

RECEIVED
CASE MANAGEMENT

JAN 11 2019

BOARD OF PUBLIC UTILITIES
TRENTON, NJ

January 10, 2019

VIA FEDERAL EXPRESS

UPDATE LETTER

Aida Camacho-Welch
Board Secretary
Board of Public Utilities
44 South Clinton Ave.
3rd Floor, Suite 314
PO Box 350
Trenton, NJ 08625-0350

 **COZEN
O'CONNOR**
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*Jwd
1/16/19*

RECEIVED
MAIL ROOM

JAN 11 2019

BOARD OF PUBLIC UTILITIES
TRENTON, NJ

**Re: In the Matter of the New Jersey Board of Public Utilities' Consideration of
the Tax Cuts and Jobs Act of 2017
BPU Docket No. AX18010001
In the Matter of The Atlantic City Sewerage Company's Petition with Calculation of
Rates under the Tax Cuts and Jobs Act of 2017
BPU Docket No. WR18030234**

Dear Secretary Camacho-Welch:

This firm represents Petitioner, The Atlantic City Sewerage Company ("ACSC" or the "Company"), in the referenced matters. This letter updates the letter which this firm submitted in this matter on November 9, 2018. It assumes that this matter will be placed on the Board's February 27, 2019 agenda. By this letter we also request that the effective date of the Board's February 27, 2019 Order in this matter be accelerated, and made effective March 1, 2019.

The Board of Public Utilities ("BPU" or "Board") issued an Order in this matter dated June 22, 2018. That Order, inter alia, deferred final action in this matter pending receipt of additional information from ACSC.

ACSC in turn engaged the accounting firm of Deloitte & Touche to complete necessary analyses for ACSC. Those analyses have now been completed.

In addition, effective April 1, 2018, Petitioner implemented a rate decrease, to reflect the fact that the tax expense reflected in ACSC's rates had been calculated at the statutory 34% rate.¹ The new rates, made effective April 1, 2018 were based upon the new statutory rate of 21%.

¹ ACSC is a 34% Company – not a 35% Company, as ACSC is under the \$10 million taxable income required to move into the 35% tax bracket.

LEGAL\39594174\1

Case mgmt *K. Selton* *Audits*
M. Lupo Esq *C. Vachier, Esq.*

The April 1, 2018 rate reduction was based upon a reduction in income tax expense of \$319,945.00. After applying the gross up factor, the rate decrease became an annual revenue reduction of \$472,838.00.

ACSC has now determined that the April 1, 2018 rate decrease was insufficient. Rather than \$319,945.00 before gross up, it should have been \$449,350.00 before gross up. By this letter, Petitioner proposes to correct this error, and address other issues remaining open in this matter.

I. SUMMARY OF ACSC'S PROPOSAL

The Company's proposal in this matter is summarized on Schedule TSK-1 attached to this letter.

Line item No. 1 is entitled: "Annual Impact of TCJA on Income Tax Expense". That reflects the amount by which rates should have been reduced effective April 1, 2018, before gross up.

Line item No. 2 demonstrates the amount by which rates were reduced effective April 1, 2018.

Line item No. 3 reflects the fact that the rate reduction effective April 1, 2018 was deficient by \$129,405.00 before gross up. This additional amount must be returned to customers.

Deloitte determined that the Company had insufficient records as to assets placed into service prior to January 1, 1992 to apply the Average Rate Assumption Method ("ARAM") to Pre-92 assets. As a result, ACSC applied the Reverse South Georgia Method ("RSGM") to Pre-92 assets. As a result, line item No. 4 demonstrates that for Pre-92 assets, the RSGM results in an annualized return to customers of excess protected Accumulated Deferred Income Taxes ("ADIT") of \$42,353.00.

Relative to Post-1991 additions, the Company was able to apply ARAM, in Deloitte's view. As a result, line item No. 5 reflects the return of excess protected ADIT utilizing the ARAM Method for Post-1991 assets.

Line item No. 12 was previously the same as line item No. 3. It has now been updated to reflect an effective date of March 1, 2019. That is, it represents the deficiency in the rate reduction dated April 1, 2018, which must be returned to customers.

Concerning unprotected ADIT, in ACSC's case, that amount is a regulatory asset, and is actually due *from* rate payers. That amount is \$162,225.00 (line item No. 13). Line item No. 14 represents the remaining balance of the amount due to ratepayers as a bill credit for the period January 1, 2018 through March 31, 2018, (the "Stub Period"). Line item No. 15, the sum of line item Nos. 12 through 14, represents the net amount due from rate payers from the April 1, 2018 rate decrease of \$7,542.00. It is proposed that this amount will be recovered from customers over three (3) years, based upon the assumption that ACSC will have a rate case resulting in rates in effect by 2021.

This is reflected on line item No. 6, as an annualized recovery of \$2,514.00.

The result is a total annual rate reduction required before gross up of \$190,107.00 as reflected in line item No. 7. After applying the gross up factor in line item No. 8, the result is the Company's proposal of a rate reduction to be effective March 1, 2019 of \$280,954.00. ACSC

requests that this matter be placed upon the Board's February 27, 2019 agenda and made effective March 1, 2019.

II. SUPPORTING SCHEDULES

Schedule TSK-2 calculates the required revenue deficiency, which should have been implemented April 1, 2018 of \$449,350.00. This calculation emanates from the revenue requirement in the Company's last rate case which was stipulated at \$1,950,000.00. The income tax expense embedded in that revenue requirement was \$1,177,393.00. That was calculated at 34%. If it were calculated at 21%, it would have been \$725,873.00. The result is an amount to be returned to customers of \$449,350.00.

Schedule TSK-3 is an application of the RSGM to Pre-92 assets. The resulting annual return to customers for excess protected ADIT on this schedule is \$30,000.00. This is based upon an estimated remaining book life for the Pre-92 assets of 14.77 years. The amount to be returned to customers is \$443,060.00, and when divided by 14.77, the annual amount becomes \$30,000.00. Because 2018 will have already passed by the time the Company's proposal is adopted at the Board's December Board meeting, the Company is adding one-third (1/3), or \$10,000 to the calculated annual return for 2019 through 2021, the year in which it is anticipated that a rate change will take place in ACSC's base rates. This produces an average yearly amount of \$40,000.00, which has been carried forward to March 1, 2019 and becomes \$42,353.00. This was brought forward to Schedule TSK-1.

Schedule TSK-4 is a calculation of the annual return required for excess ADIT related to Post-1991 additions.

Because 2018 will have already passed by the time the Company's proposal is adopted at the Board's December Board meeting, the Company utilized an average for 2018 through 2021, the year in which it is anticipated that a rate change will take place in ACSC's base rates. As a result, the amounts for each of the four years, 2018-2021, was divided by 3 rather than 4, to produce an average yearly amount of \$20,863.00 on Schedule TSK-4. This was brought forward to Schedule TSK-1.

Schedule TSK-5 is a calculation of the gross up factor, adjusted to reflect the 21% federal income tax rate.

Schedule TSK-6 is a summary schedule, calculating both the excess protected and excess unprotected ADIT on the books of the Company. With regard to the excess protected ADIT, the results of the D&T study have also been included and the books will be adjusted accordingly upon the approval of this filing.

Schedule TSK-7 is a calculation of the remaining amount to be returned to customers for the stub period January 1, 2018 through March 31, 2018. The customer credits were posted to customer accounts in April 2018. This balance was brought forward to Schedule TSK-1.

Schedule TSK-8 is a rate design calculation, demonstrating the manner in which the revenue reduction contained in the Company's proposal will be apportioned to customers.

The above summarizes the Company's proposal to bring this matter to a conclusion.


The Company requests that this proposal be on the Board's agenda for its February 27 meeting.

We would be happy to meet with BPU Staff and Rate Counsel to address any questions which might arise.

Thank you for your cooperation in this matter.

Respectfully,

COZEN O'CONNOR, PC

By: 
Ira G. Megdal

IGM:kn
Enclosure

cc: Service List (w/enclosure, via E-mail)

ATLANTIC CITY SEWERAGE COMPANY
PRO FORMA INCOME TAXES

TSK-1

Pro-Forma Impact of Tax Reform on Annual Income Tax Expense

| | | "Incremental" Impact of Tax Change | Reference |
|----|--|--|----------------|
| 1 | Annual Impact of TCJA on Income Tax Expense | \$ 449,350 | TSK-2, line 16 |
| 2 | LESS: Reduction Already Included in Rates effective April 1, 2018 | <u>\$ 319,945</u> | |
| 3 | Additional Annual Reduction Required for Tax Expense Decrease | \$ 129,405 | |
| 4 | Return of Excess Protected under Reverse South Georgia Method (a) | \$ 42,353 | TSK-3, line 26 |
| 5 | Return of Excess Protected under ARAM Method (b) | \$ 20,863 | TSK-4, line 5 |
| 6 | Other Difference Due From Ratepayers (Line 15 below) / 3 years | <u>\$ (2,514)</u> | |
| 7 | Total Annual Rate Reduction Required before Gross-Up | \$ 190,107 | |
| 8 | Gross-Up Factor | <u>1.477876</u> | TSK-5, line 15 |
| 9 | Additional Revenue Reduction Required, effective March 1, 2019 | <u>\$ 280,954</u> | |
| 10 | (a) Source: Study prepared by Deloitte & Touche (dated 10.31.18), pre-1992 assets (Summary page @ TSK-3) | | |
| 11 | (b) Source: Study prepared by Deloitte & Touche (dated 11.1.18), post-1991 assets (Summary page @ TSK-4) | | |

2018 plus Jan & Feb 2019 Settle-Up Required:

| | | | |
|----|--|-------------------|---|
| 12 | Additional Reduction Required for 2018 plus Jan & Feb 2019 | \$ 150,972 | (Line 3 above plus 2/12 for Jan/Feb 2019) |
| 13 | Less: Excess Unprotected due FROM Ratepayers | \$ (162,225) | (TSK-6, line 12) |
| 14 | Add: Balance of April Refund Due to Ratepayers | \$ 3,711 | (TSK-7, line 11) |
| 15 | Difference to be Credited to Ratepayers over 3 years | <u>\$ (7,542)</u> | |

1 THE ATLANTIC CITY SEWERAGE COMPANY
2 CALCULATION OF TAX IMPACT ON TEST YEAR

| 3 | | 12&0 | | Tax Rate @ 34% | Tax Rate @ 21% | |
|----|--------------------------------|------------|-------------|----------------|----------------|--|
| 4 | | TEST YEAR | Required | Proforma | Proforma | Impact of |
| 5 | | 2016 | Adjustments | Financials | Financials | Tax Decrease |
| 6 | | | | | | |
| 7 | Utility Operating Income: | | | | | |
| 8 | 400 Operating Revenues | 20,792,954 | 1,950,000 | 22,742,954 | 22,742,954 | |
| 9 | | | | | | |
| 10 | Utility Operating Expenses: | | | | | |
| 11 | 401 Operation Expense | 12,441,851 | 699,365 | 13,141,216 | 13,141,216 | |
| 12 | 402 Maintenance Expense | 1,891,089 | 0 | 1,891,089 | 1,891,089 | |
| 13 | 403 Depreciation Expense | 1,012,371 | 0 | 1,012,371 | 1,012,371 | |
| 14 | 404 Amortization Expense | 36,347 | 0 | 36,347 | 36,347 | |
| 15 | 408 Taxes other than Income | 2,314,462 | 279,796 | 2,594,258 | 2,594,258 | |
| 16 | 409 Income Taxes | 846,670 | 330,085 | 1,175,223 | 725,873 | 449,350 |
| 17 | Total Expenses | 18,542,690 | 1,309,246 | 19,850,503 | 19,401,164 | to TSK - 1 |
| 18 | | | | | | |
| 19 | Sewerage Operating Income: | 2,250,264 | 640,754 | 2,892,451 | 3,341,800 | |
| 20 | Other Income: | | | | | |
| 21 | 419 Interest & Dividend Income | 15,449 | 0 | 15,449 | 15,449 | |
| 22 | 421 Miscellaneous Income | 0 | 0 | 0 | 0 | |
| 23 | Total Other Income | 15,449 | 0 | 15,449 | 15,449 | |
| 24 | Income Deductions: | | | | | |
| 25 | 426 Other Deductions | 3,250 | 0 | 3,250 | 3,250 | |
| 26 | 428 Interest on Long Term Debt | 621,615 | 0 | 621,615 | 621,615 | |
| 27 | 432 Other Interest Charges | 1,720 | 0 | 1,720 | 1,720 | |
| 28 | Total Deductions | 626,585 | 0 | 626,585 | 626,585 | |
| 29 | Net Income | 1,639,128 | 640,754 | 2,281,314 | 2,730,664 | (449,350) |
| 30 | | | | | | Reduction in March 2018 Filing (319,945) |
| 31 | | | | | | Additional Reduction Required |
| 32 | | | | | | Before Tax Gross-Up (129,405) |
| | <u>Tax Calcs:</u> | | | | | |
| | Pre-tax | 2,485,698 | 970,839 | 3,456,537 | 3,456,537 | |
| | | 34% | 34% | 34% | 21% | |
| | | 845,137 | 330,085 | 1,175,223 | 725,873 | |

Atlantic City Sewerage Company
Reverse South Georgia Method
Pre-92 Assets as of 12/31/17

TSK - 3

Line Book Cost Basis:

| | | | | |
|---|----------------------------------|----|---------------------------|--------------|
| 1 | Gross PPE | \$ | 22,162,070 | |
| 2 | Less Land | \$ | (218,179) | |
| 3 | Gross CIAC | \$ | <u>(10,098,274)</u> | |
| 4 | Total Cost Basis | \$ | 11,845,617 | |
| | | | | |
| 5 | <u>Accumulated Depreciation:</u> | | | |
| 6 | Accumulated Depreciation | \$ | (10,869,431) | |
| 7 | Accumulated Depreciation CIAC | \$ | <u>3,017,705</u> | |
| 8 | Total A/D | \$ | <u>(7,851,727)</u> | |
| 9 | Net Book Value | | | \$ 3,993,891 |

Tax Cost Basis:

| | | | | |
|----------------------------------|-------------------------------|----|----------------------------|-------------------|
| 10 | Gross PPE | \$ | 21,753,035 | |
| 11 | Less Land | \$ | (218,179) | |
| 12 | Gross CIAC | \$ | <u>(8,398,180)</u> | |
| 13 | Total Cost Basis | \$ | 13,136,676 | |
| | | | | |
| <u>Accumulated Depreciation:</u> | | | | |
| 14 | Accumulated Depreciation | \$ | (12,550,940) | |
| 15 | Accumulated Depreciation CIAC | \$ | - | |
| 16 | Total A/D | \$ | <u>(12,550,940)</u> | |
| 17 | Net Tax Value | | | \$ <u>585,736</u> |

18 **Timing Difference (DTL)/DTA** \$ (3,408,155)

19 **ASC740 DIT @ 34%** \$ (1,158,773) [1]

20 **ASC740 DIT @ 21%** \$ (715,712) [1]

21 \$ (443,060)

21 **Estimated Remaining Book Life (\$3,993,891 line 9 / \$270,427 annual deprec exp.)** 14.77

22 **Estimated Annual Reversal of Excess Deferred Taxes (Pre-1992 Plant)** \$ (30,000)

| | <u>Total to Return</u> | <u>Annual Return</u> | <u>Mo's</u> | <u>Start Date</u> |
|--|------------------------|----------------------|-------------|-------------------|
| 24 Line 25 x 4 years (2018 to 2021) | \$ (120,000) | \$ (40,000) | 36 | If Jan 1, 2019 |
| 25 since 2018 has already passed | | \$ (41,143) | 35 | If Feb. 1, 2019 |
| 26 and is available to return | | \$ (42,353) | 34 | If Mar. 1, 2019 |

27 **To TSK-1**

28 **Note [1] - ASC740 DIT calculation does not include revenue requirement gross ups and state impacts.**

Atlantic City Sewerage Company

Excess Deferred Federal Income Tax Model – Post-1991 Additions

Summary Results

TSK-4

| Tax Year | Ending Net Book Value | Ending Net Tax Value | Timing | Cumulative | Cumulative | | | Cumulative | Annual Excess | Cumulative | 4 Yr total | Mo's | Average Per Yr |
|----------|-----------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|---------------------|---------------------|---------------------------------------|----------------------------------|-------------|------|----------------|
| | | | Difference DTA/(DTL) | Timing Difference DTA/(DTL) | ASC740 DIT DTA/(DTL) | ASC740 DIT DTA/(DTL) | APB11 DIT DTA/(DTL) | APB11 DIT DTA/(DTL) | Deferred Tax Reversal Before Gross Up | Reg Asset/(Liab) Before Gross Up | | | |
| 2017 | 44,184,097 | 28,621,699 | - | (15,562,398) | - | (3,268,104) | - | (5,291,215) | - | (2,023,112) | | | |
| 2018 | 43,363,362 | 26,873,799 | (927,165) | (16,489,563) | (194,705) | (3,462,808) | (176,110) | (5,467,326) | 18,594 | (2,004,517) | | | |
| 2019 | 42,574,466 | 25,135,749 | (949,154) | (17,438,717) | (199,322) | (3,662,131) | (182,024) | (5,649,349) | 17,299 | (1,987,219) | | | |
| 2020 | 41,833,977 | 23,402,396 | (992,863) | (18,431,581) | (208,501) | (3,870,632) | (196,452) | (5,845,801) | 12,049 | (1,975,169) | | | |
| 2021 | 41,123,452 | 21,701,124 | (990,748) | (19,422,328) | (208,057) | (4,078,689) | (196,886) | (6,042,688) | 11,171 | (1,963,999) | 59,113 | 36 | 19,704 |
| 2022 | 40,419,354 | 20,036,601 | (960,425) | (20,382,753) | (201,689) | (4,280,378) | (188,646) | (6,231,334) | 13,043 | (1,950,956) | | | |
| 2023 | 39,718,080 | 18,395,951 | (939,376) | (21,322,129) | (197,269) | (4,477,647) | (184,241) | (6,415,575) | 13,028 | (1,937,928) | If Feb. 1st | 35 | 20,267 |
| 2024 | 39,018,742 | 16,822,663 | (873,950) | (22,196,079) | (183,529) | (4,661,177) | (170,276) | (6,585,851) | 13,254 | (1,924,674) | | | |
| 2025 | 38,321,364 | 15,340,773 | (784,512) | (22,980,591) | (164,748) | (4,825,924) | (155,116) | (6,740,967) | 9,631 | (1,915,043) | If Mar. 1st | 34 | 20,863 |
| 2026 | 37,627,563 | 13,911,881 | (735,091) | (23,715,682) | (154,369) | (4,980,293) | (136,559) | (6,877,526) | 17,810 | (1,897,233) | | | to TSK-1 |
| 2027 | 36,935,695 | 12,511,728 | (708,286) | (24,423,967) | (148,740) | (5,129,033) | (130,236) | (7,007,762) | 18,504 | (1,878,729) | | | |
| 2028 | 36,245,929 | 11,145,776 | (676,186) | (25,100,154) | (141,999) | (5,271,032) | (123,222) | (7,130,984) | 18,777 | (1,859,952) | | | |
| 2029 | 35,557,207 | 9,825,232 | (631,821) | (25,731,974) | (132,682) | (5,403,715) | (113,397) | (7,244,381) | 19,285 | (1,840,667) | | | |
| 2030 | 34,869,847 | 8,535,598 | (602,274) | (26,334,249) | (126,478) | (5,530,192) | (107,561) | (7,351,943) | 18,916 | (1,821,750) | | | |
| 2031 | 34,182,603 | 7,263,427 | (584,928) | (26,919,176) | (122,835) | (5,653,027) | (103,456) | (7,455,398) | 19,379 | (1,802,371) | | | |
| 2032 | 33,495,360 | 6,041,355 | (534,828) | (27,454,004) | (112,314) | (5,765,341) | (92,535) | (7,547,933) | 19,779 | (1,782,593) | | | |
| 2033 | 32,808,139 | 4,878,969 | (475,167) | (27,929,171) | (99,785) | (5,865,126) | (77,453) | (7,625,386) | 22,333 | (1,760,260) | | | |
| 2034 | 32,120,930 | 3,848,194 | (343,565) | (28,272,736) | (72,149) | (5,937,275) | (48,716) | (7,674,102) | 23,433 | (1,736,828) | | | |
| 2035 | 31,436,750 | 2,960,401 | (203,613) | (28,476,349) | (42,759) | (5,980,033) | (16,236) | (7,690,338) | 26,523 | (1,710,305) | | | |
| 2036 | 30,781,224 | 2,256,978 | (47,897) | (28,524,246) | (10,058) | (5,990,092) | 15,955 | (7,674,383) | 26,013 | (1,684,291) | | | |
| 2037 | 30,131,652 | 1,742,695 | 135,289 | (28,388,957) | 28,411 | (5,961,681) | 58,311 | (7,616,072) | 29,900 | (1,654,392) | | | |
| 2038 | 29,484,999 | 1,281,269 | 185,226 | (28,203,731) | 38,897 | (5,922,783) | 70,645 | (7,545,427) | 31,748 | (1,622,644) | | | |
| 2039 | 28,838,347 | 914,324 | 279,708 | (27,924,023) | 58,739 | (5,864,045) | 91,819 | (7,453,608) | 33,080 | (1,589,564) | | | |
| 2040 | 28,192,742 | 614,989 | 346,271 | (27,577,752) | 72,717 | (5,791,328) | 106,569 | (7,347,039) | 33,852 | (1,555,711) | | | |
| 2041 | 27,549,034 | 376,111 | 404,830 | (27,172,923) | 85,014 | (5,706,314) | 119,140 | (7,227,899) | 34,126 | (1,521,585) | | | |
| 2042 | 26,906,242 | 334,214 | 600,895 | (26,572,028) | 126,188 | (5,580,126) | 160,828 | (7,067,071) | 34,640 | (1,486,945) | | | |
| 2043 | 26,269,774 | 329,128 | 631,382 | (25,940,646) | 132,590 | (5,447,536) | 166,706 | (6,900,364) | 34,116 | (1,452,829) | | | |
| 2044 | 25,635,619 | 324,042 | 629,069 | (25,311,577) | 132,104 | (5,315,431) | 166,032 | (6,734,333) | 33,927 | (1,418,902) | | | |
| 2045 | 25,007,659 | 321,658 | 625,576 | (24,686,000) | 131,371 | (5,184,060) | 165,406 | (6,568,927) | 34,035 | (1,384,867) | | | |
| 2046 | 24,385,183 | 320,490 | 621,307 | (24,064,693) | 130,475 | (5,053,586) | 164,417 | (6,404,511) | 33,942 | (1,350,925) | | | |
| 2047 | 23,765,281 | 319,397 | 618,809 | (23,445,884) | 129,950 | (4,923,636) | 163,774 | (6,240,737) | 33,824 | (1,317,101) | | | |
| 2048 | 23,145,379 | 318,828 | 619,333 | (22,826,551) | 130,060 | (4,793,576) | 163,926 | (6,076,811) | 33,866 | (1,283,235) | | | |

NOTE:
Excerpt of File. Full file available upon request.

1 **Ratemaking Adjustments to December 31, 2016**
 2 **Derivation of Revenue Factor**

| | <u>Amount</u> | <u>Reference</u> | <u>Post 2017 TRA Rev. Factor</u> |
|----|--|------------------|--------------------------------------|
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | COMPONENTS: | | |
| 7 | | | |
| 8 | Public Utilities Assessment (PUA) | 0.2346% | 0.2346% |
| 9 | Division of Ratepayer Advocate (DRA) | 0.0514% | 0.0514% |
| 10 | Gross Receipts & Franchise Tax (GRAFT) | 12.5000% | 12.5000% |
| 11 | Excise Tax (EX) | 1.5625% | 1.5625% |
| 12 | Federal Income Tax (FIT) | 34.0000% | 21.0000% new rate |
| 13 | Operating Revenue | 1.0000 | 1.0000 |
| 14 | | | |
| 15 | | 1.768973 | 1.477876 To TSK-1 |

16 **Revenue Factor Formula:**

17 1 divided by (1 minus the sum of (PUA+DRA+GRAFT+EX)-FIT(1-(PUA+DRA+GRAFT+EX)))

18 **Revenue Factor Calculation in last Base Rate Case:**

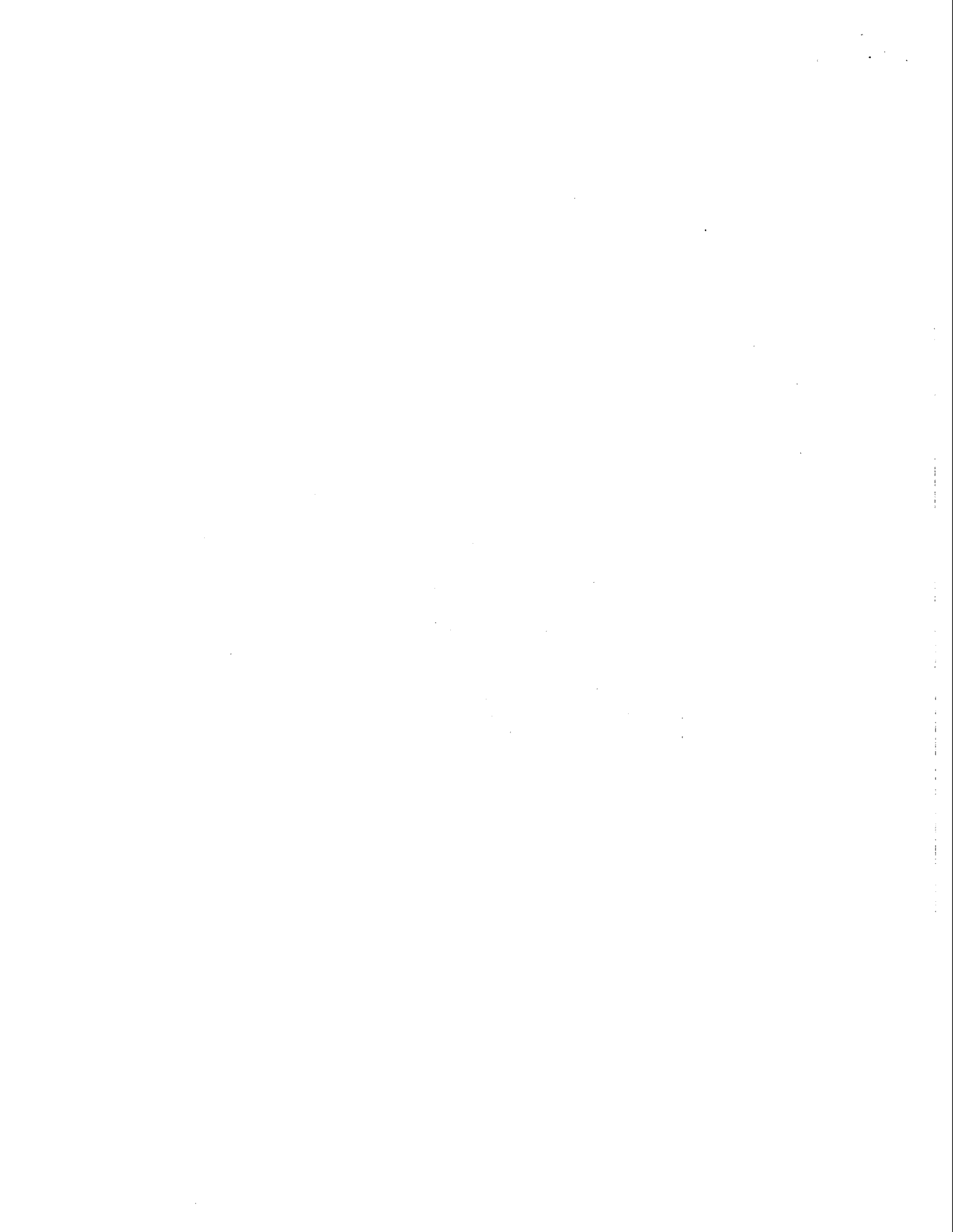
19
$$\frac{1}{1 - ((.0023461 + .00051409 + .12500 + .015625) - .34(1 - (.0023461 + .00051409 + .12500 + .015625)))}$$

20

21 **Adjusted to reflect 21% FIT rate:**

22
$$\frac{1}{1 - ((.0023461 + .00051409 + .12500 + .015625) - .21(1 - (.0023461 + .00051409 + .12500 + .015625)))}$$

23



THE ATLANTIC CITY SEWERAGE COMPANY
APPLICATION OF RATES TO PRO FORMA METER BILLING UNITS AND WATER VOLUME
AS OF DECEMBER 31, 2016 TEST PERIOD ENDED

TSK-8

| Meter Size | Meter Billing Units | REVISED for FIT Changes, effective 4/1/18 | | | | | REVISED for FIT Changes, effective 1/1/19 | | | | |
|---------------------------------|---------------------|---|-------------------------------|--------------------------------------|-------------------------|--|---|-------------------------------|--------------------------------------|-------------------------|--|
| | | REVISED Annual Fixed Charge | REVISED Fixed Charge Revenues | REVISED Volumetric Charge @ \$32.775 | REVISED Annual Revenues | Decrease in Revenue from REVISED Rates | REVISED Annual Fixed Charge | REVISED Fixed Charge Revenues | REVISED Volumetric Charge @ \$32.601 | REVISED Annual Revenues | Decrease in Revenue from REVISED Rates |
| (1) | (2) | (11) | (12) | (13) | (14) | (15) | (11) | (12) | (13) | (14) | (15) |
| 5/8*** | 5,330 | \$ 260 | \$ 1,385,800 | \$ 1,296,159 | \$ 2,681,959 | \$ (59,795) | \$ 254 | \$ 1,353,820 | \$ 1,289,261 | \$ 2,643,081 | \$ (38,878) |
| 3/4 | 1,290 | 451 | 581,790 | 740,351 | 1,322,141 | (27,394) | \$ 441 | \$ 568,890 | \$ 736,411 | 1,305,301 | \$ (16,840) |
| 1 | 359 | 1,326 | 476,034 | 596,469 | 1,072,503 | (22,673) | \$ 1,298 | \$ 465,982 | \$ 593,294 | 1,059,276 | \$ (13,227) |
| 1-1/2 | 125 | 3,270 | 408,750 | 379,226 | 787,976 | (18,460) | \$ 3,200 | \$ 400,000 | \$ 377,208 | 777,208 | \$ (10,768) |
| 2 | 157 | 6,483 | 1,017,831 | 733,580 | 1,751,411 | (43,901) | \$ 6,344 | \$ 996,008 | \$ 729,676 | 1,725,684 | \$ (25,727) |
| 3 | 53 | 15,792 | 838,976 | 664,572 | 1,501,548 | (36,697) | \$ 15,455 | \$ 819,115 | \$ 661,035 | 1,480,150 | \$ (21,398) |
| 4 | 43 | 33,215 | 1,428,245 | 1,262,221 | 2,690,466 | (63,760) | \$ 32,505 | \$ 1,397,715 | \$ 1,255,503 | 2,653,218 | \$ (37,248) |
| 6 | 35 | 107,373 | 3,758,055 | 3,859,709 | 7,617,764 | (172,656) | \$ 105,079 | \$ 3,677,765 | \$ 3,839,167 | 7,516,932 | \$ (100,832) |
| 8 | 2 | 157,896 | 315,792 | 563,619 | 879,411 | (16,689) | \$ 154,523 | \$ 309,046 | \$ 560,619 | 869,665 | \$ (9,746) |
| 10 | 1 | 253,750 | 253,750 | 165,914 | 419,664 | (10,793) | \$ 248,329 | \$ 248,329 | \$ 165,031 | 413,360 | \$ (6,304) |
| Total | 7,395 | | \$ 10,463,023 | \$ 10,261,820 | \$ 20,724,843 | \$ (472,818) | | \$ 10,236,670 | \$ 10,207,205 | \$ 20,443,875 | \$ (280,968) |
| ***Average 5/8-inch Residential | | \$ 260.00 | 9.3 Mcf | \$ 304.81 | \$ 564.81 | \$ (11.78) | \$ 254.00 | 9.3 Mcf | \$ 303.19 | \$ 557.19 | \$ (7.62) |
| | | | | | % Decrease = | -2.04% | | | | % Decrease = | -1.35% |

* Includes Collection Charge of
and Treatment Charge of

| | |
|---------------|--------------|
| April 1, 2018 | Jan. 1, 2019 |
| 8.165 | \$ 7.991 |
| 24.610 | 24.610 |
| 32.775 ** | 32.601 |

NOTE: PSTAC (treatment) rate held constant to prove revenue impact resulting from TCJA. Actual PSTAC rate is \$ 24.610

