is increased in an urban setting such as the Citico plant. A hospital abuts the property, increasing the risk from a potential failure of the chlorine gas system. The scrubber is also old and nearing the end of its useful life.

Background:

TNAW has used gas chlorine for disinfection since inception of the plant. The chlorine system utilizes 12 one-ton cylinders. Liquid chlorine flows under pressure to an evaporator where it is superheated and vacuum fed to chlorinators. The chlorine cylinders are stored in a separate, vented room adjacent to the evaporators and chlorinators, both located in the basement of the chemical building. A chlorine scrubber is located outside of the chlorine storage building. Pre chlorine is fed at a concentration of approximately 2 and 3 ppm at the raw water control building for Plants 1 and 2. Post chlorine is fed at roughly the same rate at the Aldrich units in Plant 2 and at the filters in Plant 1. Application points are shown schematically below.

TNAW currently has the appropriate safety procedures in place, including a negatively pressured chlorine room with audible alarm and a chlorine scrubber to remove chlorine gas from the storage room. These backup measures are intended to mitigate the consequences of a possible cylinder rupture or chlorine leak. In the event that one or more of these measures fail, TNAW personnel are at risk, as well as personnel and patients in the abutting hospital and public, in general. A review of TNAW's chlorine use indicates an average use of approximately 1,000 lbs/day and a maximum use of roughly 2,000 lbs/day. A schematic of the current feed system is shown below on **Exhibit 1**.

Exhibit 1
Current Chlorine Feed Schematic



Recommended Solution:

Bulk delivery of sodium hypochlorite (NaOCl) and on site generation of NaOCl were evaluated as potential alternatives to gaseous chlorine. Based on the supporting material discussed below, on site generation of sodium hypochlorite is recommended.

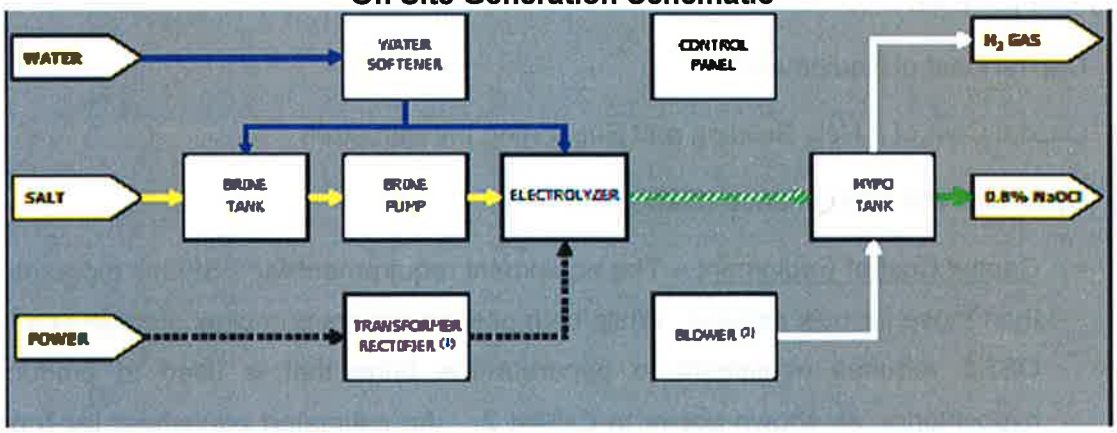
Bulk Delivery of Sodium Hypochlorite - Sodium hypochlorite, also referred to as liquid bleach, is typically available at concentrations of 10-12%. The strength of a bleach solution is commonly expressed in terms of its "trade percent" or "percent by volume," not its weight percent: 15 trade percent hypochlorite is only 12.4 weight percent hypochlorite. NaOCl is delivered in bulk liquid form and requires a bulk storage tank and day tank. It is safer to transport and store than gaseous chlorine due to its dilute, liquid form. It is not under pressure and therefore does not have the same potential to rupture as chlorine gas does.

The stability of hypochlorite solutions is adversely affected by heat, light, pH, and metal contamination, however. The rate of decomposition of 10% and 15% solutions nearly doubles with every 10°F rise in the storage temperature. Sunlight reduces the half-life of a 10% -15% hypochlorite solution by a factor of 3 to 5. If the pH of a stored solution drops below 11, decomposition is more rapid. As little as 0.5 ppm of iron causes rapid deterioration of 10-15% solutions. The addition of concentrated ferric chloride to a tank of sodium hypochlorite causes the rapid generation of chlorine gas. Deterioration thus makes it difficult to track the actual chlorine concentration and flow pace with changes in water delivery. Ultimately, TNAW may be paying for chlorine that is lost due to degradation.

Normal industrial grades of sodium hypochlorite may be fed neat or diluted with low-hardness water. The use of high-hardness waters for dilution can cause precipitation of calcium salts due to the high pH of the hypochlorite solution. Approximately 1 gal of industrial strength sodium hypochlorite is required to replace 1 lb of gaseous chlorine. Assuming an average day of 1,000 lbs of gaseous chlorine, this would equate to roughly 1,000 gallons per day. Based on the degradation potential, the volume of storage required would try to be minimized. While 15 days of storage would require approximately 15,000 gallons of storage, this should be balanced with the proximity and ease of delivery in order to minimize storage time.

On Site Generation – On site generation systems generate a 0.8% NaOCl solution using three common consumables: salt, water and electricity. A typical schematic for on-site generation is shown below on **Exhibit 2**.

Exhibit 2
On Site Generation Schematic



Similar to bulk delivery of NaOCl, on site generation is a proven alternative disinfection treatment method. On-site generated sodium hypochlorite is stable and easy to feed, and less chlorine is lost to the atmosphere because of better mixing and retention in the treated water.

On site generation is most often generated with pre-packaged equipment that can produce a broad range of chlorine from less than 10 lbs/day to as high as 1500 lbs/day, depending on the unit. The benefits of onsite generation are listed below:

- Effective Disinfection, minimize health risks (as in all chlorination).
- No risk potential caused by gaseous chlorine.
- No handling of dangerous chemicals.
- Economic production based on actual demand.
- Hypochlorite produced at a definite concentration (always available).
- Economic off-peak production of bleach possible (Electrical Costs).
- Concentration of available chlorine is low (0.7 to 0.9%) compared to commercial bleach (12-15%), resulting in minimized decomposition of chlorine in feed stock.
- Storage of low quantity of bleach for one – two day capacity.
- On Site Generation systems can produce hypochlorite at a cost that is significantly lower than purchased 12-15% hypochlorite.

Storage is based on the ratio of one pound of chlorine equal to 15 gallons of 0.8% hypochlorite solution. One day of storage would equate to approximately 15,000 gallons of NaOCl storage for one average day at the equivalent 1,000 lbs/day chlorine.

Cost Analysis - The cost comparison between OSEC and bulk hypochlorite storage has three primary components:

1) Capital Cost of Equipment
2) Capital Cost of a New Building and Supporting Infrastructure
3) Operation and Maintenance (O&M) cost

- Capital Cost of Equipment – The equipment requirement for OSEC is more intensive than those for bulk storage. While both options require pumping, storage and piping, OSEC requires equipment to generate the brine that is used to produce the hypochlorite, as shown above in Exhibit 2. An estimated equipment list (obtained from a *Parkson quotation developed for TNAW) for OSEC includes:

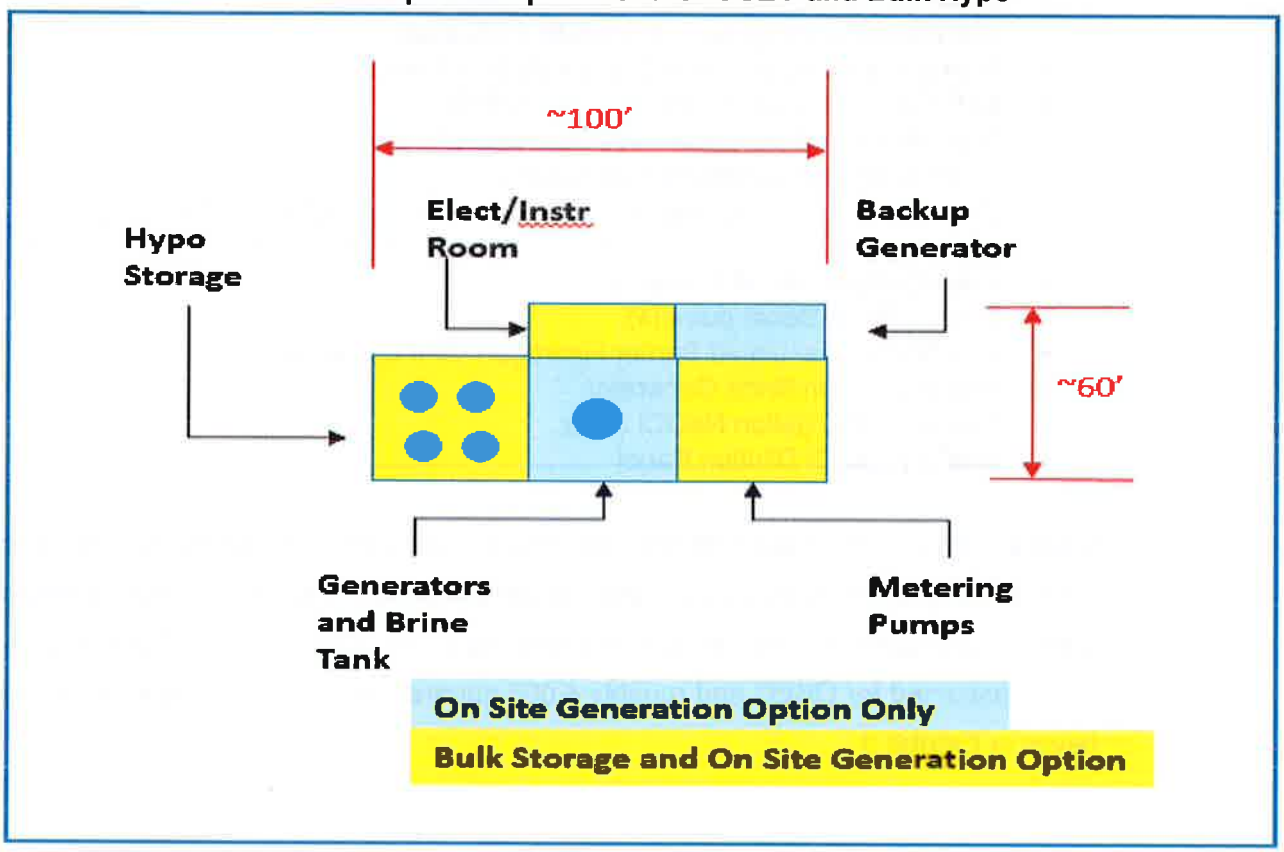
*Parkson Quote for TNAW System at 1,000 lbs/cl-day

- Three (3) MaximOS™ LM-1000 Mixed Oxidant Generator ($1,050,000).

- Total Capacity: 3,000
- Generator Capacity: 1,000 PPD FAC each
- Salt consumption (max.): 3 kW-hr/lb FAC each
- Energy consumption (max.): 3 lb salt/lb FAC each
- FAC Concentration: 4,500 mg/L (+/- 1,000)
- Allen Bradley Micro Logix 1400 PLC with 6" Panel.
- Four (4) 20 in Wall mounted cartridges.
- One (1) Kinetico Hydrus HS330s, non-electric automatic water softening system
- Two (2) Water Boost Pump(s).
- Two (2) Brine Boost pump(s).
- Two (2) Internal Liquid Barrier Hydrogen Vent Systems.
- One (1) 52 Ton Brine Generator.
- Two (2) 6,500 gallon NaOCl tanks.
- One (1) NaOCl Dilution Panel

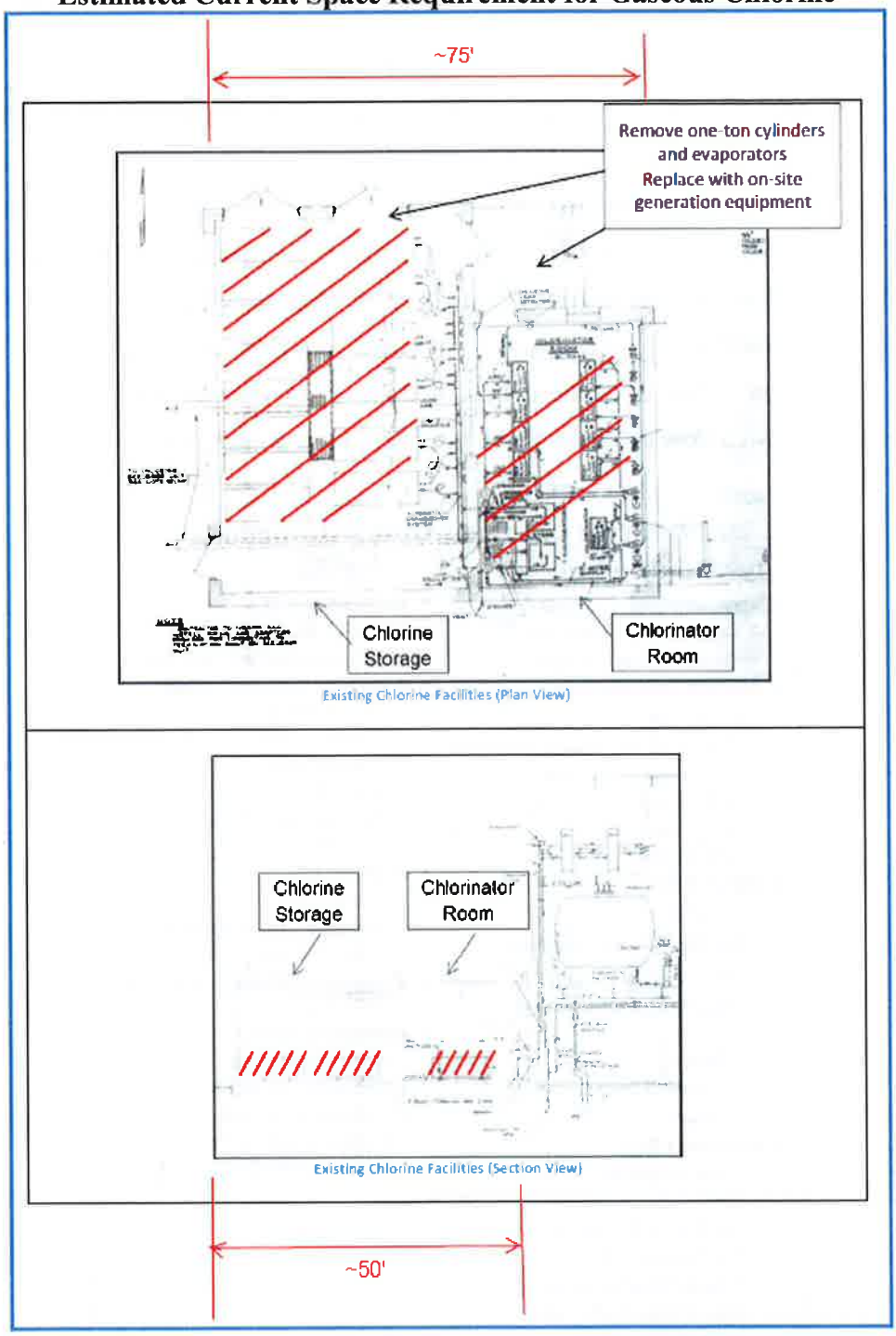
Capital Cost of a New Building and Supporting Structure – The space requirements for both OSEC and bulk storage are substantially more than the current gaseous chlorine arrangement. For a planning level estimate, approximately 5,000 square feet is assumed for OSEC and roughly 4,000 square feet for bulk storage, as shown below in **Exhibit 3**.

Exhibit 3
Estimated Space Requirement for OSEC and Bulk Hypo



The current square footage for the gaseous chlorine is estimated to be between 3,500 and 4,000 square feet, illustrated in **Exhibit 4**. It is possible that the current space could physically support either the onsite option or the bulk storage option, however the gaseous chlorine would need to be operational at all times. It is also possible that the abutting building which houses the fluoride and chlorine scrubber could be utilized for temporary storage, however the space is small and the scrubber would also need to be in operation at all times. Given the challenge with keeping the plant operational, and the limited available space, the most feasible option is the construction of a new facility. A high level planning cost estimate assumes that the Filter Building No. 3 would be demolished and replaced in part with a new chlorine storage facility.

Exhibit 4
Estimated Current Space Requirement for Gaseous Chlorine



- Operation and Maintenance Cost – O&M costs for both the OSEC option and the bulk storage option will also exceed that of the gaseous chlorine. The bulk storage of hypochlorite will require constant filling and the generation alternative has

additional electricity and power requirements. On site generation also requires occasional anode replacement.

A ten year life cycle cost was conducted for bulk hypo storage, chlorine gas and on site generation was estimated using the capital cost above and adding in AFUDC, engineering and contingency. The cost estimate is a high level planning estimate and assumes a new facility would need to be constructed. Due to the space and topographical constraints in the vicinity of the current chlorine building, the new facility is assumed to be built where Filter Building No. 3 is currently situated. The estimate includes demolition of Filter Building No. 3 and construction of a 5,000 square foot building for onsite generation, and the construction of a 4,000 foot building for bulk hypo storage. The equipment assumptions used for the ten year Life Cycle Cost Comparison are shown below in **Table 1** and the results are shown in **Table 2**.

Table 1
Ten Year Life Cycle Cost Assumptions

On Site Generation	Bulk NaOCl
1. Application Data	**1. Application Data**
Daily Chlorine Demand	Daily Chlorine Demand
Chlorination Days per Year	Chlorination Days per Year
2. Economic Evaluation Data	**2. Economic Evaluation Data**
Interest Rate	Interest Rate
Evaluation Period	Evaluation Period
Inflation Rate	Inflation Rate
Cost of Power	Cost of Power
Cost of Salt	Cost of Hypochlorite
Cost of Labor	Cost of Labor
3. System Data	**3. System Data**
Investment	Investment
Electrolyzer Power Consumption	Available Chlorine in Hypo
Electrolyzer Salt Consumption	Hypo Specific Gravity
Equipment Power Consumption	Equipment Power Consumption
Pumps	Pumps
Blowers	**4. Maintenance Data**
Heaters	Pump Maintenance Freq.
Chillers	Pump Maintenance Cost
4. Maintenance Data	Fittings & Valves Replacement
Anode Replacement Frequency	Fittings & Valves Rep. Cost
Anode Replacement Cost	Maintenance Hrs Required
Acid Cleaning Frequency	
Acid Cleaning Cost	
Pump & Blower Maint. Freq.	
Pump & Blower Maint. Cost	
Fittings & Valves Replacement	
Fittings & Valves Rep. Cost	
Maintenance Hrs Required	

Table 2
Capital Cost and Ten Year Life Cycle Cost Comparison

Option	Estimated Capital Cost	O&M Cost	Life Cycle Cost
On-Site Sodium Hypochlorite Generation	$6,800,000	$364,000	$9,480,000
Bulk Sodium Hypochlorite Storage and Feed	$4,500,000	$619,000	$9,050,000
Chlorine Gas Storage and Feed	$0	$200,000	$1,500,000

(1)The ten year payback analysis included the following parameters, and assumed a power cost of $0.09/kwh.
(2) The cost analysis does not include the cost for demolishing Filter Building No. 3. It is assumed that will be done as a separate project.

As illustrated in Table 2, the capital cost difference between the two technologies favors bulk storage, however the life cycle cost over a ten year period slightly favors on site generation. Over time (assuming the cost of electricity does not fluctuate significantly) the O&M cost for bulk storage will add up. In fact, over a 20 year period the same life cycle analysis indicates a 18% premium for bulk storage, illustrated below in **Table 3**.

Table 3
Capital Cost and Twenty Year Life Cycle Cost Comparison

Option	Estimated Capital Cost	O&M Cost	Life Cycle Cost
On-Site Sodium Hypochlorite Generation	$6,800,000	$408,000	$11,480,000
Bulk Sodium Hypochlorite Storage and Feed	$4,500,000	$695,000	$12,470,000
Chlorine Gas Storage and Feed	$0	$230,000	$2,620,000

Output and Benefits:

The advantages and disadvantages of on-site generation versus bulk delivery are discussed above. Assuming electrical upgrades will be necessary for on-site generation, the ten year payback is roughly the same for the two technologies. The benefit to either of these options is the removal of the potential risk of a chlorine leak in a major metropolitan area with an abutting

hospital. On site generation provides the added benefit of reliability of concentration over time. The potential degradation of bulk hypo chlorite will ultimately add to the cost by requiring additional dosage. Thus on site generation is the recommended alternative.

Options:

The discussion above outlines the two disinfection alternatives of bulk hypo storage and on site chlorination. From strictly an economic perspective, gaseous chlorine remains the best alternative by a significant margin, and that is still an option. A diligent maintenance program for the scrubber and emergency response could mitigate the safety issue with the nearby hospital.

Risks:

The risk to implementing the project is an overall lack of preparation for the scope of the project, and also the need for sequencing during construction. The project is large in scope and a thorough conceptual design level estimate should be conducted. The assumptions and estimates provided here are planning level with unknowns.

Budget Discussion:

A ten year life cycle analysis was conducted for NaOCl on site generation, NaOCl bulk storage, and the current gaseous chlorine system. Based on economics alone the existing gaseous chlorine delivery system is significantly less expensive from a capital and operational cost perspective. If the analysis were purely economical, the cost for maintaining the current system is substantially more attractive. Taking the potential risk factor of the nearby hospital in to account, however, on site generation is more cost effective than bulk storage over time.

Purpose Codes and Drivers:

Asset Code	Purpose Code
320 – Water Treatment Plant Equip	Asset Renewal Proactive measure

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 15-00111
SECOND DISCOVERY SET OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Brent O'Neill

Question: 02-012

Refer to the Company's reply to CPAD Data Request Item 1-19 regarding the support for the estimated investment project in-service dates included on the "WKP 2016 In-Serviced SCEP Proof" tab in the electronic spreadsheet of the Company's filing. The Company's reply to CPAD 1-19 appears to be non-responsive in particular because the source data was not provided. Please provide the source and support for the in-service dates – including all workpapers – that are "based on the best possible information at the time of the budget preparation."

Response:

As indicated in the Company's response to CPAD Item 1-19, the source of the data for the "WKP 2016 In-Serviced SCEP Proof" is the estimated in-service dates indicated in the "EXH 2016 SCEP". The dates within the "EXH 2016 SCEP" are an estimate of the length of the project as provided by the Project Descriptions as included in the response to CPAD Item 2-11. The description provides an estimated Design and Permitting timeframe and an estimated Construction timeframe. This information is developed using professional judgment by the engineering staff. When the projects are entered into the EXH 2016 SCEP the estimated timeframe is considered by the project manager, along with historical knowledge of similar projects to establish the estimated in-service date. This is all of the source and support information, including workpapers, that Tennessee American has.

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 15-00111
SECOND DISCOVERY SET OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question: 02-013

Refer to the Company's reply to CPAD Data Request Item 1-19 regarding the support for the estimated investment project in-service dates included on the "WKP 2016 In-Serviced SCEP Proof" tab in the electronic spreadsheet of the Company's filing as well as the estimated in-service dates for the 2014 and 2015 investment projects on the other tabs of the Company's filing. Explain the Company's rationale for not calculating average plant on investment projects until the project is estimated to be fully completed and actually in service. Would not the investment project be included as projected CWIP in a typical rate case prior to its completion?

Response:

Tennessee American developed its original proposal for investment riders based in part upon American Water commission-approved riders in other states. The approved riders in the other states do not include CWIP. As it is consistent with the streamlined regulatory methodology adopted in other states, this approach appeared to be an appropriate process under Tennessee's alternative regulatory methods to reduce concern about duplicating capital expenditures in projects in a forecasted test year and then again in the subsequent review period if a project were to be delayed. The approach taken with respect to CWIP in Docket No. 15-00111 is consistent with the approach taken in Docket Nos. 13-00130 and 14-00121.

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 15-00111
SECOND DISCOVERY SET OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question: 02-014

Refer to the Company's reply to CPAD Data Request Items 1-21, 1-27, 1-32 and 1-33 regarding the formula reference to incorrect amounts for accounts 320100 and 320200 included on the "WKP 2016 In-Serviced SCEP Proof" tab of the Company's filing. Please explain further the rationale for the Company's response to these four items. In particular, explain the rationale for accounts 320100 and 320200 being "flipped", and how this formula change would result in a "more accurate estimation" of the total cost.

Response:

In Docket No. 13-00130, the schedules projected Business Unit Q to utilize account 320200 for 57.64% of the in-serviced plant. Account 320200 is for water treatment plant filtration media and uses a depreciation of rate of 33.69% or a three-year life. Average plant was $58,170 with a depreciation expense of $19,598.

In the 2014 actual amounts, from Docket No.15-00029 as well as now in Docket No. 15-00111, Business Unit Q did not in-service any amounts to account 320200. Instead, actual in-serviced amounts for Business Unit Q went to account 320100 for water treatment plant equipment, non-media, with a depreciation rate of 1.09% or a 92 year life. The actual 2014 average plant was $56,358 with a depreciation expense of $201.

In the original filing in this Docket, the file TAW_SCH1_111115.xlsx only changed the account from 320200 to 320100 on the "2016 In-Serviced SCEP" and "2016 In-Serviced SCEP Proof" tabs. This was done so the change would only be reflected on the going forward approach. The 2015 In-Serviced SCEP was not revised, but by "flipping" the accounts on the "2016 In-Service SCEP", the cumulative balance in 2016 is expected to be more accurate based on the 2014 actual expenditures. If the Company kept the same assumption for Business Q in Docket No.15-00111 that it had in Docket Nos. 13-00130 and 14-00121, and utilized the account 320200 for projected 2015 and 2016 in-serviced plant, this would increase the current revenue requirement to the customer by over $480,000 just related to depreciation expense. This would have all been attributed to the continuation of utilizing the accelerated depreciation rate on account 320200 for projected Business Unit Q spend. Tennessee American does not anticipate the 2016 capital expenditures in Business Q to occur under account 320200, but rather 320100.

Tennessee American regrets not expressly noting the change in the petition and in the future any such proposed changes will be expressly reflected.

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 15-00111
SECOND DISCOVERY SET OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Linda Bridwell

Question: 02-015

Refer to the Company's reply to CPAD Data Request Items 1-21, 1-27, 1-32 and 1-33 regarding the formula reference to incorrect amounts for accounts 320100 and 320200 included on the "WKP 2016 In-Serviced SCEP Proof" tab of the Company's filing. Admit or deny that the Company has created a formula reference to an incorrect amount from a prior period without disclosure, documentation or notice in the Company's filing or testimony.

Response:

As further detailed in response to Item 02-014 of this same discovery request, Tennessee American reviewed the actual expenditures placed in service in 2014 and believed that going forward, the different account would be more appropriate because it would be a more accurate reflection of the utility plant account expected to be utilized. While any capital expenditures that were actually in-serviced to a different account than forecasted would be "trued-up" in the reconciliation period, Tennessee American believes it is in the best interest of all stakeholders to provide as accurate of a forecast as possible. For this reason, Tennessee American changed the account number for the 2016 forecast under Business Item Q in this filing to occur under 320100 rather than 320200.

Unfortunately, Tennessee American did not specify the change in this filing either in testimony or in the details of the file because the change was to the benefit of the customers and reduced the revenue requirement. In hindsight, going forward the Company will expressly identify any such change – even those to the benefit of the customer.

TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 15-00111
SECOND DISCOVERY SET OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION

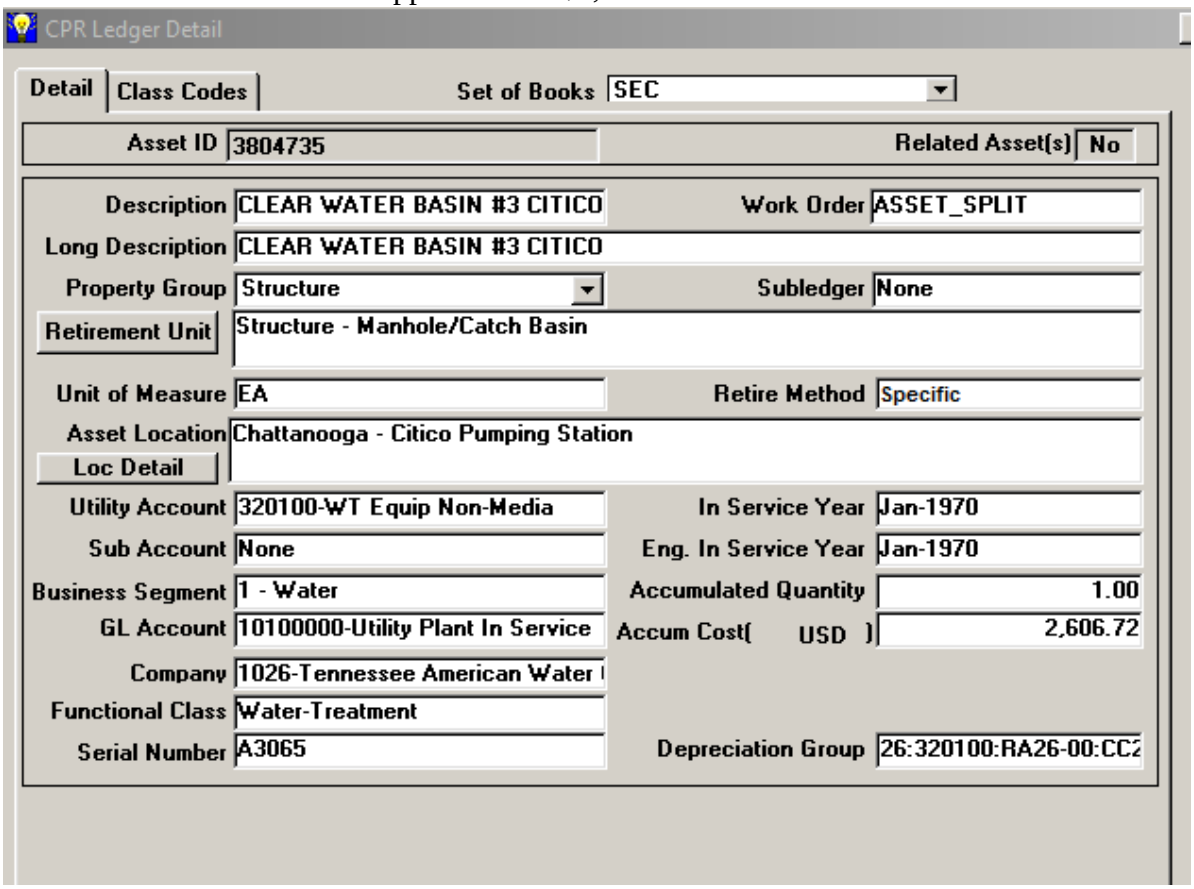
Responsible Witness: Linda Bridwell

Question: 02-016

Refer to the Company's reply to CPAD Data Request Item 1-25 regarding the support for the estimated retirement of $201 that was included on the "WKP 2016 In-Serviced SCEP Proof" tab in the electronic spreadsheet of the Company's filing as a hard coded number. Please provide the source and support for the $2,606.72 amount included in the Company's response to Item 1-25 as "the estimated original cost of the asset to be replaced and subsequently retired in the CPR."

Response:

The source of the estimated original cost of the asset to be replaced which was included in the Company's response to Item 1-25 is the Company's Continuing Property Records (CPR) in an electronic fixed assets system. Below is a screenshot of this asset utilized for the estimation. This is all of the source and support for the $2,606.72.



TENNESSEE AMERICAN WATER COMPANY
DOCKET NO. 15-00111
SECOND DISCOVERY SET OF THE
CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Brent O'Neill

Question: 02-017

Refer to the Company's reply to CPAD Data Request Item 1-26 regarding the support for the estimated removal cost of $23,077 that was included on the "WKP 2016 In-Serviced SCEP Proof" tab in the electronic spreadsheet of the Company's filing as a hard coded number. Please provide the source and support for the $300,000 amount included in the Company's response to Item 1-26 as "the estimated removal cost for the project in order to retire the basin."

Response:

The $300,000 is the estimated removal costs as budgeted for the Retire Basin 1 Project (I26-020038). This was estimated based on the Project Description that is attached to Item 2-11 of this same discovery request. As additional support, please find attached the Justification Form for the project Retire Citico Basin 1, project number I26-020038 that is prepared in Powerplant, the Company's electronic fixed asset system. Under the Cost Summary portion of the form and the Cost Section, the amount of $300,000 is estimated as the removal cost for the project and was the basis for the amount used in "WKP 2016 In-Serviced SCEP". This is all of the source and support for the $300,000 amount.

Justification Forms

Company Name	Tennessee-American Water	FP Number:	I26-020038
District	TN-Chattanooga	FP Description	Retire Citico Basin 1
		Project Manager	O'Neill, Brent E.

REQUEST SUMMARY

Project Funding Status

Requested Stage	PRELIMINARY	001	Requested Amount	600,000.00	Form Status	DRAFT
Authorized Stage		000	Authorized Amount	0.00	Authorized Date	

Scope Summary

Is this a change to the project scope? NO

This project is recommended in the CPS due to Basin 1 concrete testing indicating considerably low compressive strength in severalof the samples. Due to the results the basin is considered a potential hazard and should be retired following Basin 3Rehabilitation.

Schedule Status

	Latest Authorized	Request Authorization
Estimated In-Service:		11/30/2016
Project Completion		12/30/2016

Is this a change to the project Schedule? NO

Cost Summary

Annual Estimate

	Latest Authorized	Requested Change
Priors	0.00	0.00
This Year	0.00	0.00
Year 2	0.00	0.00
Year 3	0.00	0.00
Balance Years	0.00	600,000.00
TOTAL	**0.00**	**600,000.00**

Is this a change in Annual Expenditure? NO

Detailed Estimate

Additions	0.00	300,000.00
Removals	0.00	300,000.00
AFUDC	0.00	0.00
Indirect Overhead	0.00	0.00
Contributions/advances	0.00	0.00
SUBTOTAL	0.00	600,000.00
O&C	0.00	0.00
TOTAL	**0.00**	**600,000.00**

Is this a change in total project estimate? NO

What is the anticipated Rate Impact? 0.0

Is project eligible for DSIC-type recovery? YES

If forward looking state, what is approved rate? 7.0

Will project impact Operating Costs? NO

Justification Forms

Company Name	Tennessee-American Water	FP Number:	I26-020038
District	TN-Chattanooga	FP Description	Retire Citico Basin 1
		Project Manager	O'Neill, Brent E.

SCOPE

Project Basis

Basis of Recommendation:	CPS	Initial Estimate:	430,000.00
Study Title and Year:		Initial Estimate Year:	2014
Study Project No. :		Add Study Hyperlink	

PROJECT ASSETS AND PURPOSE CODES

Asset Owner: TO BE DETERMINED

ASSET CODE	PERCENT	PURPOSE CODE	PERCENT
304 - STRUCTURES AND IMPROVEMENTS	80.00	ASSET RENEWAL IMM/ACTUAL FAILURE	100.00
320 - WATER TREATMENT PLANT EQUIP	20.00		0.00
	0.00		0.00
	0.00		
TOTAL	**100%**	**TOTAL**	**100%**

PROBLEM OR OPPORTUNITY

INVESTIGATED OPTIONS

RECOMMENDED SOLUTION

MEASURABLE BENEFITS Quantity: Units: X

RETIREMENT INFORMATION

PROJECT DELIVERY - Preliminary Stage Deliverable:

Impl. Delivery Method: Project Delivery Risks:

PROJECT RISKS DETAILS:

Justification Forms

Company Name	Tennessee-American Water	FP Number:	I26-020038
District	TN-Chattanooga	FP Description	Retire Citico Basin 1
		Project Manager	O'Neill, Brent E.

IMPACTS & SCHEDULE

Project Impacts & Recovery

What is the anticipated Rate Impact?	0.0
If forward looking rate state, what is the approved rate?	0.0
Is project eligible for DSIC-type recovery?	YES
Is Project Expected to Impact Operating Expenses?	

OPEX Discussion:

Schedule Status

	Project Start Date	Implementation Start Date	In-Service Date	Completion Date	Critical Date	Reason for Critical Date
Forecast	05/27/2016		11/30/2016	12/30/2016		
Authorize						
Prior						

Schedule Comments

Justification Forms

Company Name	Tennessee-American Water	FP Number:	I26-020038
District	TN-Chattanooga	FP Description	Retire Citico Basin 1
		Project Manager	O'Neill, Brent E.

COST

DETAILED ESTIMATE Additions	Latest Forecast	Latest Authorized			
			000	000	000
Planning Summary	0.00	0.00	0.00	0.00	0.00
Preliminary Summary	0.00	0.00	0.00	0.00	0.00
Implementation Summary	300,000.00	0.00	0.00	0.00	0.00
Planning Detail					
AW SUPERVISION	0.00	0.00	0.00	0.00	0.00
CAPITAL PURCHASES	0.00	0.00	0.00	0.00	0.00
CONSTRUCTION COSTS	0.00	0.00	0.00	0.00	0.00
LABOR COSTS	0.00	0.00	0.00	0.00	0.00
OTHER COSTS	0.00	0.00	0.00	0.00	0.00
PROFESSIONAL SERVICES	0.00	0.00	0.00	0.00	0.00
Preliminary Detail					
AW SUPERVISION	0.00	0.00	0.00	0.00	0.00
CAPITAL PURCHASES	0.00	0.00	0.00	0.00	0.00
CONSTRUCTION COSTS	0.00	0.00	0.00	0.00	0.00
LABOR COSTS	0.00	0.00	0.00	0.00	0.00
OTHER COSTS	0.00	0.00	0.00	0.00	0.00
PROFESSIONAL SERVICES	0.00	0.00	0.00	0.00	0.00
Implementation Detail					
AW SUPERVISION	0.00	0.00	0.00	0.00	0.00
CAPITAL PURCHASES	0.00	0.00	0.00	0.00	0.00
CONSTRUCTION COSTS	215,000.00	0.00	0.00	0.00	0.00
LABOR COSTS	0.00	0.00	0.00	0.00	0.00
OTHER COSTS	0.00	0.00	0.00	0.00	0.00
PROFESSIONAL SERVICES	85,000.00	0.00	0.00	0.00	0.00
Removals	300,000.00	0.00	0.00	0.00	0.00
AFUDC	0.00	0.00	0.00	0.00	0.00

Indirect Overhead	0.00	0.00	0.00	0.00	0.00
Contributions/ Advances	0.00	0.00	0.00	0.00	0.00
O&C	0.00	0.00	0.00	0.00	0.00
TOTAL	**600,000.00**	**0.00**	**0.00**	**0.00**	**0.00**

Annual Estimate		
Priors	0.00	0.00
This Year	0.00	0.00
This Year	0.00	0.00
Balance Years	600,000.00	0.00
TOTAL	**600,000.00**	**0.00**

TENNESSEE AMERICAN WATER
CITICO PLANT

Supply/Production Project
I26-020038

RETIRE BASIN 1

Design and Permitting: 3 months
Construction: 6 Months

Project Cost: $600,000

Need for Project:

Sedimentation basins 1, 2 and 3 are old and deteriorating, as is Filter Building #3. Concrete testing was performed at Plant 1, on Sedimentation Basins 1 and 2. Testing indicated that Basin 2 samples exhibited sufficient compressive strengths to maintain service. Samples from Basin 1 indicated extremely compromised concrete, representing a safety risk to personnel.

Background:

Sedimentation Basin Nos. 1, 2 and 3 were constructed in 1892 (122 years old), 1912 (102 years old), and 1925 (89 years old), respectively. Basins 1 and 2 consist of separate flocculation and sedimentation zones, whereas Basin 3 has no flocculation. A visit to the site revealed outer deterioration of the concrete, concrete joints and collection troughs, exhibiting overall poor concrete quality. The troughs have holes in the bottom and cracks throughout Basins 1 and 2, allowing water to infiltrate the troughs below the weir structures – shown below.

Leaking Collection Trough	**Deteriorated Concrete and Joints**
	

Concrete samples were taken from Basins 1 and 2. Of the nine core samples obtained from Basin 1 in 2010 (SM&E, 2010), seven of them simply fell apart and were soft enough to be pulverized by hand. The two samples that were able to be tested indicated compressive strengths of approximately 1,000 psi, whereas 28 day cure compressive strengths are typically specified to be equal to or greater than 4,000 psi. The exhibit below indicates a typical sample obtained from Basin 1.

Typical Basin 1 Core Sample



After review of the results, the original plans to retrofit Basin 1 were altered due to the lack of base concrete competency required to attach structures to. Furthermore, the consultant leading the design advised TNAW to immediately fill the basin with water to maintain lateral pressure, and advised TNAW to keep heavy machinery away from Basin 1 (CDM, 2010).

The core samples collected from Basin 2 were in better condition than the cores collected from Basin 1 (S&ME, 2013). Testable samples were obtained from each core location and weathering was only observed at the surface of the concrete. The compressive strength testing yielded results ranging from 2,900 to 4,970 psi. The lowest result was recorded from a sample which was taken from a crack on the north wall of the basin, which was later sealed under the direction of AW BSE (AW BSE Memo from Javier Jimenez, June 2013).

Typical Basin 2 Core Sample



Inspection of Basin 3 indicated cracking walls in the northwest corner. Temporary bracing was installed. Long term improvements that have been recommended for Basin 3 include reinforcing the existing concrete walls and installing a separate structure within the basin. As reinforcements were already considered for Basin 3 (discussed below), and because Basin 3 is the younger of the three, Basin 3 is of less concern.

Recommended Solution:

Basin 1 concrete testing results indicated considerably low compressive strengths in two of the nine samples obtained. The remaining seven samples were unable to be tested as the concrete was too weak to maintain integrity in the core. Based on these results, Basin 1 is considered a potential hazard and should be removed from service. Assuming Basin 3 is rehabilitated with plate settlers and flocculation as planned, adequate settling can be provided without Basin 1 under all anticipated flow conditions, and Basin 1 can be retired.

Basin 2 concrete testing indicates competent concrete, with good compressive strengths ranging from 2,900 to 4,970 psi. From a safety perspective, Basin 2 is not considered a risk for collapse and is a candidate for upgrades to improve settling.

Output and Benefits:

The primary benefit of retiring Basin 1 is safety related. The Basin currently poses a potential safety risk. Also, by eliminating Basin 1 relying more on the renovated Basin 3 for prefiltration

treatment, settled water quality will improve. By retiring Basin 1, significant capital costs for basin renovation are avoided.

Options:

If Basin 1 were to provide value to the enhancement of the Citico plant, an option would be to demolish the current concrete and re-form new walls. In addition to this being an expensive proposition, Basin 1 is not needed due to added settling capacity provided by Basin 2 and 3 renovations, as well as diminishing demands in the Chattanooga system.

Budget Discussion:

The budget for this project includes materials and labor to demolish Basin No. 1.

Costs:

The cost of the project is estimated to be approximately $600,000. Approximately $300,000 of the estimate will be removal cost for the labor to remove the existing structure and $300,000 will be new assets to return the area to usable space.

Risks:

If this project is not completed, there is a potential safety risk associated with the failure of Basin 1. Retirement of Basin 1 should proceed with caution, particularly when the Basin is dewatered. Lateral hydrostatic pressure from groundwater will act as an inward force exerting pressure toward the basin. It is recommended that this risk be considered during construction and measures incorporated to account for the risk.

Purpose Codes and Drivers:

Asset Code	Purpose Code
320 – Water Treatment Plant Equip	Asset Renewal poor condition

STATE OF Kentucky)
)
COUNTY OF Fayette)

BEFORE ME, the undersigned authority, duly commissioned and qualified in and for the State and County aforesaid, personally came and appeared Linda C. Bridwell, being by me first duly sworn deposed and said that:

She is appearing as a witness on behalf of Tennessee-American Water Company before the Tennessee Regulatory Authority, and if present before the Authority and duly sworn, the data requests responses are accurate to the best of her knowledge.

Linda C. Bridwell

Linda C. Bridwell

Sworn to and subscribed before me
this 28th day of January, 2016.

Peggy A. Slone

Notary Public

My Commission Expires: 10/3/2016