

Petitioner's Exhibit 5

IURC
PETITIONER'S 5
EXHIBIT NO. 9-28-22
DATE REPORTER

VERIFIED SETTLEMENT TESTIMONY

OF

BEN FOLEY, CPA

ON BEHALF OF

BROWN COUNTY WATER UTILITY, INC.

CAUSE NO. 45720

**OFFICIAL
EXHIBITS**

BROWN COUNTY WATER UTILITY, INC.

VERIFIED SETTLEMENT TESTIMONY OF BEN FOLEY

- 1. Q. PLEASE STATE YOUR NAME, BUSINESS ADDRESS AND AFFILIATION WITH BROWN COUNTY WATER UTILITY, INC. ("BCW" OR "PETITIONER"), PETITIONER IN THIS CAUSE.**

A. My name is Ben Foley, and my business address is 210 West Third Street, Madison, Indiana 47250. I am an independent Certified Public Accountant and other than being employed to provide certain professional services, I am unaffiliated with Petitioner.

- 2. Q. ARE YOU THE SAME BEN FOLEY WHO PREVIOUSLY SUBMITTED VERIFIED DIRECT TESTIMONY ON BEHALF OF BCW IN THIS CAUSE?**

A. Yes.

- 3. Q. WHAT IS THE PURPOSE OF YOUR SETTLEMENT TESTIMONY?**

A. I will explain recently occurring matters which modify BCW's borrowing options. I will comment on certain provisions of the Settlement Agreement ("Settlement") entered into between BCW and the Indiana Office of the Utility Consumer Counselor ("OUCC"). Finally, I will comment on the Settlement generally

- 4. Q. WHAT HAVE YOU DONE TO PREPARE TO GIVE YOUR SETTLEMENT TESTIMONY IN THIS CAUSE?**

A. As a routine part of my business, I stay informed on various IFA/SRF loan programs available to utilities such as BCW. I have recently attended two meetings with IFA/SRF officials specific to BCW's current borrowing options. I have reviewed the Settlement and all the settlement testimony submitted in this Cause.

5. Q. HAS ANYTHING CHANGED CONCERNING BCW'S OPPORTUNITY FOR FINANCING?

A. Yes, it has. We learned BCW's project did not score within the fundable range for the traditional financing offered by SRF. Therefore, the interest rates on which our maximum annual debt service was based, in my Direct Testimony and Exhibits, would not be the rates available when BCW expects to close on its loans. We reached out to IFA to see what other funding options might be available. We learned BCW would likely be eligible to receive project funding through pooled funding. Rates for such funding are expected to be higher than traditional matrix rates, but we are unable to provide an estimate of such rates at this time. A memo summarizing that conversation is attached to this testimony as my Exhibit 5-A

6. Q. DOES THE SETTLEMENT ALLOW BCW TO OBTAIN FINANCING GIVEN THE FACT INTEREST RATES ARE NOT YET DETERMINABLE?

A. In response to this concern, the Settlement allows BCW to engage in IFA/SRF borrowing at interest rates considerably higher, up to 8.00%,

than the interest rates of 2.25% and 2.55% used to calculate BCW's Debt Service Revenue Requirement in the Settlement. Interest rates offered by the IFA/SRF have historically been deemed fair and reasonable by the Commission and the OUCC. Since BCW will only engage in an IFA/SRF borrowing program, the interest rates will be reasonable.

7. Q. HAVE YOU LEARNED OF ANY OTHER ITEMS THAT WILL IMPACT BCW'S FINANCING OPTIONS?

A. Yes. I participated on another call with the IFA on August 8, 2022, and it is expecting to offer a pooled financing in March of 2023. To allow BCW to best accomplish financing within this timeframe, BCW needs a Commission order authorizing the borrowing and rates to support debt service by the end of 2022.

8. Q. IS THERE ANYTHING ELSE REGARDING THE DEBT SERVICE REVENUE REQUIREMENT IN THE SETTLEMENT THAT MIGHT IMPACT FUNDING?

A. The IFA bases approval of the debt on rates allowing for net income available for debt coverage to be 125% of maximum debt service. The revenue requirement included in the Settlement is expected to provide coverage which will satisfy the 125% requirement. The debt service revenue requirement in the Settlement is based on a five-year average debt service, which is less than what I calculate the maximum debt

service to be. However, once the debt service reserve accounts are fully funded, that revenue would be available for debt service after 2028.

9. Q. ARE YOU FAMILIAR WITH THE RESTRICTED E&R FUND (“E&R FUND”) FOR THE PAYMENT OF CUSTOMER REQUESTED MAIN EXTENSION COSTS WHICH WAS ESTABLISHED BY THE COMMISSION’S MARCH 26, 2021, DOCKET ENTRY IN CAUSE 45210?

A. Yes.

10.Q. WHAT DO THE PARTIES PROPOSE AS A PART OF THE SETTLEMENT FOR THE E&R FUND?

A. Petitioner had proposed, in its case-in-chief, to continue to make annual contributions to the E&R Fund as part of its revenue requirement. Instead, the Parties agreed to make provisions for customer requested main extension costs incurred by Petitioner as part of Petitioner’s E&R revenue requirement and eliminate Petitioner’s continued contributions to the E&R Fund from the revenue requirement. This methodology is simpler, less burdensome and costly administer, and is consistent with language approved by the Commission which created the E&R Fund. The Parties agreed to eliminate the E&R Fund along with Petitioner’s duties regarding the E&R Fund. The Parties further agreed that any monies in the E&R

Fund will be released to Petitioner to be used to pay Petitioner's contribution to customer requested main extension costs.

11.Q. DOES THIS SETTLEMENT ADEQUATELY AND FAIRLY PROVIDE FOR THE CURRENT NEEDS OF BCW AND ITS RATEPAYERS?

A. Yes.

12.Q. DOES THE SETTLEMENT PROVIDE A REASONABLE RATE FOR THE RATEPAYERS OF BCW?

A. Yes.

13.Q. IN YOUR OPINION DOES THE SETTLEMENT SERVE THE INTERESTS OF THE PUBLIC?

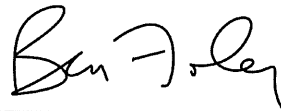
A. Yes.

14.Q. DOES THIS CONCLUDE YOUR SETTLEMENT TESTIMONY?

A. Yes.

VERIFICATION

I hereby affirm, under the penalties of perjury, that the foregoing statements, are true and correct to the best of my knowledge and belief.

A handwritten signature in black ink, appearing to read "Ben Foley", is written above a horizontal line.

Ben Foley, CPA

Date: 8/21/22

Memo: regarding telephone conference with Bill Harkins (IFA Finance Advisor), Scott Peck (Brown County Water Utility Inc., Bond Counsel), Ben Foley and Tracy Wyne (BCW Rate Consultants) and Pete King (BCW Legal Counsel).

Memo Date: July 28, 2022

Bill was helpful and informative during the call concerning the Indiana Finance Authority ("IFA") funding process and procedures.

Bill was very transparent that BCW now listed as 50th on the SRF funding list and is out of the range for the 2% interest rate at this time. He discussed the pool funding concepts with IFA.

Bill indicated that on or before August 15, 2022, SRF applicants must inform SRF if their projects will be closed within the next timeline 12 months.

BCW is not in a great spot for the fundable range at the 2 % interest rate because of unprecedented funding requests received by SRF for this round. (Almost two (2) billion dollars of projects).

SRF has setup four (4) pools to handle pool financing for the fiscal year 2022-2023. Those pool dates include a summer pool right after July 1, 2022, that is now closed. Next will be a September pool, then an October pool and finally a March 2023 pool. In order to be eligible for the October pool, an applicant must be able to close the loan before December 31, 2022.

The pool interest rate will largely be determined by the market as of the closing date of the financing. The pool funding formula will provide all funds at the time of closing.

The pool rate is likely to be at least 50 basis points above the traditional SRF funding. The traditional matrix rate just increased as of July 1, 2022, up to 2.7%. Therefore, it is likely the pool rate may be around 3.2%. This is for 20-year projects. Longer lived assets, eligible for terms up to 35 years, increase the rate by 10 basis points for each additional 5 years added to the term.

The March 2023 pool is very competitive at this point with 200 million initially collected and a large Evansville project already in the pool.

Bill suggested that we should talk again as a group in early September to see what more is known about our project and the progress at the Commission.

IURC
PETITIONER'S 6
EXHIBIT NO. 9-28-22
DATE 9-28-22 REPORTER J

**VERIFIED SETTLEMENT TESTIMONY
OF
JUSTIN HAWLEY
ON BEHALF OF
BROWN COUNTY WATER UTILITY, INC.
CAUSE NO. 45720**

1-Q. PLEASE STATE YOUR NAME AND BUSINESS ADDRESS FOR THE RECORD.

A. My name is Justin Hawley, and my business address is 5130 N. State Road 135, Morgantown, Indiana, 46160.

2-Q. ARE YOU THE SAME MR. HAWLEY WHO PREVIOUSLY OFFERED DIRECT TESTIMONY ON BEHALF OF BROWN COUNTY WATER UTILITY, INC. ("BCW" OR "PETITIONER") IN THIS CAUSE?

A. Yes

3-Q. WHAT IS THE PURPOSE OF YOUR SETTLEMENT TESTIMONY IN THIS CAUSE?

A. My testimony in this Cause is offered to explain and support the stipulations and agreements of BCW and the Indiana Office of Utility Consumer Counselor ("OUCC") (collectively, the "Settling Parties") set forth in the Stipulation and Settlement Agreement ("Settlement").

4-Q. WHAT HAVE YOU DONE IN PREPARATION TO GIVE YOUR SETTLEMENT TESTIMONY IN THIS CAUSE?

A. In addition to my detailed personal knowledge of BCW and its operations, I have discussed matters pertinent to this Cause with BCW's Board, BCW's accountant, engineer and counsel. Among other things, I have reviewed the Settlement Testimonies of Mr. Foley and the OUCC, and the Settlement.

5-Q. AFTER REVIEW OF THE PROPOSED SETTLEMENT, HAVE YOU DETERMINED IT IS IN THE BEST INTEREST OF BCW?

A. Yes, because the Settlement allows BCW to move forward with its system improvement program, which are much needed improvements to the BCW system.

6-Q. WAS A CUSTOMER NOTICE SENT TO THE CUSTOMERS OF BCW CONCERNING THE FILING OF THIS RATE PETITION?

A. Yes.

7-Q. WHEN, SIR, DID THAT OCCUR?

A. I have personal knowledge that the Customer Notice which was attached to my Verified Direct Testimony, Petitioner's Exhibit 2, as Exhibit 2-M was mailed to all customers of BCW on or about June 1, 2022.

8-Q. IS IT IMPORTANT FOR BCW TO PARTICIPATE IN THE STATE REVOLVING LOAN FUND ("SRF") SPRING POOL OF 2023?

**OFFICIAL
EXHIBITS**

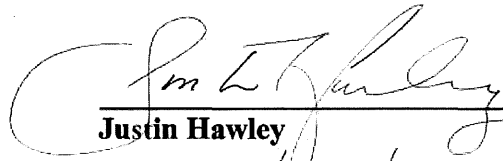
A. Yes. I understand that the next opportunity BCW would have to participate in the SRF program would be the Spring Pool in March of 2023. It is my understanding that the SRF Spring Pool will offer BCW the best opportunity to secure the most cost-effective interest rate and financing under the current SRF program fund.

9-Q. DOES THIS CONCLUDE YOUR SETTLEMENT TESTIMONY?

A. Yes.

VERIFICATION

I hereby affirm, under the penalties for perjury, that the foregoing statements are true and correct to the best of my knowledge and belief.


Justin Hawley
Date: 8/19/22

Brown County Water

IURC inquiry

IURC
PETITIONER'S
EXHIBIT NO. 9-28-88
DATE REPORTER

Q1. In the original petition and subsequent settlement agreement, the annual request of \$124,320 for well and well pump maintenance assumed maintenance would occur on seven wells annually at a total cost of \$17,760 per well. We have subsequently discovered errors in our assumptions that should be corrected. We inadvertently included seven wells in the calculation, but two of those wells are no longer in service. Furthermore, we excluded the planned addition of a new well in the proposed capital improvement project. The second error was assuming each well requires annual cleaning. Well cleaning is performed based on flow test results, and while it is possible all wells could require cleaning each year, the utility has historically serviced one or two wells per year based on the results of such tests.

To correct these errors, we propose the following revisions:

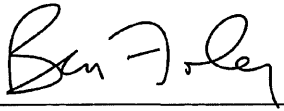
1. The cost of a complete servicing of a well and well pump of \$17,760 as presented in the original case in chief is not supported by the most current information available. Based on the most current information from Bastin Logan, BCW's contractor that normally provides this service, to provide flow testing, cleaning, and rebuilding a well pump for each type of well on their system, the weighted average cost per well is \$20,632. See attachment for the calculation of the weighted average per well. The new well has not yet been engineered, so we have assumed the new well will be the vertical turbine style so that BCW will have adequate rates to service the more costly well. In discussions with the OUCC, we have agreed to a cost per well of \$21,000. The total expected cost for well cleaning and routine and periodic well pump maintenance for 6 wells is expected to be \$126,000. We propose a 3-year amortization period (the period used by the parties in Cause No. 45210) to provide necessary funds for the utility to have those services performed on two wells per year. See the revised funding calculation attached.
2. The accumulated existing balance in the restricted account for well and well pump maintenance was not initially considered when determining the additional reserve requirement in the original petition and subsequent settlement agreement. Based on information that the utility will service two wells per year, we propose allowing rates to fund the restricted account for one well (\$21,000) and using existing funds in the restricted account for well maintenance to fund those charges for the second well. Assuming the life of the proposed rates is 5 years, the expected reduction in the accumulated restricted account funds over the life of the rates would be \$105,000, leaving an expected balance of \$62,000 in the restricted account to allow the utility to fund any unanticipated costs for well and well pump maintenance and repair. We have attached a schedule of our calculation of the expected balance of the restricted account.

Q2. See attached amortization schedules and the Schedule of Combined Annual Debt Service for the proposed Series A and Series B bond issuances based on the maximum debt terms as stated in the settlement agreement.

OFFICIAL
EXHIBITS

VERIFICATION

I hereby affirm, under the penalties of perjury, that the foregoing statements, are true and correct to the best of my knowledge and belief.

A handwritten signature in black ink, appearing to read "Ben Foley", is written over a horizontal line.

Ben Foley, CPA

9/23/22

Date

Brown County Water
Well Maintenance Estimate

Per Bastin Logan

Per Vertical Turbine

Flow Testing	642.00
Cleaning	11,987.00
Rebuild pump	<u>10,000.00</u>
	22,629.00
# of wells	<u>4.00</u>
	<u>90,516.00</u>

Per Submersible

Flow Testing	642.00
Cleaning	10,997.00
Rebuild pump	<u>5,000.00</u>
	16,639.00
# of wells	<u>2.00</u>
	<u>33,278.00</u>

Total Cost for 6 Wells	123,794.00
# of wells	<u>6.00</u>
Weighted Average Cost per Well	<u><u>20,632.33</u></u>

Brown County Water Utility, Inc.

Calculation of Maintenance Reserve Accounts

Source of Supply expenses have been adjusted to reflect maintenance of the water storage facilities.

	Capacity (Gallons)	Estimated Maintenance Costs	Life (Years)	Annual Cost
Selmar - Ground	100,000	\$ 172,500	15	\$ 11,500
Spicer Tower - Elevated	250,000	287,500	15	19,167
Freeman Ridge - Elevated	250,000	287,500	15	19,167
Cottonwood - Elevated	150,000	230,000	15	15,333
Butler - Standpipe	75,000	172,500	15	11,500
Carmel Ridge - Standpipe	400,000			2,400
Lanam Ridge - Elevated	750,000			<u>2,400</u>
Annual Reserve for Tank Maintenance				81,467
Tank Maintenance Expense for the Year Ended 8/31/21				<u>8,475</u>
Additional Tank Maintenance Reserve				<u>\$ 72,992</u>

This section has been revised.

Source of Supply expenses have been adjusted to reflect expected well cleaning and maintenance of well pumps.

Cost to clean and provide routine and periodic maintenance for wells and well pumps	\$ 21,000	
Number of Wells	<u>6</u>	
		126,000
Amortization period		<u>3</u>
Annual Reserve for Well and Well Pump Maintenance		42,000
To Be Funded from Existing Restricted Account		<u>21,000</u>
Annual Reserve for Wells and Well Pump Maintenance		21,000
Well and Pump Maintenance Expense for the Year Ended 8/31/21		<u>26,240</u>
Reduction to Well and Well Pump Reserve		<u>\$ (5,240)</u>
Total Additional Reserve for Tank, Well, and Well Pump Maintenance		<u>\$ 67,752</u>

Brown County Water
Well Maintenance Restricted Account

Balance 12/31/21 per 2021 IURC Annual Report	\$ 167,380.00
Proposed Annual Funding	21,000.00
Expected Annual Uses	<u>(42,000.00)</u>
Year 1 Balance	146,380.00
Proposed Annual Funding	21,000.00
Expected Annual Uses	<u>(42,000.00)</u>
Year 2 Balance	125,380.00
Proposed Annual Funding	21,000.00
Expected Annual Uses	<u>(42,000.00)</u>
Year 3 Balance	104,380.00
Proposed Annual Funding	21,000.00
Expected Annual Uses	<u>(42,000.00)</u>
Year 4 Balance	83,380.00
Proposed Annual Funding	21,000.00
Expected Annual Uses	<u>(42,000.00)</u>
Year 5 Balance	<u>\$ 62,380.00</u>

Brown County Water Utility, Inc.

Schedule of Combined Annual Debt Service and Maximum Annual Debt Service

Bond Year	USDA Rural Development 91-01	USDA Rural Development 91-02	SRF 2016	2022 Series A Proposed SRF	2022 Series B Proposed SRF	Combined Annual Debt Service
2021	\$ 217,632	\$ 16,764	\$ 495,740	\$ -	\$ -	\$ 730,136
2022	217,632	16,764	496,520	-	-	730,916
2023	217,631	16,764	496,140	107,800	168,000	1,006,335
2024	217,631	16,764	496,620	214,800	299,000	1,244,815
2025	217,632	16,764	495,940	246,490	311,120	1,287,946
2026	217,632	16,764	496,120	246,562	311,200	1,288,278
2027	217,631	16,764	496,140	247,250	311,120	1,288,905
2028	217,632	16,764	496,000	247,474	310,880	1,288,750
2029	217,631	16,764	496,700	247,238	311,480	1,289,813
2030	217,632	16,764	496,220	247,538	310,840	1,288,994
2031	217,632	16,764	496,580	247,300	311,040	1,289,316
2032	217,632	16,764	495,760	247,524	311,000	1,288,680
2033	217,631	16,764	495,780	248,130	311,720	1,290,025
2034	217,632	16,764	496,620	248,044	311,120	1,290,180
2035	217,632	16,764	496,260	248,266	311,280	1,290,202
2036	217,632	16,764	495,720	247,716	311,120	1,288,952
2037	217,632	16,764	-	248,398	311,640	794,434
2038	217,631	16,764	-	248,154	311,760	794,309
2039	217,632	16,764	-	248,988	311,480	794,864
2040	217,632	16,764	-	248,742	311,800	794,938
2041	217,632	16,764	-	249,420	311,640	795,456
2042	217,632	16,764	-	249,864	312,000	796,260
2043	217,631	16,759	-	-	312,800	547,190
2044	217,631	16,760	-	-	312,960	547,351
2045	217,632	16,765	-	-	312,480	546,877
2046	217,632	16,764	-	-	313,360	547,756
2047	217,632	16,763	-	-	313,440	547,835
2048	217,632	16,764	-	-	313,720	548,116
2049	217,631	16,763	-	-	313,120	547,514
2050	167,718	15,423	-	-	313,640	496,781
2051	-	-	-	-	314,120	314,120
2052	-	-	-	-	314,480	314,480
2053	-	-	-	-	314,640	314,640
2054	-	-	-	-	314,520	314,520
2055	-	-	-	-	315,040	315,040
2056	-	-	-	-	316,040	316,040
2057	-	-	-	-	315,360	315,360
	<u>\$ 6,479,037</u>	<u>\$ 501,569</u>	<u>\$ 7,938,860</u>	<u>\$ 4,785,698</u>	<u>\$10,780,960</u>	<u>\$30,486,124</u>

Maximum Annual Debt Service - Combined
Maximum Annual Debt Service - RD Only
Maximum Annual Debt Service - Proposed SRF
(Reserve for 2016 SRF is fully funded.)

\$ 1,290,202
<u>\$ 234,397</u>
<u>\$ 561,864</u>

Brown County Water Utility, Inc.
Amortization Schedule - Proposed State Revolving Fund Loan, Series A

Date of Loan: 12/1/2022
Terms: Monthly
Interest Rate 7.700%

Date	New Draws	Principal	Interest Rate	Interest	Principal Balance	Annual Debt Service
12/1/2022					\$ 2,400,000	
1/1/2023		-	7.700%	15,400	2,400,000	
7/1/2023		-	7.700%	92,400	2,400,000	107,800
1/1/2024		-	7.700%	92,400	2,400,000	
7/1/2024		30,000	7.700%	92,400	2,370,000	214,800
1/1/2025		-	7.700%	91,245	2,370,000	
7/1/2025		64,000	7.700%	91,245	2,306,000	246,490
1/1/2026		-	7.700%	88,781	2,306,000	
7/1/2026		69,000	7.700%	88,781	2,237,000	246,562
1/1/2027		-	7.700%	86,125	2,237,000	
7/1/2027		75,000	7.700%	86,125	2,162,000	247,250
1/1/2028		-	7.700%	83,237	2,162,000	
7/1/2028		81,000	7.700%	83,237	2,081,000	247,474
1/1/2029		-	7.700%	80,119	2,081,000	
7/1/2029		87,000	7.700%	80,119	1,994,000	247,238
1/1/2030		-	7.700%	76,769	1,994,000	
7/1/2030		94,000	7.700%	76,769	1,900,000	247,538
1/1/2031		-	7.700%	73,150	1,900,000	
7/1/2031		101,000	7.700%	73,150	1,799,000	247,300
1/1/2032		-	7.700%	69,262	1,799,000	
7/1/2032		109,000	7.700%	69,262	1,690,000	247,524
1/1/2033		-	7.700%	65,065	1,690,000	
7/1/2033		118,000	7.700%	65,065	1,572,000	248,130
1/1/2034		-	7.700%	60,522	1,572,000	
7/1/2034		127,000	7.700%	60,522	1,445,000	248,044
1/1/2035		-	7.700%	55,633	1,445,000	
7/1/2035		137,000	7.700%	55,633	1,308,000	248,266
1/1/2036		-	7.700%	50,358	1,308,000	
7/1/2036		147,000	7.700%	50,358	1,161,000	247,716
1/1/2037		-	7.700%	44,699	1,161,000	
7/1/2037		159,000	7.700%	44,699	1,002,000	248,398
1/1/2038		-	7.700%	38,577	1,002,000	
7/1/2038		171,000	7.700%	38,577	831,000	248,154
1/1/2039		-	7.700%	31,994	831,000	
7/1/2039		185,000	7.700%	31,994	646,000	248,988
1/1/2040		-	7.700%	24,871	646,000	

7/1/2040	199,000	7.700%	24,871	447,000	248,742
1/1/2041	-	7.700%	17,210	447,000	
7/1/2041	215,000	7.700%	17,210	232,000	249,420
1/1/2042	-	7.700%	8,932	232,000	
7/1/2042	<u>232,000</u>	7.700%	<u>8,932</u>	-	<u>249,864</u>

\$ 2,400,000

\$ 2,385,698

\$ 4,785,698

Brown County Water Utility, Inc.
Amortization Schedule - Proposed State Revolving Fund Loan Series B

Date of Loan: 12/1/2022
Terms: Monthly
Interest Rate: 8.000%

Date	New Draws	Principal	Interest Rate	Interest	Principal Balance	Annual Debt Service
12/1/2022					\$ 3,600,000	
1/1/2023		-	8.000%	24,000	3,600,000	
7/1/2023		-	8.000%	144,000	3,600,000	168,000
1/1/2024		-	8.000%	144,000	3,600,000	
7/1/2024		11,000	8.000%	144,000	3,589,000	299,000
1/1/2025		-	8.000%	143,560	3,589,000	
7/1/2025		24,000	8.000%	143,560	3,565,000	311,120
1/1/2026		-	8.000%	142,600	3,565,000	
7/1/2026		26,000	8.000%	142,600	3,539,000	311,200
1/1/2027		-	8.000%	141,560	3,539,000	
7/1/2027		28,000	8.000%	141,560	3,511,000	311,120
1/1/2028		-	8.000%	140,440	3,511,000	
7/1/2028		30,000	8.000%	140,440	3,481,000	310,880
1/1/2029		-	8.000%	139,240	3,481,000	
7/1/2029		33,000	8.000%	139,240	3,448,000	311,480
1/1/2030		-	8.000%	137,920	3,448,000	
7/1/2030		35,000	8.000%	137,920	3,413,000	310,840
1/1/2031		-	8.000%	136,520	3,413,000	
7/1/2031		38,000	8.000%	136,520	3,375,000	311,040
1/1/2032		-	8.000%	135,000	3,375,000	
7/1/2032		41,000	8.000%	135,000	3,334,000	311,000
1/1/2033		-	8.000%	133,360	3,334,000	
7/1/2033		45,000	8.000%	133,360	3,289,000	311,720
1/1/2034		-	8.000%	131,560	3,289,000	
7/1/2034		48,000	8.000%	131,560	3,241,000	311,120
1/1/2035		-	8.000%	129,640	3,241,000	
7/1/2035		52,000	8.000%	129,640	3,189,000	311,280
1/1/2036		-	8.000%	127,560	3,189,000	
7/1/2036		56,000	8.000%	127,560	3,133,000	311,120
1/1/2037		-	8.000%	125,320	3,133,000	
7/1/2037		61,000	8.000%	125,320	3,072,000	311,640
1/1/2038		-	8.000%	122,880	3,072,000	
7/1/2038		66,000	8.000%	122,880	3,006,000	311,760
1/1/2039		-	8.000%	120,240	3,006,000	
7/1/2039		71,000	8.000%	120,240	2,935,000	311,480
1/1/2040		-	8.000%	117,400	2,935,000	

7/1/2040	77,000	8.000%	117,400	2,858,000	311,800
1/1/2041	-	8.000%	114,320	2,858,000	
7/1/2041	83,000	8.000%	114,320	2,775,000	311,640
1/1/2042	-	8.000%	111,000	2,775,000	
7/1/2042	90,000	8.000%	111,000	2,685,000	312,000
1/1/2043	-	8.000%	107,400	2,685,000	
7/1/2043	98,000	8.000%	107,400	2,587,000	312,800
1/1/2044	-	8.000%	103,480	2,587,000	
7/1/2044	106,000	8.000%	103,480	2,481,000	312,960
1/1/2045	-	8.000%	99,240	2,481,000	
7/1/2045	114,000	8.000%	99,240	2,367,000	312,480
1/1/2046	-	8.000%	94,680	2,367,000	
7/1/2046	124,000	8.000%	94,680	2,243,000	313,360
1/1/2047	-	8.000%	89,720	2,243,000	
7/1/2047	134,000	8.000%	89,720	2,109,000	313,440
1/1/2048	-	8.000%	84,360	2,109,000	
7/1/2048	145,000	8.000%	84,360	1,964,000	313,720
1/1/2049	-	8.000%	78,560	1,964,000	
7/1/2049	156,000	8.000%	78,560	1,808,000	313,120
1/1/2050	-	8.000%	72,320	1,808,000	
7/1/2050	169,000	8.000%	72,320	1,639,000	313,640
1/1/2051	-	8.000%	65,560	1,639,000	
7/1/2051	183,000	8.000%	65,560	1,456,000	314,120
1/1/2052	-	8.000%	58,240	1,456,000	
7/1/2052	198,000	8.000%	58,240	1,258,000	314,480
1/1/2053	-	8.000%	50,320	1,258,000	
7/1/2053	214,000	8.000%	50,320	1,044,000	314,640
1/1/2054	-	8.000%	41,760	1,044,000	
7/1/2054	231,000	8.000%	41,760	813,000	314,520
1/1/2055	-	8.000%	32,520	813,000	
7/1/2055	250,000	8.000%	32,520	563,000	315,040
1/1/2056	-	8.000%	22,520	563,000	
7/1/2056	271,000	8.000%	22,520	292,000	316,040
1/1/2057	-	8.000%	11,680	292,000	
7/1/2057	<u>292,000</u>	8.000%	<u>11,680</u>	-	<u>315,360</u>

\$ 3,600,000

\$ 7,180,960

\$ 10,780,960