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

RE: Petition of Tennessee-American Water Company Regarding the 2020 Investment and Related Expenses Under the Qualified Infrastructure Investment Program Rider, the Economic Development Investment Rider and the Safety and Environmental Compliance Rider, TPUC Docket No. 19-00105

Dear Chairman Morrison:

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

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

Very truly yours,

BUTLER SNOW LLP

Melvin I Malone

clw

Attachments

cc: Elaine Chambers, TAWC

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

The Pinnacle at Symphony Place 150 3rd Avenue South, Suite 1600 Nashville, TN 37201 MELVIN J. MALONE 615.651.6705 melvin.malone@butlersnow.com T 615.651.6700 F 615.651.6701 www.butlersnow.com

BEFORE THE TENNESSEE PUBLIC UTILITY COMMISSION NASHVILLE, TENNESSEE

PETITION OF TENNESSEE-AMERICAN WATER COMPANY REGARDING THE 2020 INVESTMENT AND RELATED EXPENSES UNDER THE QUALIFIED INFRASTRUCTURE INVESTMENT PROGRAM RIDER, THE ECONOMIC DEVELOPMENT INVESTMENT RIDER AND THE SAFETY AND ENVIRONMENTAL COMPLIANCE))))))	DOCKET NO. 19-00105
ENVIRONMENTAL COMPLIANCE RIDER))	

TENNESSEE-AMERICAN WATER COMPANY'S SUPPLEMENTAL RESPONSE TO SECOND DISCOVERY REQUESTS OF THE CONSUMER ADVOCATE

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

GENERAL OBJECTIONS

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

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

TENNESSEE AMERICAN WATER COMPANY DOCKET NO. 19-00105 SECOND DISCOVERY REQUEST OF THE CONSUMER ADVOCATE AND PROTECTION DIVISION

Responsible Witness: Elaine K. Chambers

Question:

4. Provide an estimate of TAWC's average Rate Base for 2020 with a listing of all assumptions relied on to compute the estimate.

Response:

4. TAWC objects to this request on the grounds that it is overbroad, speculative, and unduly burdensome.

Supplemental Response:

4. TAWC objects to this request on the grounds that it is overbroad, speculative, and unduly burdensome. Subject to and without waiving this objection, please see the attachment.

Tennessee American Water Company Docket No. 19-00105 Response to CAPD Data Request 2-004 Estimated 2020 Rate Base

		Actual	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	
Line #		Dec 2019	Jan 2020	Feb 2020	Mar 2020	Apr 2020	May 2020	Jun 2020	Jul 2020	Aug 2020	Sep 2020	Oct 2020	Nov 2020	Dec 2020	13Mth Average
1	Additions:														
2	Plant in Service (1)	\$354,113,607	\$355,004,923	\$357,109,182	\$358,514,816	\$361,016,343	\$363,321,594	\$365,120,201	\$366,699,544	\$368,184,516	\$369,762,891	\$371,162,284	\$377,775,639	\$379,042,851	\$365,140,645
3	Plant Under Construction (2)	4,461,363	5,621,046	5,284,423	6,359,544	6,227,907	6,203,100	6,933,550	7,696,213	8,546,347	9,374,410	10,070,158	4,246,363	4,246,363	6,559,291
4	Property Held For Future Use	0													0
5	Materials and Supplies	894,617	894,617	894,617	894,617	894,617	894,617	894,617	894,617	894,617	894,617	894,617	894,617	894,617	894,617
6	Other Additions:														•
7	Leased Utility Plant	0													0
8	Unamortized Painting - net	0													0
9	Working Capital C/	3,409,884	3,409,884	3,409,884	3,409,884	3,409,884	3,409,884	3,409,884	3,409,884	3,409,884	3,409,884	3,409,884	3,409,884	3,409,884	3,409,884
10				20 12	30 ALCO		- 374 - 204 - 344		C-6-A-008-A0-9-2	A (4-3-6-4) (-5)		,000,000,000,000	550000000000000000000000000000000000000		
11	Total Additions	\$362,879,471	\$364,930,470	\$366,698,105	\$369,178,861	\$371,548,750	\$373,829,194	\$376,358,252	\$378,700,258	\$381,035,363	\$383,441,801	\$385,536,943	\$386,326,503	\$387,593,715	\$376,004,438
12															
13															
14	Deductions:														
15	Accumulated Depreciaton and Amortization (3)	\$92,898,032	\$93,455,013	\$93,615,553	\$94,010,716	\$94,049,136	\$94,158,056	\$94,438,996	\$94,796,303	\$95,188,412	\$95,553,392	\$95,980,974	\$94,698,575	\$95,188,823	\$94,463,999
16	Accumulated Deferred Income Taxes (4)	50,390,967	50,517,201	50,816,637	51,016,658	51,372,626	51,700,663	51,956,605	52,181,345	52,392,657	52,617,259	52,816,393	53,757,473	53,937,798	51,959,560
17	Unamortized Investment Credit - Pre 1971	583	325	67	0	0	0	0	0	0	0	0	0	0	75
18	Customer Deposits	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Other Deductions:														
20	Contributions in Aid of Construction (5)	17,870,292	17,863,487	17,856,692	17,849,907	17,843,132	17,836,367	17,829,612	17,822,868	17,816,134	17,809,410	17,802,696	17,795,992	17,789,298	17,829,684
21	Customer Advances for Construction (6)	4,185,427	4,214,594	4,243,760	4,272,927	4,302,094	4,331,260	4,360,427	4,389,594	4,418,760	4,447,927	4,477,094	4,506,260	4,535,427	4,360,427
22	All Other A/	(2,028,247)	(2,033,474)	(2,038,701)	(2,043,928)	(2,049,155)	(2,054,382)	(2,059,609)	(2,064,836)	(2,070,063)	(2,075,290)	(2,080,517)	(2,085,744)	(2,090,971)	(2,059,609)
23															
24															
25															
26	Total Deductions	\$163,317,054	\$164,017,146	\$164,494,008	\$165,106,280	\$165,517,833	\$165,971,964	\$166,526,031	\$167,125,274	\$167,745,900	\$168,352,698	\$168,996,640	\$168,672,556	\$169,360,375	\$166,554,135
27	Grand Control														
28	Rate Base	\$199,562,417	\$200,913,324	\$202,204,097	\$204,072,581	\$206,030,918	\$207,857,230	\$209,832,221	\$211,574,985	\$213,289,463	\$215,089,103	\$216,540,304	\$217,653,947	\$218,233,340	\$209,450,302

- (1) UPIS includes an estimate of plant additions placed in-serviced minus the retirements from the 2020 SCEP provided in the 2020 capital rider filing.
- (2) CWIP includes the capital expenditures projected in the SCEP provided in the 2020 capital rider filing.
- (3) Accumulated Depreciation includes an estimate depreciation expense by a monthly composite rate minus estimated retirements from UPIS & estimated net salvage expenditures from the 2020 capital rider filing.
- (4) Accumulated deferred taxes is estimated based on % of plant balance. This estimate does not include impacts from the pending tax docket 18-00039.
- (5) Contributions includes the receipts projected in the SCEP provided in the 2020 capital rider filing.
- (6) Advances includes the receipts and refunds projected in the SCEP provided in the 2020 capital rider filing.

Underlying Calculation Details

December 2019 Deferred Tax Balance		50,390,967
December 2019 UPIS Balance		354,113,607
Deferred Tax Rate Per Plant Dollar		14.23%
November 2019 UPIS Blance		343,971,154
December 2019 Depr & Amort Expense		821,131
Composite UPIS Depr Rate		0.24%
November 2019 CIAC Balance		(17,881,967)
December 2019 Depr & Amort Expense		(26,179)
Composite CIAC Depr Rate		0.15%
State Excise Tax	6.5%	0.065
Balance (1.0065)		0.935
Fed Inc. Tax (.935*.21)	21.0%	0.19635
Combined Tax Rate (.065 + .19635)		0.26135

Average Retirement Balance for 2020

Retirements By Year

								Docket No. 15-00029	Docket No. 16-00022	Docket No. 17-00020	Docket No. 17-00020	Docket No. 18-00022	Estimated
Line#	Business Un No.	t Project Title	Account	Account Description	Portion to Account	In-Service (Months)	Dep Rate	2014	2015	2016	2017	2018	2019
1		RECURRING PROJECTS											
2	TN DV	Projects Funded by Others	331001	Transmission & Distribution Mains		1	1.25%	\$0	\$0	\$0	\$0	\$0	\$0
3	TN DV		333000	Services		1	1.11%	0	0	0	0	0	0
4 5	TN DV		335000	Hydrants		1	2.30%	0	0	0	0	0	0
6	TN A	Mains - New	304400	Struct & Imp-Treatment-T&D		1	2.13%						0
7	TN A	Mains - New	331001	Transmission & Distribution Mains		1	1.25%	0	0	0	0	0	0
8	TN A		333000	Services		ı	1.11%	0	0	0	0	0	0
9	TN A		334300	Meter Vaults		1	2.73%			0	0	0	0
10	TN A		335000	Hydrants		1	2.30%	0	0	0	0	0	0
11 12	TN B	Mains - Replaced / Restored	331001	Transmission & Distribution Mains		1	1.25%	0	(53.400)	(40,035)	(154.405)	(42,410)	(102 576)
13	TN B	Mains - Replaced / Restored	333000	Services		1	1.25%	0	(53,489)	(40,836) 0	(164,485) (434)	(42,418) (1,406)	(102,576) (766)
14	TN B		335000	Hydrants		1	2.30%	0	0	(1,386)	(434)	(1,406)	(575)
15			333000	riyurants		1	2.30%	Ü	· ·	(1,380)	Ü	U	(373)
16	TN C	Mains - Unscheduled	331001	Transmission & Distribution Mains		1	1.25%	(3,996)	(69,785)	(46,845)	(298,336)	(983,631)	(425,376)
17	TN C		335000	Hydrants		1	2.30%			0	0	0	0
18		200000000000000000000000000000000000000											
19	TN D	Mains - Relocated	331001	Transmission & Distribution Mains		1	1.25%	0	(91,710)	(33,483)	(16,798)	(129,768)	(18,223)
20	TN D		333000	Services		1	1.11%	0	0	0	0	0	0
21 22	TN D		335000	Hydrants		1	2.30%	0	(64,148)	0	0	0	0
23	TN E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains		1	1.25%	0	0	0	0	0	0
24	TN E	riyaranta, varves, and mannores - new	335000	Hydrants		1	2.30%	0	(882)	0	0	0	0
25				,		-	2.50,0	•	(002)		•	•	
26	TN F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains		1	1.25%	0	(2,902)	(13,572)	(2,210)	(2,412)	(16,553)
27	TN F		335000	Hydrants		1	2.30%	0	0	(36,277)	(10,462)	(41,500)	(80,257)
28													
29	TN G	Services and Laterals - New	333000	Services		1	1.11%	0	0	0	0	0	0
30	120V FED	27-20-104-10-4-2-4-2	1-22-22-21	real record washing the laws -		540	0.000					10-2-2	220
31 32	TN H	Services and Laterals - Replaced	331001 333000	Transmission & Distribution Mains		1	1.25%	0	0	(25, 272)	(45.674)	(7,589)	0
33	TN H		334100	Services Meters		1	1.11% 7.47%	U	U	(26,973) (6,402)	(45,674) (2,223)	(38,716) (411)	(58,465) (4,744)
34	TN H		334200	Meter Installations		1	2.73%			(0,402)	(2,223)	(2,774)	(1,454)
35	TN H		334300	Meter Vaults		1	2.73%					0	. 0
36						100						10-12	8 350
37	TN I	Meters - New	334100	Meters		1	7.47%	0	0	0	0	0	0
38	TN I		334200	Meter Installations		1	2.73%	0	0	0	0	0	0
39													
40	TN J	Meters - Replaced	334100	Meters		1	7.47%	0	0	(263,089)	(1,307,780)	(177,017)	(1,508,863)
41 42	TN J		334200	Meter Installations		1	2.73%	(1,923)	0	(19,671)	(420,867)	(2,531)	(382,345)
43	TN K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment		1	2.19%	0	0	0	0	0	0
44		113 Equipment and Systems	340200	Computer & Peripheral Equipment		•	2.15%	U	•	· ·		U	
45	TN L	SCADA Equipment and Systems	320100	WT Equip Non-Media		1	1.09%	(12,365)	0	0	0	(6,003)	0
46	TN L	NORTH HONOLOGY & STATE ON PORTSON AND A PROPERTY OF A STATE OF A S	340200	Computer & Peripheral Equipment		1	2.19%	0	0	0	0	0	0
47	TN L		340300	Computer Software		1	1.83%						0
48	TN L		346100	Comm Equip Non-Telephone		1	4.21%	0	0	0	0	0	0
49	TN L		346190	Remote Control & Instrument		1	4.21%	0	(5,784)	(49,350)	(21,076)	(67,404)	(37,850)
50	100		200000			6	0/1				33		55
51	TN M	Security Equipment and Systems	304100	Struct & Imp-Supply		1	1.98%				0	0	0
52	TN M		304200	Struct & Imp-Pumping		1	1.98%	0	0	/E 670\	(10,202)	(7,476)	(9.038)
53 54	TN M		304300 304400	Struct & Imp-Treatment Struct & Imp-Treatment-T&D		1	4.11% 2.13%	U	U	(5,678) 0	0	(19,389) 0	(8,038)
55	TN M		304500	Structures & Improvement - General		1	1.13%	0	0	0	0	0	0
56	TN M		340200	Computer & Peripheral Equipment		1	2.19%		-	J	0	0	0
57	TN M		347000	Misc Equipment		1	6.33%				2	-	0
58				and a state of the									

Average Retirement Balance for 2020

Retirements By Year

									Docket No. 15-00029	Docket No. 16-00022	Docket No. 17-00020	Docket No. 17-00020	Docket No. 18-00022	Estimated
Line#		Business Unit No.	Project Title	Account	Account Description	Portion to Account	In-Service (Months)	Dep Rate	2014	2015	2016	2017	2018	2019
59 60	TN	N	Offices and Operations Centers	304500	Struct & Imp-Treatment		1	1.13%	0	0	0	0	0	0
61	TN	0	Vehicles	341100	Transportation Equip Lt Duty Trucks		1	16.00%	0	0	0	0	0	0
62	TN	O		341200	Transportation Equip Hvy Duty Trucks		1	16.62%	0	0	0	0	0	o
63	TN	0		341300	Transportation Equip Autos		1	11.38%	0	0	0	0	0	0
64														
65 66	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment		1	6.89%	0	0	0	0	0	0
67	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply		1	1.98%	0	0	0	0	0	0
68	TN	Q		304200	Struct & Imp-Pumping		1	1.98%	0	(6,236)	(16,285)	0	(62,109)	(25,922)
69	TN	Q		304300	Struct & Imp-Treatment		1	4.11%	(4,987)	(535)	0	(10,418)	(109,309)	(39,590)
70	TN	Q		304400	Struct & Imp-Treatment-T&D		1	2.13%	0	0	0	0	0	0
71	TN	Q		304500	Structures & Improvement - General		1	1.13%	0	0	0	0	0	0
72	TN	Q		304600	Struct & Imp-Offices		1	1.13%				0	0	0
73	TN	Q		304700	Struct & Imp-Store, Shop, Garage		1	0.73%	0	(5,388)	(2,481)	0	0	0
74	TN	Q		306000	Lake, River & Other Intakes		1	0.83%			0	0	(49,616)	(16,406)
75	TN	Q		309000	Supply Mains		1	1.87%	0	0	0	0	0	0
76	TN	Q		310000	Power Generation Equip		1	12.33%	0	0	0	0	0	0
77	TN	Q		311200	Pump Eqp Electric		1	2.45%	(5,857)	(8,655)	(41,077)	(76,270)	(27,717)	(47,962)
78	TN	Q		311520	Pumping Equipment SOS		1	1.83%	(33,609)	0	(25,545)	(7,184)	(2,120)	(11,517)
79	TN	Q		320100	WT Equip Non-Media		1	1.09%	(13,091)	(118,739)	(198,938)	(150,541)	(180,373)	(175,205)
80	TN	Q		320200	Water Trmt Equip Filter Media		1	33.69%	0	(284,994)	(71,068)	0	(69,210)	(46,382)
81	TN	Q		330000	Dist Reservoirs & Standpipes		1	2.08%	0	(0)	0	0	0	0
82	TN	Q		331001	Transmission & Distribution Mains		1	1.25%	0	0	0	(1,011)	0	0
83	TN	Q		334100	Meters		1	7.47%	0	0	0	0	0	0
84	TN	Q		340200	Computer & Peripheral Equipment		1	2.19%	0	(0)	0	0	0	0
85	TN	Q		340300	Computer Software		1	1.83%				0	0	0
86	TN	Q		340330	Computer Software Other		1	1.83%				0	0	0
87	TN	Q		343000	Tools, Shop, Garage Equipment		1	6.89%	0	0	(2,705)	0	0	(894)
88	TN	Q		344000	Laboratory Equipment		1	1.01%	(147,279)	(407)	(1,986)	(161)	(480)	(869)
89	TN	Q		345000	Power Operated Equipment		1	7.03%	0	0	(11,283)	0	0	0
90	TN	Q		346190	Remote Control & Instrument		1	4.21%	0	0	(3,100)	0	0	(1,025)
91 92	TN	Q		347000	Misc Equipment		1	6.33%	0	0	(1,887)	(1,879)	0	(1,245)
93	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment		1	4.11%	0	(94,900)	0	0	.0	0
94	TN	R		304301	Struct & Imp-Treatment-Dpr Paint		1	12.06%			(170,157)	0	0	0
95	TN	R		320100	WT Equip Non-Media		1	1.09%	0	0	(123,785)	0	0	0
96	TN	R		320200	Water Trmt Equip Filter Media		1	33.69%			(36,378)	0	0	0
97	TN	R		330000	Dist Reservoirs & Standpipes		1	2.08%	0	0	0	0	0	0
98	TN	R		330003	Tank Repainting		1	11.08%	0	0	(109,594)	0	0	(91,553)
99	TN	R		330100	Elevated Tanks & Standpipes		1	2.74%			0	0	0	0
100	TN	R		330200	Ground Level Tanks		1	2.74%	(446)	0	0	0	0	0
101														
102	TN	S	Engineering Studies	331001	Transmission & Distribution Mains		1 .	1.25%	0	0	0	0	0	0
103			Total Recurring Projects											
104														
105			ACQUISITIONS											
106														
107			Total Acquisitions											
108														
109			CENTRALLY SPONSORED PROJECTS											
110	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		1	10.00%	0	0	0	0		
111	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		1	10.00%	0	0	0	0		
112			Total Centrally Sponsored Projects											
113														
114			INVESTMENT PROJECTS											
115	TN	126-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment		6/1/2016	4.11%			0	0	0	

Average Retirement Balance for 2020

Retirements By Year

	•								Docket No. 15-00029	Docket No. 16-00022	Docket No. 17-00020	Docket No. 17-00020	Docket No. 18-00022	Estimated
Line #		Business Unit No.	Project Title	Account	Account Description	Portion to Account	In-Service (Months)	Dep Rate	2014	2015	2016	2017	2018	2019
116	TN	126-020028		320100	WT Equip Non-Media		6/1/2016	1.09%	0	0	0	(47,846)	0	
117	TN	126-020028		346190	Remote Control & Instrument		6/1/2016	4.21%				0	0	
118	TN	126-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping		11/1/2015	1.98%			(14,622)	0	0	
119	TN	126-020032		304300	Struct & Imp-Treatment		11/1/2015	4.11%			(54,346)	0	0	
120	TN	126-020032		304400	Struct & Imp-T&D		11/1/2015	2.13%	0	0	0	0	0	
121	TN	126-020032		304500	Structures & Improvement - General		11/1/2015	1.13%	0	0	0	0	. 0	
122	TN	126-020032		320100	WT Equip Non-Media		11/1/2015	1.09%	0	(305)	0	0	0	
123	TN	126-020032		330200	Ground Level Tanks		11/1/2015	2.74%	0	0	0	0	0	
124	TN	126-020032		347000	Misc Equipment		11/1/2015	6.33%	0	0	0	0	0	
125	TN	126-020034	Tennessee River Crossing	331001	Transmission & Distribution Mains		7/31/2019	1.25%						
126	TN	126-020039	Repl Basin 1 & Plate Settlers	320100	WT Equip Non-Media		10/31/2020	1.09%						
127	TN	126-020040	Chlorine Gas Conversion	320100	WT Equip Non-Media		11/4/2019	1.09%						(155,763)
128	TN	126-020044	New Raw Water Intake Citico				3/15/2024							
129	TN	126-020045	Remove Filter Bldg 3	304300	Struct & Imp-Treatment		12/31/2019	4.11%						(2,607)
130	TN	126-020056	Retire Basin 2	320100	WT Equip Non-Media		4/30/2020	1.09%						
131	TN	126-0200XX	Filter House #2 Rehab	304300	Struct & Imp-Treatment		5/30/2020	4.11%						
132	TN	126-0200XX	River Gorge Dr Transmission Mains	331001	Transmission & Distribution Mains		4/1/2020	1.25%						
133	TN	126-0200XX	River Gorge Booster Station	311200	Pump Eqp Electric		2/1/2020	2.45%						
134	TN	126-0200XX	Replace North Traveling Screen	306000	Lake, River & Other Intakes		4/1/2020	0.83%						
135	TN	126-050001	Raw Water Intake Improvements Whitwell				12/1/2024							
136	TN	126-050002	Facility Upgrades at Whitwell WTP	304200	Struct & Imp-Pumping		12/29/2017	1.98%					(76,471)	
137	TN	126-050002		304300	Struct & Imp-Treatment		12/29/2017	4.11%					(733)	
138	TN	126-050002		304400	Struct & Imp-Treatment-T&D		12/29/2017	2.13%					0	
139	TN	126-050002		320100	WT Equip Non-Media		12/29/2017	1.09%				0	0	
140	TN	126-050002		346190	Remote Control & Instrument		12/29/2017	4.21%				0	(6,125)	
141	TN	126-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)				9/15/2022							
142	TN	126-050004	Replace 0.1 MG Storage Tank at Whitwell	304400	Struct & Imp-Treatment-T&D		12/31/2017	2.13%					0	
143	TN	126-050004		330200	Ground Level Tanks		12/31/2017	2.74%					0	(3,369)
144	TN	126-050004		346190	Remote Control & Instrument		12/31/2017	4.21%					0	
145	TN	126-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains		12/31/2014	1.25%						
146	TN	126-000001		320200	Water Trmt Equip Filter Media		12/31/2014	33.69%						
147	TN	126-000001		311520	Pumping Equipment SOS		12/31/2014	1.83%						
148	TN	126-000001		340200	Computer & Peripheral Equipment		12/31/2014	2.19%						
149														
											11442112000000000000000	100000000000000000000000000000000000000	**************************************	0.287403/01/03/07/20
150									(\$223,553)	(\$808,858)	(\$1,428,801)	(\$2,595,856)	(\$2,114,706)	(\$3,266,396)
151														
152			Total DV Excluded:						/¢222.552\	Icene erel	(61 439 901)	/63 FOE 956\	(62 114 706)	(\$2.256.206)
			Total DV Excluded:						(\$223,553)	(\$808,858)	(\$1,428,801)	(\$2,595,856)	(\$2,114,706)	(\$3,266,396)
153			T-4-15						(4000 550)	Mana arai	(44 400 004)	(An eas ass)	(40.444.705)	(40.000.000)
154			Total Surcharge Amt:						(\$223,553)	(\$808,858)	(\$1,428,801)	(\$2,595,856)	(\$2,114,706)	(\$3,266,396)
155														
156			SEC Total:						(\$217,187)	(\$431,043)	(\$500,353)	(\$278,743)	(\$684,535)	(\$572,038)
157														
158			EDI Total:						\$0	(\$882)	\$0	\$0	\$0	\$0
159										20				
160			QIIP Total:						(\$6,366)	(\$376,934)	(\$928,449)	(\$2,317,113)	(\$1,430,171)	(\$2,694,358)
														W

⁽¹⁾ Amounts not reflected in actuals through 2018 or projections based on project costs through 2020

Average Retirement Balance for 2020

									Estimated		,
		Business Unit	D			Portion to	In-Service	_			
Line#		No.	Project Title	Account	Account Description	Account	(Months)	Dep Rate	2020	Surcharge	Average Retirements
1			RECURRING PROJECTS								
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains		1	1.25%	\$0		. \$0
3	TN	DV		333000	Services		1	1.11%	0		0
4	TN	DV		335000	Hydrants		1	2.30%	0		0
5 6	TNI		Maine News	304400	54 R I T			2.120/	0	FDI	
7	TN	A	Mains - New	331001	Struct & Imp-Treatment-T&D Transmission & Distribution Mains		1	2.13% 1.25%	0	EDI EDI	0
8	TN	A		333000	Services		1	1.11%	0	EDI	0
9	TN	Ä		334300	Meter Vaults		1	2.73%	0	EDI	0
10	TN	Ä		335000	Hydrants		î	2.30%	0	EDI	0
11				333000	riyarants			2.50%		LDI	Ū
12	TN	В	Mains - Replaced / Restored	331001	Transmission & Distribution Mains		1	1.25%	(164,135)	QIIP	(485,871)
13	TN	В	manus nopulator, mestorial	333000	Services		1	1.11%	(1,226)	QIIP	(3,219)
14	TN	В		335000	Hydrants		1	2.30%	(921)	QIIP	(2,422)
15					,		-	200.000	(/		(-,,
16	TN	С	Mains - Unscheduled	331001	Transmission & Distribution Mains		1	1.25%	(412,046)	QIIP	(2,033,992)
17	TN	С		335000	Hydrants		1	2.30%	0	QIIP	0
18					138						
19	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains		1	1.25%	(18,223)	QIIP	(299,093)
20	TN	D		333000	Services		1	1.11%	0	QIIP	0
21	TN	D		335000	Hydrants		1	2.30%	0	QIIP	(64,148)
22											
23	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains		1	1.25%	0	EDI	0
24	TN	E		335000	Hydrants		1	2.30%	0	EDI	(882)
25											
26	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains		1	1.25%	(19,107)	QIIP	(47,202)
27	TN	F		335000	Hydrants		1	2.30%	(92,638)	QIIP	(214,814)
28									70 SP		59270
29	TN	G	Services and Laterals - New	333000	Services		1	1.11%	0		0
30			services and the service of the serv	19-020-020-021			46	No contractor	2000	Chargoster	
31	TN	н	Services and Laterals - Replaced	331001	Transmission & Distribution Mains		1	1.25%	0	QIIP	(7,589)
32	TN	н		333000	Services		1	1.11%	(62,793)	QIIP	(201,225)
33	TN	н		334100	Meters		1	7.47%	(5,095)	QIIP	(16,328)
34	TN	Н		334200	Meter Installations		1	2.73%	(1,562)	QIIP	(5,009)
35	TN	Н		334300	Meter Vaults		1	2.73%	0	QIIP	0
36			- 400-000-000-000-000-000-000-000-000-00					7 470/	•		
37	TN	!	Meters - New	334100	Meters		1	7.47% 2.73%	0		0
38	TN			334200	Meter Installations		1	2./3%	U		U
39 40	TN	ı	Meters - Replaced	334100	Meters		1	7.47%	(543,961)	QIIP	(3,528,729)
41	TN	í	Weters - Replaced	334200	Meter Installations		1	2.73%	(137,839)	QIIP	(896,256)
42		,		334200	Weter installations		-	2.7570	(137,033)	4,	(050,250)
43	TN	к	ITS Equipment and Systems	340200	Computer & Peripheral Equipment		1	2.19%	0		0
44			The Equipment and Systems	5 102.00			-				
45	TN	τ	SCADA Equipment and Systems	320100	WT Equip Non-Media		1	1.09%	0	SEC	(18,368)
46	TN	ĩ	33.13.1240,2.113.113.113.113.113.113.113.113.113.11	340200	Computer & Peripheral Equipment		1	2.19%	0	SEC	0
47	TN	ī		340300	Computer Software		1	1.83%	0	SEC	0
48	TN	ĩ		346100	Comm Equip Non-Telephone		1	4.21%	0	SEC	0
49	TN	L.		346190	Remote Control & Instrument		1	4.21%	(45,313)	SEC	(204,120)
50									100 CHE D 100 D		
51	TN	M	Security Equipment and Systems	304100	Struct & Imp-Supply		1	1.98%	0	SEC	0
52	TN	м		304200	Struct & Imp-Pumping		1	1.98%	0	SEC	(17,678)
53	TN	М		304300	Struct & Imp-Treatment		1	4.11%	(9,217)	SEC	(37,713)
54	TN	M		304400	Struct & Imp-Treatment-T&D		1	2.13%	0	SEC	0
55	TN	M		304500	Structures & Improvement - General		1	1.13%	0	SEC	0
56	TN	M		340200	Computer & Peripheral Equipment		1	2.19%	0	SEC	0
57	TN	M		347000	Misc Equipment		1	6.33%	0	SEC	0

Average Retirement Balance for 2020

									Estimated		
1986 (1981)		Business Unit No.	Project Title	Account	Account Description	Portion to Account	In-Service (Months)	Dep Rate	2020		Average
Line #	TN	N	Offices and Operations Centers	304500	Struct & Imp-Treatment		1	1.13%	0	Surcharge	Retirements 0
60		2.00	Offices and Operations centers	304300	Stract a mp-freatment		•	1.13%	Ü		
61	TN	О	Vehicles	341100	Transportation Equip Lt Duty Trucks		1	16.00%	0		0
62	TN	0		341200	Transportation Equip Hvy Duty Trucks		1	16.62%	0		0
63 64	TN	0		341300	Transportation Equip Autos		1	11.38%	0		0
65	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment		1	6.89%	0		0
66 67	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply		1	1.98%	0	SEC	0
68	TN	Q		304200	Struct & Imp-Pumping		1	1.98%	(22,912)	SEC	(122,008)
69	TN	Q		304300	Struct & Imp-Treatment		1	4.11%	(34,992)	SEC	(182,336)
70	TN	Q		304400	Struct & Imp-Treatment-T&D		1	2.13%	0	SEC	0
71	TN	Q		304500	Structures & Improvement - General		1	1.13%	0	SEC	0
72	TN	Q		304600	Struct & Imp-Offices		1	1.13%	0	SEC	0
73	TN	Q		304700	Struct & Imp-Store, Shop, Garage		1	0.73%	0	SEC	(7,869)
74	TN	Q		306000	Lake, River & Other Intakes		1	0.83%	(14,500)	SEC	(73,272)
75	TN	Q		309000	Supply Mains		1	1.87%	0	SEC	0
76	TN	Q		310000	Power Generation Equip		1	12.33%	0	SEC	0
77	TN	Q		311200	Pump Eqp Electric		1	2.45%	(42,392)	SEC	(228,733)
78	TN	Q		311520	Pumping Equipment SOS		1	1.83%	(10,179)	SEC	(85,066)
79	TN	q		320100	WT Equip Non-Media		1	1.09%	(154,855)	SEC	(914,315)
80	TN	q		320200	Water Trmt Equip Filter Media		1	33.69%	(40,995)	SEC	(492,152)
81	TN	Q		330000	Dist Reservoirs & Standpipes		1	2.08%	0	SEC	0
82	TN	Q		331001	Transmission & Distribution Mains		1	1.25%	0	SEC	(1,011)
83	TN	Q		334100	Meters		1	7.47%	0	SEC	(1,011,
84	TN	q		340200	Computer & Peripheral Equipment		1	2.19%	0	SEC	0
85	TN	Q		340300	Computer Software		1	1.83%	0	SEC	0
86	TN	q		340330	Computer Software Other		1	1.83%	0	SEC	0
87	TN	q		343000	Tools, Shop, Garage Equipment		1	6.89%	(790)	SEC	(3,994)
88	TN	q		344000	Laboratory Equipment		1	1.01%	(768)	SEC	(151,566)
89	TN	Q		345000	Power Operated Equipment		1	7.03%	(768)	SEC	(11,283)
90	TN	Q		346190	Remote Control & Instrument		1	4.21%	(906)	SEC	(4,578)
91	TN	q		347000	Misc Equipment		1	6.33%	(1,101)	SEC	(5,561)
92	114	ч		347000	wisc Equipment		•	0.3376	(1,101)	320	(3,361)
93	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment		1	4.11%	0	QIIP	(94,900)
94	TN	R		304301	Struct & Imp-Treatment-Dpr Paint		1	12.06%	0	QIIP	(170,157)
95	TN	R		320100	WT Equip Non-Media		1	1.09%	0	QIIP	(123,785)
96	TN	R		320200	Water Trmt Equip Filter Media		1	33.69%	0	QIIP	(36,378)
97	TN	R		330000	Dist Reservoirs & Standpipes		1	2.08%	0	QIIP	0
98	TN	R		330003	Tank Repainting		1	11.08%	(215,489)	QIIP	(308,891)
99	TN	R		330100	Elevated Tanks & Standpipes		1	2.74%	0	QIIP	0
100 101	TN	R		330200	Ground Level Tanks		1	2.74%	0	QIIP	(446)
102	TN	s	Engineering Studies	331001	Transmission & Distribution Mains		1	1.25%	0		0
103	2.2.0	~	Total Recurring Projects	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			0770		1170		
104											
105			ACQUISITIONS								
106											
107			Total Acquisitions								
108											
109			CENTRALLY SPONSORED PROJECTS								Mex
110	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		1	10.00%			0
111	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		1	10.00%			0
112 113			Total Centrally Sponsored Projects								
114			INVESTMENT PROJECTS								
115	TN	126-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment		6/1/2016	4.11%		QIIP	0

Average Retirement Balance for 2020

										Estimated		
		Business Unit	Project Title	Account	Account Description	Portion to	In-Service	Dep Rate		2020		
Line #		No.	Project fine	Account	Account Description	Account	(Months)	Dep Rate		2020	Surcharge	Average Retirements
116	TN	126-020028		320100	WT Equip Non-Media		6/1/2016	1.09%			QIIP	(47,846)
117	TN	126-020028		346190	Remote Control & Instrument		6/1/2016	4.21%			QIIP	0
118	TN	126-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping		11/1/2015	1.98%			SEC	(14,622)
119	TN	126-020032		304300	Struct & Imp-Treatment		11/1/2015	4.11%			SEC	(54,346)
120	TN	126-020032		304400	Struct & Imp-T&D		11/1/2015	2.13%			SEC	0
121	TN	126-020032		304500	Structures & Improvement - General		11/1/2015	1.13%			SEC	0
122	TN	126-020032		320100	WT Equip Non-Media		11/1/2015	1.09%			SEC	(305)
123	TN	126-020032		330200	Ground Level Tanks		11/1/2015	2.74%			SEC	0
124	TN	126-020032		347000	Misc Equipment		11/1/2015	6.33%			SEC	0
125	TN	126-020034	Tennessee River Crossing	331001	Transmission & Distribution Mains		7/31/2019	1.25%			QIIP	0
126	TN	126-020039	Repl Basin 1 & Plate Settlers	320100	WT Equip Non-Media		10/31/2020	1.09%		(2,316,273) (1)	QIIP	(1,158,137)
127	TN	126-020040	Chlorine Gas Conversion	320100	WT Equip Non-Media		11/4/2019	1.09%	(1)		SEC	(155,763)
128	TN	126-020044	New Raw Water Intake Citico				3/15/2024				SEC	0
129	TN	126-020045	Remove Filter Bldg 3	304300	Struct & Imp-Treatment		12/31/2019	4.11%	(1)		QIIP	(2,607)
130	TN	126-020056	Retire Basin 2	320100	WT Equip Non-Media		4/30/2020	1.09%		(8,179) (1)	QIIP	(4,089)
131	TN	126-0200XX	Filter House #2 Rehab	304300	Struct & Imp-Treatment		5/30/2020	4.11%			QIIP	0
132	TN	126-0200XX	River Gorge Dr Transmission Mains	331001	Transmission & Distribution Mains		4/1/2020	1.25%			EDI	
133	TN	126-0200XX	River Gorge Booster Station	311200	Pump Eqp Electric		2/1/2020	2.45%			EDI	
134	TN	126-0200XX	Replace North Traveling Screen	306000	Lake, River & Other Intakes		4/1/2020	0.83%			SEC	
135	TN	126-050001	Raw Water Intake Improvements Whitwell				12/1/2024				QIIP	0
136	TN	126-050002	Facility Upgrades at Whitwell WTP	304200	Struct & Imp-Pumping		12/29/2017	1.98%			SEC	(76,471)
137	TN	126-050002		304300	Struct & Imp-Treatment		12/29/2017	4.11%			SEC	(733)
138	TN	126-050002		304400	Struct & Imp-Treatment-T&D		12/29/2017	2.13%			SEC	0
139	TN	126-050002		320100	WT Equip Non-Media		12/29/2017	1.09%			SEC	0
140	TN	126-050002		346190	Remote Control & Instrument		12/29/2017	4.21%			SEC	(6,125)
141	TN	126-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)				9/15/2022				QIIP	0
142	TN	126-050004	Replace 0.1 MG Storage Tank at Whitwell	304400	Struct & Imp-Treatment-T&D		12/31/2017	2.13%			SEC	0
143	TN	126-050004		330200	Ground Level Tanks		12/31/2017	2.74%	(1)		SEC	(3,369)
144	TN	126-050004		346190	Remote Control & Instrument		12/31/2017	4.21%			SEC	0
145	TN	126-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains		12/31/2014	1.25%			QIIP	0
146	TN	126-000001		320200	Water Trmt Equip Filter Media		12/31/2014	33.69%			QIIP	0
147	TN	126-000001		311520	Pumping Equipment SOS		12/31/2014	1.83%			QIIP	0
148	TN	126-000001		340200	Computer & Peripheral Equipment		12/31/2014	2.19%			QIIP	0
149												
									-		Total DV	
150										(\$4,378,407)	Included:	(\$12,627,372)
151												
152			Total DV Excluded:							(\$4,378,407)		(\$12,627,372)
153										7000		
154			Total Surcharge Amt:							(\$4,378,407)		(\$12,627,372)
155			14-2									
156			SEC Total:						5.5	(\$378,920)		(\$2,873,357)
157			See Forai.							(40.0,000)		(4-4-1-4-21)
158			EDI Total:						12	\$0		(\$882)
			EDI TOTAL									(2002)
159 160			QIIP Total:							(\$3,999,487)		(\$9,753,133)
100			QIIP I otal:							(33,333,407)		(\$3,733,133)

⁽¹⁾ Amounts not reflected in actuals through 2018 or projections based on project costs through 2020

Cost of Removal less Salvage Balance for 2020

Cost of Removal less Salvage By Year

								Docket No. 15-00029	Docket No. 16-00022	Docket No. 17-00020	Docket No. 17-00020	Docket No. 18-00022	Estimated
Line #	Business U No.	nit Project Title	Account	Account Description	Portion to Account	In-Service (Months)	Dep Rate	2014	2015	2016	2017	2018	2019
1		RECURRING PROJECTS								Name of the Control o			
2	TN DV	Projects Funded by Others	331001	Transmission & Distribution Mains		1	1.25%	\$0	\$0	\$0	\$0	\$0	\$0
3	TN DV		333000	Services		1	1.11%	0	0	0	0	0	0
4	TN DV		335000	Hydrants		1	2.30%	0	0	0	0	0	0
6	TN A	Mains - New	304400	Struct & Imp-Treatment-T&D		1	2.13%						0
7	TN A	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	331001	Transmission & Distribution Mains		1	1.25%	0	0	0	0	0	0
8	TN A		333000	Services		1	1.11%	0	0	0	0	0	0
9	TN A		334300	Meter Vaults		1	2.73%			0	0	0	0
10	TN A		335000	Hydrants		1	2.30%	0	0	0	0	0	0
11	TN B	Maine Paulaced / Postared	221001	Transmission & Distribution Mains		1	1.25%	4.130	3,656	24 549	36,932	66,996	E2 10¢
12 13	TN B	Mains - Replaced / Restored	331001 333000	Transmission & Distribution Mains		1	1.25%	4,129 5,360	37,000	24,548 1,405	7,336	2,753	53,196 4,789
14	TN B		335000	Services Hydrants		1	2.30%	3,300	37,000	626	0	2,755	260
15	IN B		333000	Hydrants		1	2.30%	•	0	020	· ·	U	200
16	TN C	Mains - Unscheduled	331001	Transmission & Distribution Mains		1	1.25%	13,826	196,484	209,470	230,931	141,585	186,315
17	TN C		335000	Hydrants		1	2.30%			0	0	0	0
18													
19	TN D	Mains - Relocated	331001	Transmission & Distribution Mains		1	1.25%	6,061	65,340	47,151	7,326	0	5,514
20	TN D		333000	Services		1	1.11%	4,302	44,659	0	808	1,065	0
21	TN D		335000	Hydrants		1	2.30%	0	0	0	0	0	0
22	ROPPATT ADD -		500.000000			7947	10/10/202	200	100		120	0.49	100
23	TN E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains		1	1.25%	0	0	0	0	0	0
24	TN E		335000	Hydrants		1	2.30%	0	933	0	0	0	0
25 26	TN F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains		1	1.25%	0	39,220	2,079	4,530	1,454	7,336
27	TN F	nydrants, valves, and ivialinoles - Replaced	335000	Hydrants		1	2.30%	0	0	576	22,550	26,603	45,233
28			333000	Tiyurants			2.30%		•	3,0	22,550	20,003	45,255
29	TN G	Services and Laterals - New	333000	Services		1	1.11%	0	0	0	0	0	0
30 31	TN H	Services and Laterals - Replaced	331001	Transmission & Distribution Mains		1	1.25%					1,340	0
32	TN H	Services and Caterais - Replaced	333000	Services		1	1.11%	0	196,727	126,891	143,635	33,217	79,308
33	TN H		334100	Meters		1	7.47%	₩ 7 //	,	9,644	2,516	99	0
34	TN H		334200	Meter Installations		1	2.73%			-,	-,	877	0
35	TN H		334300	Meter Vaults		1	2.73%					1,496	0
36													
37	TN I	Meters - New	334100	Meters		1	7.47%	0	0	0	0	0	0
38	TN I		334200	Meter Installations		1	2.73%	0	0	0	0	0	0
39 40	TN J	Matera Barland	334100	Meters		1	7.47%	0	0	95,862	84,107	818	156,016
41	TN J	Meters - Replaced	334200	Meter Installations		1	2.73%	24,561	356,918	141,024	133,128	333,427	524,310
42			334200	Wieter Wistandions		•	2.7370	24,301	330,310	111,021	133,110	333,127	52 1,510
43	TN K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment		1	2.19%	0	0	0	0	0	0
44													
45	TN L	SCADA Equipment and Systems	320100	WT Equip Non-Media		1	1.09%	5,933	0	0	0	4,520	0
46	TN L		340200	Computer & Peripheral Equipment		1	2.19%	0	0	0	2,449	0	0
47	TN L		340300	Computer Software		1	1.83%				1960	er	0
48	TN L		346100	Comm Equip Non-Telephone		1	4.21%	0	0	0	0	0	0
49	TN L		346190	Remote Control & Instrument		1	4.21%	0	521	2,277	43,236	20,796	18,210
50		(A)	204400			1	1.000/				0	0	0
51	TN M	Security Equipment and Systems	304100	Struct & Imp-Supply		1	1.98% 1.98%				0	4,187	0
52	TN M		304200 304300	Struct & Imp-Pumping Struct & Imp-Treatment		1	4.11%	0	0	1,932	8,221	5,042	4,873
53 54	TN M		304300	Struct & Imp-Treatment Struct & Imp-Treatment-T&D		1	2.13%	U	U	1,532	0	0	0
55	TN M		304500	Structures & Improvement - General		1	1.13%	0	0	. 0	0	0	0
56	TN M		340200	Computer & Peripheral Equipment		1	2.19%	Ü	•		0	0	0
57	TN M		347000	Misc Equipment		1	6.33%				150	5	0
58													

Cost of Removal less Salvage Balance for 2020

Cost of Removal less Salvage By Year

									Docket No. 15-00029	Docket No. 16-00022	Docket No. 17-00020	Docket No. 17-00020	Docket No. 18-00022	Estimated
Line#		Business Unit No.	Project Title	Account	Account Description	Portion to Account	In-Service (Months)	Dep Rate	2014	2015	2016	2017	2018	2019
59	TN	N	Offices and Operations Centers	304500	Struct & Imp-Treatment	***************************************	1	1.13%	0	0	0	0	0	0
60 61	TN	0	Vehicles	341100	Transportation Equip Lt Duty Trucks		1	16.00%	0	0	Ö	0	0	0
62	TN	0		341200	Transportation Equip Hvy Duty Trucks		1	16.62%	o	0	0	0	0	0
63	TN	0		341300	Transportation Equip Autos		1	11.38%	0	0	0	0	0	o
64				OTHERDE			-		-		-			•
65 66	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment		1	6.89%	0	0	0	0	0	0
67	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply		1	1.98%	117	0	757	0	0	0
68	TN	Q		304200	Struct & Imp-Pumping		1	1.98%	0	10,444	37	21,763	(0)	7,209
69	TN	Q		304300	Struct & Imp-Treatment		1	4.11%	200	12	1,911	0	52,964	18,144
70	TN	Q		304400	Struct & Imp-Treatment-T&D		1	2.13%	0	0	0	0	0	0
71	TN	Q		304500	Structures & Improvement - General		1	1.13%	0	277	0	0	0	0
72	TN	Q		304600	Struct & Imp-Offices		1	1.13%				0	0	0
73	TN	Q		304700	Struct & Imp-Store, Shop, Garage		1	0.73%	0	1	0	0	0	0
74	TN	Q		306000	Lake, River & Other Intakes		1	0.83%			313	0	8,054	2,766
75	TN	Q		309000	Supply Mains		1	1.87%	0	0	0	0	0	0
76	TN	Q		310000	Power Generation Equip		1	12.33%	115	0	0	0	0	0
77	TN	Q		311200	Pump Eqp Electric		1	2.45%	614	134	5,358	33,224	8,799	15,664
78	TN	Q		311520	Pumping Equipment SOS		1	1.83%	772	1,108	7,789	23,257	9,685	13,461
79	TN	Q		320100	WT Equip Non-Media		1	1.09%	786	56,431	231,140	20,367	246,101	164,535
80	TN	Q		320200	Water Trmt Equip Filter Media		1	33.69%	0	387,744	0	112	49,029	16,248
81	TN	Q		330000	Dist Reservoirs & Standpipes		1	2.08%	0	0	0	0	0	0
82	TN	Q		331001	Transmission & Distribution Mains		1	1.25%	0	0	0	0	237	0
83	TN	Q		334100	Meters		1	7.47%	0	0	0	0	0	0
84	TN	Q		340200	Computer & Peripheral Equipment		1	2.19%	0	105	0	0	0	0
85	TN	Q		340300	Computer Software		1	1.83%				0	0	0
86	TN	Q		340330	Computer Software Other		1	1.83%				0	0	0
87	TN	Q		343000	Tools, Shop, Garage Equipment		1	6.89%	0	0	0	. 0	0	0
88	TN	Q		344000	Laboratory Equipment		1	1.01%	12	0	1,021	185	56	417
89	TN	Q		345000	Power Operated Equipment		1	7.03%	0	0	1,676	0	0	0
90	TN	Q		346190	Remote Control & Instrument		1	4.21%	0	0	0	0	0	0
91 92	TN	Q		347000	Misc Equipment		1	6.33%	0	2,546	0	613	0	203
93	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment		1	4.11%	0	0	0	0	0	0
94	TN	R		304301	Struct & Imp-Treatment-Dpr Paint		1	12.06%			661,770	0	0	0
95	TN	R		320100	WT Equip Non-Media		1	1.09%	0	0	89,500	0	0	0
96	TN	R		320200	Water Trmt Equip Filter Media		1	33.69%			206,460	0	0	0
97	TN	R		330000	Dist Reservoirs & Standpipes		1	2.08%	0	0	0	0	0	0
98	TN	R		330003	Tank Repainting		1	11.08%	0	0	205,907	0	0	172,009
99	TN	R		330100	Elevated Tanks & Standpipes		1	2.74%			0	0	0	0
100 101	TN	R		330200	Ground Level Tanks		1	2.74%	977	0	0	. 0	0	0
102 103	TN	S	Engineering Studies Total Recurring Projects	331001	Transmission & Distribution Mains		1	1.25%	0	0	0	0	0	0
104 105 106			ACQUISITIONS											
107 108			Total Acquisitions											
109			CENTRALLY SPONSORED PROJECTS											
110	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		1	10.00%	0	0	0	0	0	
111	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		1	10.00%	0	0	o	o	0	
112 113	0.000	120 0203	Total Centrally Sponsored Projects	340313	computer sortware special pepree tale			10.00%	a a	v	,		v	
114			INVESTMENT PROJECTS											
115	TN	126-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment		6/1/2016	4.11%			0	0	0	

Cost of Removal less Salvage Balance for 2020

Cost of Removal less Salvage By Year

									Docket No. 15-00029	Docket No. 16-00022	Docket No. 17-00020	Docket No. 17-00020	Docket No. 18-00022	Estimated
Line#		Business Unit No.	Project Title	Account	Account Description	Portion to Account	In-Service (Months)	Dep Rate	2014	2015	2016	2017	2018	2019
116	TN	126-020028		320100	WT Equip Non-Media		6/1/2016	1.09%	0	0	0	850,267	0	
117	TN	126-020028		346190	Remote Control & Instrument		6/1/2016	4.21%				0	0	
118	TN	126-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping		11/1/2015	1.98%			0	243,354	0	
119	TN	126-020032		304300	Struct & Imp-Treatment		11/1/2015	4.11%			0	1,535,662	0	
120	TN	126-020032		304400	Struct & Imp-T&D		11/1/2015	2.13%	0	0	0	0	0	
121	TN	126-020032		304500	Structures & Improvement - General		11/1/2015	1.13%	0	0	0	0	0	
122	TN	126-020032		320100	WT Equip Non-Media		11/1/2015	1.09%	0	0	0	577	0	
123	TN	126-020032		330200	Ground Level Tanks		11/1/2015	2.74%	0	0	0	0	0	
124	TN	126-020032		347000	Misc Equipment		11/1/2015	6.33%	0	0	0	0	0	
125	TN	126-020034	Tennessee River Crossing	331001	Transmission & Distribution Mains		7/31/2019	1.25%						
126	TN	126-020039	Repl Basin 1 & Plate Settlers	320100	WT Equip Non-Media		10/31/2020	1.09%						
127	TN	126-020040	Chlorine Gas Conversion	320100	WT Equip Non-Media		11/4/2019	1.09%						50,000
128	TN	126-020044	New Raw Water Intake Citico	22.72.22			3/15/2024	ar reviseous						
129	TN	126-020045	Remove Filter Bldg 3	304300	Struct & Imp-Treatment		12/31/2019	4.11%						1,000,000
130	TN	126-020056	Retire Basin 2	320100	WT Equip Non-Media		4/30/2020	1.09%						
131	TN	126-0200XX	Filter House #2 Rehab	304300	Struct & Imp-Treatment		5/30/2020	4.11%						
132	TN	126-0200XX	River Gorge Dr Transmission Mains	331001	Transmission & Distribution Mains		4/1/2020	1.25%						
133	TN	126-0200XX	River Gorge Booster Station	311200	Pump Eqp Electric		2/1/2020	2.45%						
134	TN	126-0200XX	Replace North Traveling Screen	306000	Lake, River & Other Intakes		4/1/2020	0.83%						
135	TN	126-050001	Raw Water Intake Improvements Whitwell		220 N. V. 2 . W. V. V. 200 N. V.		12/1/2024	2 2 2 2 2					10010001	
136	TN	126-050002	Facility Upgrades at Whitwell WTP	304200	Struct & Imp-Pumping		12/29/2017	1.98%					92,478	
137	TN	126-050002		304300	Struct & Imp-Treatment		12/29/2017	4.11%					2,475	
138	TN	126-050002		304400	Struct & Imp-Treatment-T&D		12/29/2017	2.13%				12.7	0	
139	TN	126-050002		320100	WT Equip Non-Media		12/29/2017	1.09%				0	0	
140	TN	126-050002	D. I. O. F. M. G. G	346190	Remote Control & Instrument		12/29/2017	4.21%				0	5,279	
141	TN	126-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)	204400	C		9/15/2022	2 420/						
142 143	TN	126-050004 126-050004	Replace 0.1 MG Storage Tank at Whitwell	304400 330200	Struct & Imp-Treatment-T&D Ground Level Tanks		12/31/2017	2.13% 2.74%						25.400
143	TN	126-050004		346190	Remote Control & Instrument		12/31/2017	4.21%						26,100
			Military II Associated a Control Income		Transmission & Distribution Mains		12/31/2017							
145 146	TN	126-000001 126-000001	Whitwell Acquisition Capital Investment	331001			12/31/2014	1.25%						
146	TN	126-00001		320200 311520	Water Trmt Equip Filter Media		12/31/2014	33.69% 1.83%						
147	TN	126-00001		340200	Pumping Equipment SOS		12/31/2014	2.19%						
148	1114	126-000001		340200	Computer & Peripheral Equipment		12/31/2014	2.19%						
									·		-			
150									\$67,768	\$1,400,262	\$2,077,122	\$3,457,087	\$1,121,429	\$2,572,116
151				=										
152			Total DV Excluded:						\$67,768	\$1,400,262	\$2,077,122	\$3,457,087	\$1,121,429	\$2,572,116
153											, , , , , , , , , , , , , , , , , , , ,	4-7	7-//	4-10-1-1
154			Total Surcharge Amt:						\$67,768	\$1,400,262	\$2,077,122	\$3,457,087	\$1,121,429	\$2,572,116
155														
156			SEC Total:						\$8,550	\$459,324	\$254,210	\$1,933,019	\$509,700	\$337,830
157														
158			EDI Total:						\$0	\$933	\$0	\$0	\$0	\$0
159														
160			QIIP Total:						\$59,218	\$940,005	\$1,822,912	\$1,524,068	\$611,729	\$2,234,286

⁽¹⁾ Amounts not reflected in actuals through 2018 or projections based on project costs through 2020

Cost of Removal less Salvage Balance for 2020

									Estimated		
Line#	E	Business Unit No.	Project Title	Account	Account Description	Portion to Account	In-Service (Months)	Dep Rate	2020	Surcharge	Average Cost of Removal less Salvage
1			RECURRING PROJECTS							Surcharge	Jaivage
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains		1	1.25%	\$0		so
3	TN	DV	5	333000	Services		1	1.11%	0		0
4	TN	DV		335000	Hydrants		1	2.30%	0		0
5											
6	TN	Α	Mains - New	304400	Struct & Imp-Treatment-T&D		1	2.13%	0	EDI	0
7	TN	A		331001	Transmission & Distribution Mains		1	1.25%	0	EDI	0
8	TN	Α		333000	Services		\ 1	1.11%	0	EDI	0
9	TN	Α		334300	Meter Vaults		1	2.73%	0	EDI	0
10	TN	A		335000	Hydrants		1	2.30%	0	EDI	0
11											
12	TN	В	Mains - Replaced / Restored	331001	Transmission & Distribution Mains		1	1.25%	85,120	QIIP	232,018
13	TN	В		333000	Services		1	1.11%	7,664	QIIP	62,476
14	TN	В		335000	Hydrants		1	2.30%	416	QIIP	1,093
15											
16	TN	С	Mains - Unscheduled	331001	Transmission & Distribution Mains		1	1.25%	180,476	QIIP	1,068,849
17	TN	С		335000	Hydrants		1	2.30%	0	QIIP	0
18			SSSS SSS 1 S		EST 10 10 12/2010 TO 10 EST						
19	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains		1	1.25%	5,514	QIIP	134,150
20	TN	D		333000	Services		1	1.11%	0	QIIP	50,834
21	TN	D		335000	Hydrants		1	2.30%	0	QIIP	0
22	200	_									2
23	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains		1	1.25%	0	EDI	0
24	TN	E		335000	Hydrants		1	2.30%	0	EDI	933
25		_		******				4 250/	0.450	6110	50.053
26	TN	F F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains		1	1.25% 2.30%	8,468	QIIP	58,853
27 28	TN	,		335000	Hydrants		1	2.30%	52,211	UIIP	121,067
29	TN	G	Services and Laterals - New	333000	Services		1	1.11%	0		0
30											
31	TN	н	Services and Laterals - Replaced	331001	Transmission & Distribution Mains		1	1.25%	0	QIIP	1,340
32	TN	н		333000	Services		1	1.11%	85,178	QIIP	622,367
33	TN	н		334100	Meters		1	7.47%	0	QIIP	12,259
34	TN	н		334200	Meter Installations		1	2.73%	0	QIIP	877
35	TN	н		334300	Meter Vaults		1	2.73%	0	QIIP	1,496
36			22202000 220000		***************************************			7.470/			
37 38	TN TN	1	Meters - New	334100	Meters Meter Installations		1	7.47% 2.73%	0		0
38	IN	4		334200	Meter Installations		1	2./3%	U		U
40	TN	1	Meters - Replaced	334100	Meters		1	7.47%	56,246	QIIP	364,926
41	TN	í	Wieters - Replaced	334200	Meter Installations		1	2.73%	189,019	QIIP	1,607,877
42	1114			334200	Wieter Histaliations		•	2.7570	103,013	Q.III	1,007,077
43	TN	ĸ	ITS Equipment and Systems	340200	Computer & Peripheral Equipment		1	2.19%	0		0
44				220400	W775 - 1 N - N - N			1.09%	0	SEC	10,453
45	TN	L .	SCADA Equipment and Systems	320100	WT Equip Non-Media		1		0	SEC	2,449
46	TN	L		340200	Computer & Peripheral Equipment		877	2.19% 1.83%	0	SEC	2,449
47 48	TN TN	L L		340300 346100	Computer Software Comm Equip Non-Telephone		1	4.21%	0	SEC	0
49	TN	Ĺ		346190	Remote Control & Instrument		1	4.21%	21,800	SEC	95,939
50	1114	L		340130	nemote conduct & msd unleft			7.21/0	21,000	JLC	22,233
51	TN	М	Security Equipment and Systems	304100	Struct & Imp-Supply		1	1.98%	0	SEC	0
52	TN	M		304200	Struct & Imp-Pumping		î	1.98%	0	SEC	4,187
53	TN	M		304300	Struct & Imp-Treatment		1	4.11%	5,587	SEC	22,861
54	TN	M		304400	Struct & Imp-Treatment-T&D		1	2.13%	0	SEC	0
55	TN	M		304500	Structures & Improvement - General		1	1.13%	0	SEC	0
56	TN	M		340200	Computer & Peripheral Equipment		1	2.19%	0	SEC	0
57	TN	M		347000	Misc Equipment		1	6.33%	0	SEC	0
58											

Cost of Removal less Salvage Balance for 2020

									w.w		
							P307227003020000	(Estimated		Average Cost of
Line#		Business Unit No.	Project Title	Account	Account Description	Portion to Account	In-Service (Months)	Dep Rate	2020	Surcharge	Removal less Salvage
59	TN	N	Offices and Operations Centers	304500	Struct & Imp-Treatment		1	1.13%	0	Surcharge	Salvage 0
60 61	TN	0	Vehicles	341100	Transportation Equip Lt Duty Trucks		1	16.00%	0		0
62	TN	0		341200	Transportation Equip Hvy Duty Trucks		1	16.62%	0		0
63	TN	0		341300	Transportation Equip Autos		1	11.38%	0		0
64							3000	100000000000	NEO		1077.0
65	TN	Р	Tools and Equipment	343000	Tools, Shop, Garage Equipment		1	6.89%	0		0
66											
67	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply		1	1.98%	0	SEC	874
68	TN	Q		304200	Struct & Imp-Pumping		1	1.98%	6,372	SEC	42,639
69	TN	Q		304300	Struct & Imp-Treatment		1	4.11%	16,037	SEC	81,249
70	TN	Q		304400	Struct & Imp-Treatment-T&D		1	2.13%	0	SEC	0
71	TN	Q		304500	Structures & Improvement - General		1	1.13%	0	SEC	277
72	TN	Q		304600	Struct & Imp-Offices		1	1.13%	0	SEC	0
73	TN	Q		304700	Struct & Imp-Store, Shop, Garage		1	0.73%	0	SEC	- 1
74	TN	Q		306000	Lake, River & Other Intakes		1	0.83%	2,445	SEC	12,355
75	TN	Q		309000	Supply Mains		1	1.87%	0	SEC	0
76	TN	Q		310000	Power Generation Equip		1	12.33%	0	SEC	115
77 78	TN	Q		311200	Pump Eqp Electric		1	2.45%	13,845	SEC	70,717
78 79	TN	Q		311520 320100	Pumping Equipment SOS		1	1.83%	11,898 145,425	SEC	62,022 792,073
80	TN	Q		320200	WT Equip Non-Media Water Trmt Equip Filter Media		1	33.69%	14,361	SEC	460,312
81	TN	q		330000	Dist Reservoirs & Standpipes		1	2.08%	14,361	SEC	460,312
82	TN	Q		331001	Transmission & Distribution Mains		1	1.25%	0	SEC	237
83	TN	Q		334100	Meters		1	7.47%	0	SEC	0
84	TN	a		340200	Computer & Peripheral Equipment		1	2.19%	0	SEC	105
85	TN	Q		340300	Computer Software		1	1.83%	0	SEC	0
86	TN	Q		340330	Computer Software Other		1	1.83%	0	SEC	0
87	TN	Q		343000	Tools, Shop, Garage Equipment		1	6.89%	0	SEC	0
88	TN	Q		344000	Laboratory Equipment		1	1.01%	369	SEC	1,876
89	TN	Q		345000	Power Operated Equipment		1	7.03%	0	SEC	1,676
90	TN	Q		346190	Remote Control & Instrument		1	4.21%	0	SEC	0
91	TN	Q		347000	Misc Equipment		1	6.33%	179	SEC	3,451
92											
93	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment		1	4.11%	0	QIIP	0
94	TN	R		304301	Struct & Imp-Treatment-Dpr Paint		1	12.06%	0	QIIP	661,770
95	TN	R		320100	WT Equip Non-Media		1	1.09%	0	QIIP	89,500
96	TN	R		320200	Water Trmt Equip Filter Media		1	33.69%	0	QIIP	206,460
97	TN	R		330000	Dist Reservoirs & Standpipes		1	2.08%	0	QIIP	0
98	TN	R		330003	Tank Repainting		1	11.08%	404,861	QIIP	580,347
99 100	TN	R R		330100 330200	Elevated Tanks & Standpipes Ground Level Tanks		1	2.74% 2.74%	0	QIIP	0 977
101	IN	K		330200	Ground Level Tanks		1	2.74%	U	QIIP	9//
101	TN	s	Engineering Studies	331001	Transmission & Distribution Mains		1	1.25%	0		0
103	1114	3	Total Recurring Projects	331001	Transmission & Distribution Wallis		1	1.23/0	J		U
104			Total Recurring Projects								
105			ACQUISITIONS								
106			Acquisitions								
107			Total Acquisitions								
108			964 (CVG 503-64, 904 © 1054 O 94-45) (CO-46								
109			CENTRALLY SPONSORED PROJECTS								
110	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		1	10.00%			0
111	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		1	10.00%			0
112			Total Centrally Sponsored Projects								
113											
			INVESTMENT BROKETT								
114 115	TN	126-020028	INVESTMENT PROJECTS Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment		6/1/2016	4.11%		QIIP	0
113	114	120-020020	Citico Fiant improvements Friase 10 (36.0)	304300	Struct & Imp-Treatment		0/1/2010	7.11/0		QIII	

Cost of Removal less Salvage Balance for 2020

										Estimated		
		Business Unit								- Communica		Average Cost of
		No.	Project Title	Account	Account Description	Portion to Account	In-Service (Months)	Dep Rate		2020		Removal less
Line #		140.				Account	(ivionths)			777777	Surcharge	Salvage
116	TN	126-020028		320100	* WT Equip Non-Media		6/1/2016	1.09%			QIIP	850,267
117	TN	126-020028	Webpat District Application (Application) - 2005 - 20 - 1 (Application)	346190	Remote Control & Instrument		6/1/2016	4.21%			QIIP	0
118	TN	126-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping		11/1/2015	1.98%			SEC	243,354
119	TN	126-020032		304300	Struct & Imp-Treatment		11/1/2015	4.11%			SEC	1,535,662
120	TN	126-020032		304400	Struct & Imp-T&D		11/1/2015	2.13%			SEC	0
121	TN	126-020032		304500	Structures & Improvement - General		11/1/2015	1.13%			SEC	0
122	TN	126-020032		320100	WT Equip Non-Media		11/1/2015	1.09%			SEC	577
123 124	TN TN	126-020032 126-020032		330200 347000	Ground Level Tanks		11/1/2015	2.74%			SEC	0
125	TN	126-020032	Tennessee River Crossing	347000	Misc Equipment Transmission & Distribution Mains		11/1/2015 7/31/2019	6.33% 1.25%			SEC	0
126	TN	126-020034	Repl Basin 1 & Plate Settlers	320100	WT Equip Non-Media		10/31/2019	1.09%		1,500,000 (1)	QIIP	750,000
127	TN	126-020039	Chlorine Gas Conversion	320100	WT Equip Non-Media		11/4/2019	1.09%	(1)	1,500,000 (1)	SEC	50,000
128	TN	126-020044	New Raw Water Intake Citico	320100	WT Equip Non-Integra		3/15/2024	1.03/0	(1)		SEC	30,000
129	TN	126-020045	Remove Filter Bldg 3	304300	Struct & Imp-Treatment		12/31/2019	4.11%	(1)		QIIP	1,000,000
130	TN	126-020056	Retire Basin 2	320100	WT Equip Non-Media		4/30/2020	1.09%	(1)	1,000,000 (1)	QIIP	500,000
131	TN	126-0200XX	Filter House #2 Rehab	304300	Struct & Imp-Treatment		5/30/2020	4.11%		1,000,000 (1)	QIIP	0
132	TN	126-0200XX	River Gorge Dr Transmission Mains	331001	Transmission & Distribution Mains		4/1/2020	1.25%			EDI	
133	TN	126-0200XX	River Gorge Booster Station	311200	Pump Eap Electric		2/1/2020	2.45%			EDI	
134	TN	126-0200XX	Replace North Traveling Screen	306000	Lake, River & Other Intakes		4/1/2020	0.83%			SEC	
135	TN	126-050001	Raw Water Intake Improvements Whitwell				12/1/2024				QIIP	0
136	TN	126-050002	Facility Upgrades at Whitwell WTP	304200	Struct & Imp-Pumping		12/29/2017	1.98%			SEC	92,478
137	TN	126-050002		304300	Struct & Imp-Treatment		12/29/2017	4.11%			SEC	2,475
138	TN	126-050002		304400	Struct & Imp-Treatment-T&D		12/29/2017	2.13%			SEC	0
139	TN	126-050002		320100	WT Equip Non-Media		12/29/2017	1.09%			SEC	0
140	TN	126-050002		346190	Remote Control & Instrument		12/29/2017	4.21%			SEC	5,279
141	TN	126-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)				9/15/2022				QIIP	0
142	TN	126-050004	Replace 0.1 MG Storage Tank at Whitwell	304400	Struct & Imp-Treatment-T&D		12/31/2017	2.13%			SEC	0
143	TN	126-050004		330200	Ground Level Tanks		12/31/2017	2.74%	(1)		SEC	26,100
144	TN	126-050004		346190	Remote Control & Instrument		12/31/2017	4.21%			SEC	0
145	TN	126-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains		12/31/2014	1.25%			QIIP	0
146	TN	126-000001		320200	Water Trmt Equip Filter Media		12/31/2014	33.69%			QIIP	0
147	TN	126-000001		311520	Pumping Equipment SOS		12/31/2014	1.83%			QIIP	0
148	TN	126-000001		340200	Computer & Peripheral Equipment		12/31/2014	2.19%			QIIP	0
149									0		Total DV	
150										\$3,813,490	Included:	\$12,602,529
									-	33,613,430	meladea.	\$12,002,329
151									· -			
152			Total DV Excluded:							\$3,813,490		\$12,602,529
153									=			
154			Total Surcharge Amt:						-	\$3,813,490		\$12,602,529
155									=			
156			SEC Total:						0.	\$238,317		\$3,621,793
157			320 10411						-			
158			EDI Total:						-	\$0		\$933
159			2511514						=			
160			QIIP Total:						-	\$3,575,173		\$8,979,803

⁽¹⁾ Amounts not reflected in actuals through 2018 or projections based on project costs through 2020

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Revision Date

Description

Tennessee October 11, 2019 TN BP 2020-2024 SCEP

			r				2020					
Business Unit	Rider	Business Unit	Project Title				1	2	3	4	5	6
Tennessee	None	No. DV	Projects Funded by Others	1		L	\$10,000	\$10,000	\$50,000	\$80,000	\$150,000	\$150,000
Tennessee	EDI	A	Mains - New				910,000	31,880	7,193	34,073	23,447	52,528
Tennessee	QIIP	В	Mains - Replaced / Restored				182,779	196,745	260,846	264,167	293,867	295,434
Tennessee	QIIP	c	Mains - Replaced / Restored Mains - Unscheduled				174,809	184,899	167,784	130,821	127,121	111,987
Tennessee	QIIP	D	Mains - Relocated				10,627	16,567	28,133	29,073	29,700	24,732
Tennessee	EDI	E					6,376	6,838	7,399	10,868	11,614	14,240
ennessee	QIIP	Ē	Hydrants, Valves, and Manholes - New				23,114	29,258	32,497	45,094	45,908	57,250
ennessee	None	Ġ	Hydrants, Valves, and Manholes - Replaced Services and Laterals - New				85,809	90,871	96,462	108,714	109,466	110,453
ennessee	QIIP	H	Services and Laterals - New Services and Laterals - Replaced				52,389	56,542	60,756	62,157	65,483	76,479
ennessee	None	7	Meters - New				16,365	17,330	18,401	26,936	29,809	35,87
ennessee	QIIP	î	Meters - New Meters - Replaced				28,161	30,034	31,495	36,808	164,948	173,01
ennessee	None	ĸ	ITS Equipment and Systems				193,024	193,963	200,216	200,530	200,843	200,84
ennessee	SEC	î					0	23,908	1,410	27,711	1,551	28,38
ennessee	SEC	M	SCADA Equipment and Systems				6,376	7,815	10,379	11,098	14,443	14,66
ennessee	None	N	Security Equipment and Systems				0,370	7,013	4,569	269	269	4,56
	None	O	Offices and Operations Centers				0	0	159,400	9,400	9,400	159,40
Tennessee		P	Vehicles					You have been a second		4,992		
ennessee	None		Tools and Equipment				3,081	3,689	22,067		4,992	27,83
ennessee	SEC	Q	Process Plant Facilities and Equipment				87,670	98,153	109,481	144,145	151,808	170,06
ennessee ennessee	QIIP	R S	Capitalized Tank Rehabilitation/Painting				0 2,657	260,890 2,813	276,275 3,483	291,660 5,126	291,660 5,251	291,660
Cimessee	Home	3	Engineering Studies Total Recurring Projects				873,236	1,252,194	1,498,248	1,443,642	1,581,580	1,854,752
			ACQUISITIONS				873,230	1,232,134	1,458,246	1,443,042	1,361,360	1,634,732
			Total Acquisitions				0	0	0	0	0	0
Tennessee	QIIP	126-020039	INVESTMENT PROJECTS Repl Basin 1 & Plate Settlers		Total	In Service Date 10/31/2020	168,764	279,949	336,796	476,585	479,643	730,450
	SEC	126-020039	Chlorine Gas Conversion			11/4/2019	164,625	104,263	104,263	4/6,363	479,643	730,430
Tennessee Tennessee	QIIP	126-020040	New Raw Water Intake Citico			3/15/2024	0	104,263	0	0	0	
ennessee	QIIP	126-020044	Elder Mt Transmission Mains			10/1/2023	0	0	0	0	0	
ennessee	SEC	126-020048	Replace Switch Gear - Citico			11/15/2022	0	0	0	0	0	
ennessee	QIIP	126-020055	Secondary Supply to Lookout Valley System			9/30/2022	0	0	0	0	0	(4
	QIIP	126-020055	Retire Basin 2			4/30/2020	0	0	0	0	0	
ennessee	SEC	126-020056	Enhanced Water Treatment			10/1/2025	0	0	0	0	0	
ennessee		126-020057					0	0	0	0	0	
Tennessee	QIIP		Low Service Pumps & Pump Station			11/1/2025	0	0				
Tennessee	QIIP	126-0200XX	Filter House #2 Rehab			5/30/2020	0	CONTRACTOR	251,473	252,977	254,600	
ennessee		126-0200XX	River Gorge Dr Transmission Mains			4/1/2020		330,306	442,528	335,265	0	
ennessee	EDI	126-0200XX	River Gorge Booster Station			2/1/2020	990,919	116,461	0	0		
ennessee	SEC	126-0200XX	Replace North Traveling Screen			4/1/2020	0	44,041	44,323	220,771	219,500	109,75
Tennessee Tennessee	QIIP	126-050001 126-050003	Raw Water Intake Improvements - Whitwell Replace 0.5MG Storage Tanks @ Whitwell			12/1/2024 9/15/2022	0	0	0	0	0	
ennessee	No	126-000002	Post Acquisition BD Capex Total Investment Projects			-,,	\$1,324,308	\$875,019	\$1,179,383	\$1,285,598	\$953,743	\$840,200
							, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		. , , ,			, , ,
			Contributions				(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000
								(58,333)	(58,333)	(58,333)	(58,333)	(58,333
			Advances Total Refunds				(58,333) 29,167	29,167	29,167	29,167	29,167	29,167
			rotal neranda				23,107	23,107	23,107	23,107	20,207	25,107
				Gross			\$2,207,544	\$2,137,213	\$2,727,632	\$2,809,240	\$2,685,323	\$2,844,953
Dollar amounts	from TA	WC's Annual C	Capital Planning Process	12200			(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(49,167
				Net			\$2,158,377	\$2,088,047	\$2,678,465	\$2,760,074	\$2,636,157	\$2,795,786
			Gross minus	Post Acq			\$2,207,544	\$2,137,213	\$2,727,632	\$2,809,240	\$2,685,323	\$2,844,95
							(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(49,167
			Net minus	Post Aca			\$2,158,377	\$2,088,047	\$2,678,465	\$2,760,074	\$2,636,157	\$2,795,786
			Net minus	sac ned			42,230,377	72,000,077	42,0.0,.03	4-1.001014	4-10001-01	7-,, 55,, 60

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Revision Date Description

Tennessee October 11, 2019 TN BP 2020-2024 SCEP

Business Unit		Ducinose I Init								
	Rider	Business Unit No.	Project Title	7	8	9	10	11	12	Total 2020
Tennessee	None	DV	Projects Funded by Others	\$90,000	\$80,000	\$80,000	\$80,000	\$120,000	\$100,000	\$1,000,000
ennessee	EDI	Α	Mains - New	25,420	57,299	4,387	35,013	1,880	26,880	300,000
ennessee	QIIP	В	Mains - Replaced / Restored	297,000	270,434	268,867	267,300	214,167	188,633	3,000,238
ennessee	QIIP	С	Mains - Unscheduled	120,283	120,048	120,582	120,623	128,023	193,023	1,700,000
ennessee	QIIP	D	Mains - Relocated	26,219	26,031	26,136	26,136	18,697	12,949	275,000
ennessee	EDI	E	Hydrants. Valves. and Manholes - New	14,412	14,287	11,934	11,412	8,698	6,922	125,000
ennessee	QIIP	F	Hydrants, Valves, and Manholes - Replaced	57,882	57,978	51,570	45,584	32,393	31,654	510,188
nnessee	None	G	Services and Laterals - New	120,829	119,862	120,379	120,285	119,754	97,114	1,300,000
nnessee	QIIP	н	Services and Laterals - Replaced	75,582	67,205	64,347	59,439	54,594	53,618	748,59
nnessee	None		Meters - New	36,260	34,414	25,614	21,828	18,760	18,411	300,00
nnessee	QIIP	ï	Meters - Replaced	180,539	180,362	233,164	236,268	186,520	52,663	1,533,97
nnessee	None	K	ITS Equipment and Systems	200,843	200,843	200,843	198,718	196,467	194,999	2,382,13
nnessee	SEC		SCADA Equipment and Systems	1,582	28,415	1,582	27,747	1,543	26,167	170,000
nnessee	SEC None	M	Security Equipment and Systems	20,163 269	20,477 269	15,477	15,125 269	11,128	7,657 4.675	154,80
ennessee ennessee	None	0	Offices and Operations Centers	9,400	9,400	4,569 159,400	9,400	165,589	9,211	20,000 700,000
ennessee	None	P	Vehicles	5,330	5,330	25,177	5,282	5,180	22,048	135,000
nnessee	SEC	á	Tools and Equipment	167,957	156,122	144,555	137,873	105,053	87,115	1,560,00
ennessee	QIIP	R	Process Plant Facilities and Equipment Capitalized Tank Rehabilitation/Painting	291,660	291,660	291,660	223,650	120,274	16,889	2,647,93
nnessee	None		1	5,346	5,346	5,346	3,221	3,095	2,970	50,00
illessee	None	S	Engineering Studies					*		
			Total Recurring Projects ACQUISITIONS	1,656,978	1,665,782	1,775,590	1,565,173	1,392,086	1,053,597	18,612,859
			Total Acquisitions	0	0	0	0	0	0	(
ennessee ennessee		126-020044				0	0	0		3/3,13
ennessee ennessee ennessee ennessee ennessee ennessee ennessee ennessee	QIIP QIIP SEC QIIP QIIP EDI EDI SEC	126-020048 126-020051 126-020055 126-020056 126-020057 126-020058 126-0200XX 126-0200XX 126-0200XX 126-0200XX 126-0200XX 126-0200XX	New Raw Water Intake Citico Elder Mt Transmission Mains Replace Switch Gear - Citico Secondary Supply to Lookout Valley System Retire Basin 2 Enhanced Water Treatment Low Service Pumps & Pump Station Filter House #2 Rehab River Gorge Dr Transmission Mains River Gorge Booster Station Replace North Travelling Screen Raw Water Intake Improvements - Whitwell	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	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	759,05 1,108,10 1,107,38 748,13
ennessee ennessee ennessee ennessee ennessee ennessee ennessee ennessee ennessee	QIIP QIIP SEC QIIP QIIP EDI EDI SEC QIIP QIIP	126-020051 126-020055 126-020056 126-020057 126-020058 126-0200XX 126-0200XX 126-0200XX 126-0200XX 126-0200XX 126-050001	Elder Mt Transmission Mains Replace Switch Gear - Citico Secondary Supply to Lookout Valley System Retire Basin 2 Enhanced Water Treatment Low Service Pumps & Pump Station Filter House #2 Rehab River Gorge Dr Transmission Mains River Gorge Booster Station Replace North Traveling Screen Raw Water Intake Improvements - Whitwell Replace O.5MG Storage Tanks @ Whitwell	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	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 0 0 0 0 0 0 0 0 0 0 0 0	373,15((((((759,05(1,108,10(1,107,38(748,13(
nnessee nnessee nnessee nnessee nnessee nnessee nnessee nnessee	QIIP QIIP SEC QIIP QIIP EDI EDI SEC QIIP QIIP	126-020051 126-020055 126-020056 126-020057 126-020058 126-0200XX 126-0200XX 126-0200XX 126-0200XX 126-0200XX 126-0200XX	Elder Mt Transmission Mains Replace Switch Gear - Citico Secondary Supply to Lookout Valley System Retire Basin 2 Enhanced Water Treatment Low Service Pumps & Pump Station Filter House #2 Rehab River Gorge Dr Transmission Mains River Gorge Booster Station Replace North Travelling Screen Raw Water Intake Improvements - Whitwell	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 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	759,056 1,108,100 1,107,386 748,130
nnessee nnessee nnessee nnessee nnessee nnessee nnessee nnessee nnessee	QIIP QIIP SEC QIIP QIIP EDI EDI SEC QIIP QIIP	126-020051 126-020055 126-020056 126-020057 126-020058 126-0200XX 126-0200XX 126-0200XX 126-0200XX 126-0200XX 126-050001	Elder Mt Transmission Mains Replace Switch Gear - Citico Secondary Supply to Lookout Valley System Retire Basin 2 Enhanced Water Treatment Low Service Pumps & Pump Station Filter House #2 Rehab River Gorge Dor Transmission Mains River Gorge Booster Station Replace North Traveling Screen Raw Water Intake Improvements - Whitwell Replace 0.5MG Storage Tanks @ Whitwell Post Acquisition BD Capex Total Investment Projects	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 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	759,056 1,108,100 1,107,386 748,130 510,479,796
nnessee nnessee nnessee nnessee nnessee nnessee nnessee nnessee	QIIP QIIP SEC QIIP QIIP EDI EDI SEC QIIP QIIP	126-020051 126-020055 126-020056 126-020057 126-020058 126-0200XX 126-0200XX 126-0200XX 126-0200XX 126-0200XX 126-050001	Elder Mt Transmission Mains Replace Switch Gear - Citico Secondary Supply to Lookout Valley System Retire Basin 2 Enhanced Water Treatment Low Service Pumps & Pump Station Filter House #2 Rehab River Gorge Dr Transmission Mains River Gorge Booster Station Replace North Traveling Screen Raw Water Intake Improvements - Whitwell Replace 0.5MG Storage Tanks @ Whitwell Post Acquisition BD Capex Total Investment Projects Contributions	0 0 0 0 0 0 0 0 0 0 109,750 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 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 0	759,05(1,108,100 1,107,38(748,13(510,479,79(
nnessee nnessee nnessee nnessee nnessee nnessee nnessee nnessee	QIIP QIIP SEC QIIP QIIP EDI EDI SEC QIIP QIIP	126-020051 126-020055 126-020056 126-020057 126-020058 126-0200XX 126-0200XX 126-0200XX 126-0200XX 126-0200XX 126-050001	Elder Mt Transmission Mains Replace Switch Gear - Citico Secondary Supply to Lookout Valley System Retire Basin 2 Enhanced Water Treatment Low Service Pumps & Pump Station Filter House #2 Rehab River Gorge Dor Transmission Mains River Gorge Booster Station Replace North Traveling Screen Raw Water Intake Improvements - Whitwell Replace 0.5MG Storage Tanks @ Whitwell Post Acquisition BD Capex Total Investment Projects	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 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	759,056 1,108,100 1,107,386 748,136 (240,000 (700,000 350,000
nnessee nnessee nnessee nnessee nnessee nnessee nnessee nnessee	QIIP QIIP SEC QIIP QIIP EDI EDI SEC QIIP QIIP	126-020051 126-020055 126-020056 126-020057 126-020058 126-0200XX 126-0200XX 126-0200XX 126-0200XX 126-0200XX 126-050001	Elder Mt Transmission Mains Replace Switch Gear - Citico Secondary Supply to Lookout Valley System Retire Basin 2 Enhanced Water Treatment Low Service Pumps & Pump Station Filter House #2 Rehab River Gorge Dr Transmission Mains River Gorge Booster Station Replace North Traveling Screen Raw Water Intake Improvements - Whitwell Replace D.SMG Storage Tanks @ Whitwell Post Acquisition BD Capex Total Investment Projects Contributions Advances	0 0 0 0 0 0 0 109,750 0 0 5872,413	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	\$695,749	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	759,05 1,108,10 1,107,38 748,13 \$10,479,79 (240,00 (700,00 350,00
innessee innessee innessee innessee innessee innessee innessee innessee innessee innessee	QIIP QIIP SEC QIIP EDI EDI EDI SEC QIIP QIIP No	126-020051 126-020055 126-020056 126-020056 126-020058 126-0200X 126-0200XX 126-0200XX 126-0200XX 126-0200XX 126-050001 126-050001 126-050001	Elder Mt Transmission Mains Replace Switch Gear - Citico Secondary Supply to Lookout Valley System Retire Basin 2 Enhanced Water Treatment Low Service Pumps & Pump Station Filter House #2 Rehab River Gorge Dr Transmission Mains River Gorge Booster Station Replace North Traveling Screen Raw Water Intake Improvements - Whitwell Replace 0.5MG Storage Tanks @ Whitwell Post Acquisition BD Capex Total Investment Projects Contributions Advances Total Refunds	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$850,133 (20,000) (58,333) 29,167	\$828,063 (20,000) (58,333) 29,167	\$695,749 (20,000) (58,333) 29,167	\$439,000 (20,000) (58,333) 29,167	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	759,05(1,108,100 1,107,38(748,13) (240,00) (700,00) 350,000 \$29,092,64(
nnessee nnessee nnessee nnessee nnessee nnessee nnessee nnessee nnessee	QIIP QIIP SEC QIIP EDI EDI EDI SEC QIIP QIIP No	126-020051 126-020055 126-020056 126-020056 126-020058 126-0200X 126-0200XX 126-0200XX 126-0200XX 126-0200XX 126-050001 126-050001 126-050001	Elder Mt Transmission Mains Replace Switch Gear - Citico Secondary Supply to Lookout Valley System Retire Basin 2 Enhanced Water Treatment Low Service Pumps & Pump Station Filter House #2 Rehab River Gorge Dr Transmission Mains River Gorge Dooster Station Replace North Traveling Screen Raw Water Intake Improvements - Whitwell Replace 0.5MG Storage Tanks @ Whitwell Post Acquisition BD Capex Total Investment Projects Contributions Advances Total Refunds	\$872,413 (20,000) (58,333) 29,167	\$850,133 (20,000) (58,333) 29,167	\$828,063	\$695,749 (20,000) (58,333) 29,167	\$439,000 (20,000) (58,333) 29,167	\$336,180 (20,000) (58,333) 29,167	759,05 1,108,10 1,107,38 748,13 \$10,479,79 (240,00 (700,00 350,00 \$29,092,64 (590,00
nnessee nnessee nnessee nnessee nnessee nnessee nnessee nnessee nnessee	QIIP QIIP SEC QIIP EDI EDI EDI SEC QIIP QIIP No	126-020051 126-020055 126-020056 126-020056 126-020058 126-0200X 126-0200XX 126-0200XX 126-0200XX 126-0200XX 126-050001 126-050001 126-050001	Elder Mt Transmission Mains Replace Switch Gear - Citico Secondary Supply to Lookout Valley System Retire Basin 2 Enhanced Water Treatment Low Service Pumps & Pump Station Filter House #2 Rehab River Gorge Dr Transmission Mains River Gorge Booster Station Replace North Traveling Screen Raw Water Intake Improvements - Whitwell Replace O.SMG Storage Tanks @ Whitwell Post Acquisition BD Capex Total Investment Projects Contributions Advances Total Refunds Gross Capital Planning Process	\$872,413 (20,000) (58,333) 29,167	\$850,133 (20,000) (58,333) 29,167 (49,167)	\$828,063 (20,000) (58,333) 29,167 \$2,683,653 (49,167)	\$695,749 (20,000) (58,333) 29,167 \$2,340,922 (49,167)	\$439,000 (20,000) (58,333) 29,167 \$1,951,086 (49,167)	\$336,180 (20,000) (58,333) 29,167 \$1,489,776 (49,167)	759,056 1,108,106 1,107,388 748,131 (240,000 (700,000 350,000 \$29,092,649 (590,000 \$28,502,649
innessee innessee innessee innessee innessee innessee innessee innessee innessee innessee	QIIP QIIP SEC QIIP EDI EDI EDI SEC QIIP QIIP No	126-020051 126-020055 126-020056 126-020056 126-020058 126-0200X 126-0200XX 126-0200XX 126-0200XX 126-0200XX 126-050001 126-050001 126-050001	Elder Mt Transmission Mains Replace Switch Gear - Citico Secondary Supply to Lookout Valley System Retire Basin 2 Enhanced Water Treatment Low Service Pumps & Pump Station Filter House #2 Rehab River Gorge Dr Transmission Mains River Gorge Booster Station Replace North Traveling Screen Raw Water Intake Improvements - Whitwell Replace O.SMG Storage Tanks @ Whitwell Post Acquisition BD Capex Total Investment Projects Contributions Advances Total Refunds Gross Capital Planning Process	\$2,570,224	\$850,133 (20,000) (58,333) 29,167 \$2,595,915 (49,167) \$2,546,748	\$828,063 (20,000) (58,333) 29,167 \$2,683,653 (49,167) \$2,684,486	\$695,749 (20,000) (58,333) 29,167 \$2,340,922 (49,167) \$2,291,755	\$439,000 (20,000) (58,333) 29,167 \$1,951,086 (49,167) \$1,901,919	\$336,180 (20,000) (58,333) 29,167 \$1,489,776 (49,167) \$1,440,610	759,056 1,108,100 1,107,381 748,131 \$10,479,791 (240,000 (700,000 350,000 \$29,092,641 (590,000 \$28,502,641
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STATE OF Kentucky)
COUNTY OF Fayette)

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

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

Claime Chambers

Sworn to and subscribed before me this day of February, 2020.

Notary Public

My Commission expires: 7 35 3030

CERTIFICATE OF SERVICE

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

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

This the 24th day of February, 2020.

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