TOWN OF WHITESTOWN WATERWORKS UTILITY

Cost of Service Rate Study/Rate Design

May 14, 2013

Reedy Financial Group P.C.
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Certified Public Accountant • Consultants

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Executive Summary

May 14, 2013

Town of Whitestown
Town Council
6320 S. Cozy Lane
Whitestown, Indiana 46075

Dear Council:

The purpose of this report is to estimate the Waterworks cash flow and financial capacity to meet its on-going revenue requirements for operation and maintenance expenses, present and proposed debt service payments and to make capital improvements to the system. This report is based on data for the twelve months ended December 31, 2012. The historical information used in this report was adjusted as necessary for fixed, known and measurable items as disclosed in the supplemental schedules of this report.

The summarized historical financial statements for the twelve months ended December 31, 2012, and supplemental data are not intended to constitute an adequate presentation of the financial position, the results of operations in accordance with generally accepted accounting principles. They have not been audited by use; therefore, we do not express an opinion or any other form of assurance thereon.

Cost of Service Study

The following are components of the cost of service study:

Page 1-2 The total rate base by different functions of the water utility is $14,508,225. The Report also shows the allocation of the rate base to the functions of commodity, capacity, actual customer, meters and services, and fire protection.

Pages 3-4 Shows the total revenue requirements allocated to the different functions based on the percentages calculated on page 1-2

The revenue requirements includes funding the water utility at the 2012 level, increases extension and replacements/depreciation due to the requirements of the water utility, and provides funding for the 2013 SRF Bonds, and 2013 RD Bonds. Total revenue requirements are listed at the bottom of page 4 totaling $1,900,203.

Page 5 The water utilities 2012 test year revenue $1,835,090 by customer class. This schedule is used to calculate the rate adjustment on page 8.

Page 6 The allocation of the rate base to the customer classes as follows:

Residential	$9.4 million
Commercial	$5.1 million

Page 7 The allocation of the net revenue requirements to the customer classifications is as follows:

Residential	$1,289,708
Commercial	$ 610,499

Page 8 The summary of the allocation of the water cost of service study shows an overall rate increase of 3.5%: Residential -1.5%, Commercial 16.2%

Page 9 The coverage calculation requirement for the water utilities bonds is 141% with the cost of service rate study.

Rate Design

At the May 7, 2013, Council workshop, the declining rate design was selected as the best alternative. The following are impacts for the declining rate design.

Size	Consumption	North	South In Town	South Out of Town
Residential:				
5/8"-3/4"	2,000 gallons	($.87)	($19.56)	($22.43)
	4,000 gallons	$2.25	($17.54)	($20.41)
	7,000 gallons	$6.94	($14.50)	($17.37)
Commercial:				
1"	10,000 gallons	($2.11)	($36.12)	($48.70)
	50,000 gallons	$96.92	$44.91	$32.33
2"	15,000 gallons	($3.18)	($52.45)	($100.44)
	75,000 gallons	$207.37	$105.75	$57.76

Pages 10-12 show the schedule of rate blocks and minimum charges.

Appendix A contains the Waterworks' current and proposed debt service schedules.

Appendix B contains the Salary Schedule.

Appendix C contains the revenue requirement adjustments.

Appendix D contains the unaudited financial statements for 2012 and 2011.

Appendix E contains supplemental Cost of Service worksheets.

Please call or email with questions or comments.

Sincerely,

Eric F. Reedy, CPA
Reedy Financial Group, PC

cc: Mr. Tom Combiths, Town Manager
Mr. Jason Lawson, Utility Superintendant
Mr. Chris Janak, Bose McKinney & Evans LLP
Mr. Steve Unger, Bose McKinney & Evans LLP
Mr. Dennis Otten, Bose McKinney $ Evans LLP
Mr. Dan Cutshaw, GRW Engineers Inc.
Mr. Andrew Lanam, Reedy Financial Group PC
Ms. Lindsey Fish, Reedy Financial Group PC

Whitestown Municipal Utilities
Water Utility

Cost of Service Rate Study

	Page
Functionalization and Classification of Plant In-Service	1 - 2
Functionalization and Classification of the Net Revenue Requirements	3 - 4
Development of Revenue Related Allocation Factor	5
Allocation of Plant In-Service (Rate Base)	6
Allocation of the Net Revenue Requirements (Cash Basis)	7
Summary of Average Embedded Water Cost of Service Study	8
Coverage Calculation	9
Rate Blocks	10 - 12
Appendix A	
Comparative Debt Service Schedule	A-1
Amortization Schedules	
Proposed Waterworks Revenue Bonds, Series 2013	A-2
Proposed USDA Rural Development Loan	A-3
Waterworks Revenue Bonds, Series 2010	A-4
Waterworks Revenue Bonds, Series 2009	A-5
2005 State Revolving Fund Loan	A-6
Water Revenue Bonds of 1997	A-7
Appendix B	
Salary Schedule	B-1
Appendix C	
Revenue Requirement Adjustments	C-1 to C-8
Appendix D	
Financial Statements (Unaudited)	D-1 to D-2
Appendix E	
Cost of Service Worksheets	
Development of Commodity Allocation Factor	E-1
Development of Capacity Allocation Factor	E-2
Development of Customer Allocation Factor	E-3
Development of Public Fire Protection Allocation Factor	E-4

Whitestown Municipal Utilities
Water Utility

Functionalization and Classification of Plant In-Service

Account	Total Rate Base	Commodity (COM)	Capacity (CAP)	Actual Customer (AC)	Weighted for: Customer Accounting (WCA)	Weighted for: Meters & Services (WCMS)	Fire Protection (PFP)
Source of Supply							
Land & Land Rights	$ 96,474	$ 38,590	$ 57,884	$ -	$ -	$ -	$ -
Structures & Improvements	476,401	190,560	285,841	-	-	-	-
Galleries and Tunnels	9,562,290	3,824,916	5,737,374	-	-	-	-
Total Source of Supply	$ 10,135,165	$ 4,054,066	$ 6,081,099	$ -	$ -	$ -	$ -
Transmission & Distribution							
Land & Land Rights	$ 287,891	$ -	$ 155,461	$ 51,820	$ -	$ 34,547	$ 46,063
Distribution Storage	9,084,049	2,452,693	3,724,460	-	-	-	2,906,896
Mains	1,035,362	-	538,388	331,316			165,658
Meters	5,000,000	-	-	-	-	5,000,000	-
Hydrants	1,520,000	-	-	-	-	-	1,520,000
Total Transmission & Distribution	$ 16,927,302	$ 2,452,693	$ 4,418,309	$ 383,136	$ -	$ 5,034,547	$ 4,638,616
	100.0%	14.5%	26.1%	2.3%	0.0%	29.7%	27.4%
Total Supply, Treatment, T&D Plant	$ 27,062,467	$ 6,506,759	$ 10,499,408	$ 383,136	$ -	$ 5,034,550	$ 4,638,616
% Total Supply, Treatment, T&D Plant	100.0%	24.0%	38.8%	1.4%	0.0%	18.6%	17.1%
General Plant							
Structures	$ 7,516	$ 1,807	$ 2,916	$ 106	$ -	$ 1,398	$ 1,288
Office Equipment	66,815	16,065	25,922	946	-	12,430	11,452
Vehicles	153,876	36,997	59,699	2,179	-	28,626	26,375
Equipment	17,150	4,124	6,654	243	-	3,191	2,940
Lab Equipment	12,902	3,102	5,006	183	-	2,400	2,211
Total General Plant	$ 258,261	$ 62,095	$ 100,197	$ 3,656	$ -	$ 48,045	$ 44,267
TOTAL PLANT IN SERVICE	$ 27,320,727	$ 6,568,854	$ 10,599,605	$ 386,792	$ -	$ 5,082,595	$ 4,682,883
% OF TOTAL PLANT IN SERVICE	100.0%	24.0%	38.8%	1.4%	0.0%	18.6%	17.1%

Whitestown Municipal Utilities
Water Utility

Functionalization and Classification of Plant In-Service

Account	Total Rate Base	Commodity (COM)	Capacity (CAP)	Actual Customer (AC)	Weighted for: Customer Accounting (WCA)	Weighted for: Meters & Services (WCMS)	Fire Protection (PFP)
Less: Accumulated Depreciation							
Source of Supply Plant	$ (1,563,242)	$ (625,297)	$ (937,945)	$ -	$ -	$ -	$ -
Transmission & Distribution Plant	(1,687,606)	(405,759)	(654,740)	(23,892)	-	(313,953)	(289,263)
General Plant	(109,252)	(26,268)	(42,386)	(1,547)	-	(20,325)	(18,726)
Total Accumulated Depreciation	$ (3,360,100)	$ (1,057,324)	$ (1,635,071)	$ (25,439)	$ -	$ (334,277)	$ (307,989)
Less: Contributions in Aid							
Galleries and Tunnels	$ (3,887,708)	$ (1,555,083)	$ (2,332,625)				
Distribution Storage	(1,771,006)	(478,172)	(726,112)				(566,722)
Meters	(3,793,688)	-	-	-	-	(3,793,688)	-
Total Contributions in Aid	$ (9,452,402)	$ (2,033,255)	$ (3,058,737)	$ -	$ -	$ (3,793,688)	$ (566,722)
TOTAL RATE BASE	$ 14,508,225	$ 3,478,275	$ 5,905,797	$ 361,353	$ -	$ 954,629	$ 3,808,172
% TOTAL RATE BASE	100.0%	24.0%	40.7%	2.5%	0.0%	6.6%	26.2%

Whitestown Municipal Utilities
Water Utility

Functionalization and Classification of the Net Revenue Requirements

Account	Total Revenue Requirements	Commodity (COM)	Capacity (CAP)	Actual Customer (AC)	Weighted for: Customer Accounting (WCA)	Weighted for: Meters & Services (WCMS)	Fire Protection (PFP)	Revenue Related (RR)
Source of Supply / Treatment Expenses								
Purchased water	$ 424,681	$ 169,872	$ 254,808	$ -	$ -	$ -	$ -	$ -
Salaries/wages & FICA	25,756	10,302	15,454	-	-	-	-	-
Operating supply and expense	20,411	8,164	12,247					
Electric	29,880	29,880	-	-	-	-	-	-
TOTAL SUPPLY / TREATMENT EXPENSE	$ 500,728	$ 218,219	$ 282,509	$ -	$ -	$ -	$ -	$ -
Distribution Expenses								
Salaries/wages & FICA	$ 71,739	$ 10,395	$ 18,725	$ 1,624	$ -	$ 21,337	$ 19,659	$ -
TOTAL DISTRIBUTION EXPENSE	$ 71,739	$ 10,395	$ 18,725	$ 1,624	$ -	$ 21,337	$ 19,659	$ -
Customer Accounting								
Salaries/wages & FICA	$ 52,527	$ -	$ -	$ -	$ 52,527	$ -	$ -	$ -
TOTAL ACCOUNTING / COLLECTIONS EXPENSE	$ 52,527	$ -	$ -	$ -	$ 52,527	$ -	$ -	$ -
TOTAL O&M & CUSTOMER ACCOUNTING EXPENSE	$ 624,994	$ 228,614	$ 301,234	$ 1,624	$ 52,527	$ 21,337	$ 19,659	$ -
	100.00%	36.58%	48.20%	0.26%	8.40%	3.41%	3.15%	0.00%
Administrative & General Expenses								
Salaries/wages & FICA	$ 40,400	$ 14,778	$ 19,472	$ 105	$ 3,395	$ 1,379	$ 1,271	$ -
Employee benefits - pension	13,330	4,876	6,425	35	1,120	455	419	
Office supplies and expense	5,271	1,928	2,540	14	443	180	166	-
Outside Services	140,861	51,525	67,892	366	11,839	4,809	4,431	-
Insurance	28,476	10,416	13,725	74	2,393	972	896	-
Transportation	34,582	12,650	16,668	90	2,906	1,181	1,088	-
Miscellaneous general expense	40,000	14,631	19,279	104	3,362	1,366	1,258	-
TOTAL ADMINISTRATIVE & GENERAL EXPENSE	$ 302,920	$ 110,804	$ 146,001	$ 787	$ 25,459	$ 10,341	$ 9,528	$ -
TOTAL O&M EXPENSE	$ 927,913	$ 339,418	$ 447,234	$ 2,411	$ 77,986	$ 31,678	$ 29,187	$ -

Whitestown Municipal Utilities
Water Utility

Functionalization and Classification of the Net Revenue Requirements

Account	Total Revenue Requirements	Commodity (COM)	Capacity (CAP)	Actual Customer (AC)	Weighted for: Customer Accounting (WCA)	Weighted for: Meters & Services (WCMS)	Fire Protection (PFP)	Revenue Related (RR)
Taxes								
Indiana Utilities Receipt Tax	$ 28,885	$ -	$ -	$ -	$ -	$ -	$ -	$ 28,885
Social security taxes	14,567	5,328	7,021	38	1,224	497	458	-
PILOT	71,826	-	-	-	-	-	-	71,826
TOTAL TAXES EXPENSE	$ 115,278	$ 5,328	$ 7,021	$ 38	$ 1,224	$ 497	$ 458	$ 100,711
Debt Service								
SWAF	$ 8,886	$ 3,554	$ 5,332	$ -	$ -	$ -	$ -	$ -
SWAF Interest Expense	1,512	605	907	-	-	-	-	-
2005 SRF	61,000	24,400	36,600	-	-	-	-	-
2005 SRF Interest Expense	22,019	8,807	13,211	-	-	-	-	-
2009 SRF	155,000	62,000	93,000	-	-	-	-	-
2009 SRF Interest Expense	77,402	30,961	46,441	-	-	-	-	-
2010 SRF	65,000	26,000	39,000	-	-	-	-	-
2010 SRF Interest Expense	25,856	10,342	15,514	-	-	-	-	-
Proposed 2013 SRF	135,000	36,450	55,350	-	-	-	43,200	-
Proposed 2013 SRF Interest Expense	54,700	14,769	22,427	-	-	-	17,504	-
Proposed Rural Development Loan	5,000	2,000	3,000	-	-	-	-	-
Proposed Rural Development Loan Interest Expense	15,638	6,255	9,383	-	-	-	-	-
Total Debt Service	$ 627,012	$ 226,144	$ 340,164	$ -	$ -	$ -	$ 60,704	$ -
Cash Financed Capital Additions								
Extensions and Replacements / Depreciation	$ 230,000	$ 20,240	$ 101,200	$ 38,410	$ -	$ 42,550	$ 27,600	$ -
** Consider increasing up to 2% UPIS	$ 546,415							
TOTAL REVENUE REQUIREMENT	$ 1,900,203	$ 591,130	$ 895,620	$ 40,859	$ 79,210	$ 74,725	$ 117,949	$ 100,711
Less: Miscellaneous Revenue								
Operating Income								
Interest Income								
Miscellaneous Revenues								
TOTAL NET REVENUE REQUIREMENT	$ 1,900,203	$ 591,130	$ 895,620	$ 40,859	$ 79,210	$ 74,725	$ 117,949	$ 100,711

Whitestown Municipal Utilities
Water Utility

Development of Revenue Related Allocation Factor

Customer Class		Revenues at Present Rates		% of Total
Residential		$ 1,309,832		71.38%
Commercial		525,258		28.62%
TOTAL		$ 1,835,090		100.00%

Allocation Factor

(REV-1)

Whitestown Municipal Utilities
Water Utility

Allocation of Plant In-Service (Rate Base)

Cost Component	Total	Residential	Commercial	*Basis of Classification*
Commodity Related	$ 3,478,275	$ 2,096,335	$ 1,381,941	COMM-1
Capacity Related	5,905,797	4,124,445	1,781,353	CAP-1
Customer Related				
-Actual Customer	361,353	336,179	25,175	CUST-1
-Weighted for:				
Customer Accounting	-	-	-	CUST-2
Meters & Services	954,629	801,062	153,568	CUST-3
Total Customer Related	1,315,983	1,137,241	178,742	
Public Fire Protection	3,808,172	2,071,111	1,737,061	PFP-1
Total Rate Base	$ 14,508,228	$ 9,429,131	$ 5,079,097	

Whitestown Municipal Utilities
Water Utility

Allocation of the Net Revenue Requirements (Cash Basis)

Cost Component	Total	Residential	Commercial	*Basis of Classification*
Commodity Related	$ 591,130	$ 356,270	$ 234,860	COMM-1
Capacity Related	$ 895,620	$ 625,476	$ 270,144	CAP-1
Customer Related				
-Actual Customer	$ 40,859	$ 38,012	$ 2,847	CUST-1
-Weighted for:				
Customer Accounting	$ 79,210	$ 71,211	$ 7,999	CUST-2
Meters & Services	$ 74,725	$ 62,705	$ 12,021	CUST-3
Total Customer Related	$ 194,794	$ 171,928	$ 22,866	
Public Fire Protection	$ 117,949	$ 64,148	$ 53,801	PFP-1
Revenue Related	$ 100,711	$ 71,884	$ 28,826	REV-1
Total Net Revenue Requirements	$ 1,900,203	$ 1,289,706	$ 610,497	

Whitestown Municipal Utilities
Water Utility

Summary of Average Embedded Water Cost of Service Study

Description	Total	Residential	Commercial	Source
Revenues at Present Rates	$ 1,835,090	$ 1,309,832	$ 525,258	Revenue Related Allocation Factor
Allocated Revenue Requirement	$ 1,900,203	$ 1,289,706	$ 610,497	Allocation of Net Revenue Requirements
Balance/(Deficiency) of Funds	$ (65,113)	$ 20,126	$ (85,240)	
Less: Cost of Service Fire Charges	$ (127,068)	$ (80,272)	$ (46,796)	
Allocated Metered Sales Revenue Requirement	$ 1,773,135	$ 1,209,434	$ 563,701	
% Change Over Present Rates	3.5%	-1.5%	16.2%	

Whitestown Municipal Utilities
Water Utility

	Test Year	Adjustments	Pro Forma Cash Flow
Annual revenue requirements:			
Source of Supply / Treatment Expenses	$ 500,728		$ 500,728
Distribution Expenses	71,739		71,739
Customer Accounting	52,527		52,527
Administrative & General Expenses	302,920		302,920
Taxes	115,278		115,278
Debt Service	627,012		627,012
Cash Financed Capital Additions	230,000		230,000
Total revenue requirements	$ 1,900,203		$ 1,900,203
Annual revenues:			
Metered sales	$ 1,732,294	$ 65,113	$ 1,797,408
Hydrant rental	102,796	27,153	129,949
Total adjusted annual receipts	$ 1,835,090		$ 1,927,356
Percentage increase in metered sales			

	Pro Forma Cash Flow
Projected debt service coverage:	
Pro forma annual revenues	$ 1,927,356
Pro forma annual cash operating expenses	(1,043,191)
Net revenues available for debt service	$ 884,165
Projected combined maximum annual debt service	$ 627,012
Projected cash receipts in excess of cash disbursements	$ 257,153
Coverage percentage	141%

Whitestown Municipal Utilities
Water Utility

Schedule of rate blocks and minimum charges
Declining Rates and Charges

	Current		Proposed	
Whitestown - North				
First 2,000 gallons	$	11.97	$	13.51
Next 5,000 gallons	$	6.55	$	8.11
Next 13,000 gallons	$	5.73	$	7.91
Next 30,000 gallons	$	5.19	$	7.76
Over 50,000 gallons	$	4.37	$	7.66
Minimums:				
5/8" to 3/4"	$	23.94	$	27.03
1"	$	46.74	$	28.36
1.5"	$	69.01	$	29.70
2"	$	94.65	$	33.37
3"	$	140.21	$	60.40
4"	$	186.95	$	70.41
6"	$	277.64	$	93.77
8" **	$	373.90	$	120.47

** Presently no 8" meters

	Current		Proposed	
Whitestown - South				
First 2,000 gallons	$	21.32	$	13.51
Next 5,000 gallons	$	7.10	$	8.11
Next 13,000 gallons	$	6.21	$	7.91
Next 30,000 gallons	$	5.63	$	7.76
Over 50,000 gallons	$	4.74	$	7.66

Whitestown Municipal Utilities
Water Utility

Schedule of rate blocks and minimum charges
Declining Rates and Charges

Minimums:

5/8" to 3/4"	$	42.63	$	27.03
1"	$	83.24	$	28.36
1.5"	$	122.90	$	29.70
2"	$	168.56	$	33.37
3"	$	249.72	$	60.40
4"	$	332.97	$	70.41
6"	$	494.43	$	93.77
8"	$	665.95	$	120.47

** Presently no 8" meters

	Current		Proposed	
Public fire protection monthly surcharge				
5/8"-3/4"	$	3.96	$	-
1"	$	6.61	$	-
1.5"	$	13.21	$	-
2"	$	21.13	$	-
3"	$	39.63	$	-
4"	$	66.03	$	-
6"	$	132.05	$	-
8"	$	211.27	$	-
10"	$	343.32	$	-
12"	$	567.80	$	-

Whitestown Municipal Utilities
Water Utility

Schedule of rate blocks and minimum charges
Declining Rates and Charges

Private fire service rates per month				
1"	$	7.59	$	7.59
1.25"	$	11.92	$	11.92
1.5"	$	17.12	$	17.12
2"	$	30.47	$	30.47
3"	$	68.54	$	68.54
4"	$	121.89	$	121.89
6"	$	274.25	$	274.25
8"	$	487.56	$	487.56
Private fire hydrant	$	344.40	$	344.40
Public fire hydrant rental	$	600.00	$	294.88
5/8" or 3/4"	$	7.78	$	4.91
1"	$	19.45	$	6.87
1.5"	$	38.89	$	8.84
2"	$	62.23	$	14.24
4"	$	194.47	$	68.74
6"	$	388.94	$	103.11

WHITESTOWN MUNICIPAL UTILITIES
WATER UTILITY

Capacity Fees

	Original Cost/ $1,000	Accumulated Depreciation/ $1,000	Net Cost/ $1,000
Source of Supply	$ 10,135	$ (1,563)	$ 8,572
Transmission & Distribution	9,372	(193)	9,179
Distribution Mains	1,035	(373)	662
Meters	5,000	(970)	4,030
Hydrants	1,520	(152)	1,368
General Plant	258	(109)	149
	$ 27,321	$ (3,360)	$ 23,961
Less Net Cost of:			
Distribution Mains			(662)
Meters			(4,030)
Hydrants			(1,368)
Net investment in plant			$ 17,900
Less: outstanding bonds			11,013
Total equity investment			$ 6,887
Divided by EDUs			2.333
Capacity Fee			$ 2,952.44

Equivalent Meter Factors

Meter size	# of Customers	Equivalents relative to 5/8" or 3/4" meter **	Weighted factor
5/8" or 3/4" meter	1,784	1.00	1,784
1" meter	27	2.50	68
1.5" meter	6	5.00	30
2" meter	47	8.00	376
3" meter	-	16.00	-
4" meter	1	25.00	25
6" meter	1	50.00	50
8" meter	-	80.00	-
Total	1,866		2,333

** American Water Works Association

APPENDIX A

WHITESTOWN MUNICIPAL UTILITIES - WATERWORKS

Comparative Debt Service Schedule

Date	Projected Waterworks Bonds, Series 2013	Projected USDA Rural Development Loan	Waterworks Bonds, Series 2010	Waterworks Bonds, Series 2009	2005 State Revolving Fund Loan	Water Revenue Bonds of 1997	Total annual debt payments
2012			$ 88,152.00	$ 230,639.50	$ 82,744.00	$ 10,423.18	$ 411,958.68
2013	$ 177,100.00	$ 9,763.75	$ 86,744.00	$ 231,330.00	$ 83,106.00	$ 10,418.72	$ 598,462.47
2014	$ 176,100.00	$ 21,312.50	$ 85,336.00	$ 231,851.50	$ 82,405.00	$ 10,413.94	$ 607,418.94
2015	$ 179,850.00	$ 21,087.50	$ 88,928.00	$ 232,204.00	$ 82,672.50	$ 10,409.50	$ 615,151.50
2016	$ 177,300.00	$ 20,862.50	$ 87,392.00	$ 232,387.50	$ 82,877.00	$ 10,404.06	$ 611,223.06
2017	$ 179,700.00	$ 20,637.50	$ 90,856.00	$ 232,402.00	$ 83,018.50	$ 10,398.30	$ 617,012.30
2018	$ 177,050.00	$ 20,412.50	$ 89,192.00	$ 232,247.50	$ 82,097.00	$ 10,392.85	$ 611,391.85
2019	$ 179,350.00	$ 20,187.50	$ 87,528.00	$ 231,924.00	$ 82,144.00	$ 10,387.31	$ 611,520.81
2020	$ 176,600.00	$ 19,962.50	$ 85,864.00	$ 231,431.50	$ 82,128.00	$ 10,381.31	$ 606,367.31
2021	$ 178,800.00	$ 19,737.50	$ 84,200.00	$ 230,770.00	$ 83,049.00	$ 10,375.45	$ 606,931.95
2022	$ 180,950.00	$ 19,512.50	$ 87,536.00	$ 229,939.50	$ 82,875.50		$ 600,813.50
2023	$ 178,000.00	$ 19,287.50	$ 85,744.00	$ 228,940.00	$ 82,639.00		$ 594,610.50
2024	$ 180,000.00	$ 19,062.50	$ 83,952.00	$ 227,771.50	$ 82,339.50		$ 593,125.50
2025	$ 176,950.00	$ 18,837.50	$ 87,160.00	$ 231,434.00	$ 82,977.00		$ 597,358.50
2026	$ 178,850.00	$ 18,612.50	$ 85,240.00	$ 229,843.00	$ 82,520.00		$ 595,065.50
2027	$ 175,700.00	$ 23,275.00	$ 88,320.00	$ 227,998.50			$ 515,293.50
2028	$ 177,500.00	$ 22,825.00	$ 86,272.00	$ 230,985.00			$ 517,582.00
2029	$ 179,250.00	$ 22,375.00	$ 84,224.00				$ 285,849.00
2030	$ 175,900.00	$ 21,925.00	$ 87,176.00				$ 285,001.00
2031	$ 177,500.00	$ 21,475.00					$ 198,975.00
2032	$ 179,050.00	$ 21,025.00					$ 200,075.00
2033	$ 180,500.00	$ 20,575.00					$ 201,075.00
2034		$ 20,125.00					$ 20,125.00
2035		$ 19,675.00					$ 19,675.00
2036		$ 19,225.00					$ 19,225.00
2037		$ 18,775.00					$ 18,775.00
2038		$ 18,325.00					$ 18,325.00
2039		$ 17,875.00					$ 17,875.00
2040		$ 17,425.00					$ 17,425.00
2041		$ 16,975.00					$ 16,975.00
2042		$ 16,525.00					$ 16,525.00
2043		$ 16,075.00					$ 16,075.00
2044		$ 15,625.00					$ 15,625.00
2045		$ 15,175.00					$ 15,175.00
2046		$ 14,725.00					$ 14,725.00
2047		$ 14,275.00					$ 14,275.00
2048		$ 18,712.50					$ 18,712.50
2049		$ 18,037.50					$ 18,037.50
2050		$ 17,362.50					$ 17,362.50
2051		$ 16,687.50					$ 16,687.50
2052		$ 16,012.50					$ 16,012.50
2053		$ 15,337.50					$ 15,337.50

WHITESTOWN MUNICIPAL UTILITIES - WATERWORKS

Proposed Waterworks Revenue Bonds, Series 2013

Assumptions:

Principal Amount: The bond will be for $3,200,000 with $3,500,000 in grant monies
Interest Rate: Projected interest rate of 2%
Payment dates: Projected closing date of June 1, 2013 with payments starting January 1, 2014.
Term: Estimated 20 years

DATE	PRINCIPAL	INTEREST RATE	INTEREST EXPENSE	PRINCIPAL BALANCE	TOTAL PAYMENT	TOTAL ANNUAL PAYMENT
06/01/13				$ 2,700,000.00		
01/01/14	$ 145,000.00	2.00%	$ 32,100.00	$ 2,555,000.00	$ 177,100.00	$ 177,100.00
07/01/14		2.00%	$ 25,550.00		$ 25,550.00	
01/01/15	$ 125,000.00	2.00%	$ 25,550.00	$ 2,430,000.00	$ 150,550.00	$ 176,100.00
07/01/15		2.00%	$ 25,550.00		$ 25,550.00	
01/01/16	$ 130,000.00	2.00%	$ 24,300.00	$ 2,300,000.00	$ 154,300.00	$ 179,850.00
07/01/16		2.00%	$ 24,300.00		$ 24,300.00	
01/01/17	$ 130,000.00	2.00%	$ 23,000.00	$ 2,170,000.00	$ 153,000.00	$ 177,300.00
07/01/17		2.00%	$ 23,000.00		$ 23,000.00	
01/01/18	$ 135,000.00	2.00%	$ 21,700.00	$ 2,035,000.00	$ 156,700.00	$ 179,700.00
07/01/18		2.00%	$ 21,700.00		$ 21,700.00	
01/01/19	$ 135,000.00	2.00%	$ 20,350.00	$ 1,900,000.00	$ 155,350.00	$ 177,050.00
07/01/19		2.00%	$ 20,350.00		$ 20,350.00	
01/01/20	$ 140,000.00	2.00%	$ 19,000.00	$ 1,760,000.00	$ 159,000.00	$ 179,350.00
07/01/20		2.00%	$ 19,000.00		$ 19,000.00	
01/01/21	$ 140,000.00	2.00%	$ 17,600.00	$ 1,620,000.00	$ 157,600.00	$ 176,600.00
07/01/21		2.00%	$ 17,600.00		$ 17,600.00	
01/01/22	$ 145,000.00	2.00%	$ 16,200.00	$ 1,475,000.00	$ 161,200.00	$ 178,800.00
07/01/22		2.00%	$ 16,200.00		$ 16,200.00	
01/01/23	$ 150,000.00	2.00%	$ 14,750.00	$ 1,325,000.00	$ 164,750.00	$ 180,950.00
07/01/23		2.00%	$ 14,750.00		$ 14,750.00	
01/01/24	$ 150,000.00	2.00%	$ 13,250.00	$ 1,175,000.00	$ 163,250.00	$ 178,000.00
07/01/24		2.00%	$ 13,250.00		$ 13,250.00	
01/01/25	$ 155,000.00	2.00%	$ 11,750.00	$ 1,020,000.00	$ 166,750.00	$ 180,000.00
07/01/25		2.00%	$ 11,750.00		$ 11,750.00	
01/01/26	$ 155,000.00	2.00%	$ 10,200.00	$ 865,000.00	$ 165,200.00	$ 176,950.00
07/01/26		2.00%	$ 10,200.00		$ 10,200.00	
01/01/27	$ 160,000.00	2.00%	$ 8,650.00	$ 705,000.00	$ 168,650.00	$ 178,850.00
07/01/27		2.00%	$ 8,650.00		$ 8,650.00	
01/01/28	$ 160,000.00	2.00%	$ 7,050.00	$ 545,000.00	$ 167,050.00	$ 175,700.00
07/01/28		2.00%	$ 7,050.00		$ 7,050.00	
01/01/29	$ 165,000.00	2.00%	$ 5,450.00	$ 380,000.00	$ 170,450.00	$ 177,500.00
07/01/29		2.00%	$ 5,450.00		$ 5,450.00	
01/01/30	$ 170,000.00	2.00%	$ 3,800.00	$ 210,000.00	$ 173,800.00	$ 179,250.00
07/01/30		2.00%	$ 3,800.00		$ 3,800.00	
01/01/31	$ 170,000.00	2.00%	$ 2,100.00	$ 40,000.00	$ 172,100.00	$ 175,900.00
07/01/31		2.00%	$ 2,100.00		$ 2,100.00	
01/01/32	$ 175,000.00	2.00%	$ 400.00	$ (135,000.00)	$ 175,400.00	$ 177,500.00
07/01/32		2.00%	$ 400.00		$ 400.00	
01/01/33	$ 180,000.00	2.00%	$ (1,350.00)	$ (315,000.00)	$ 178,650.00	$ 179,050.00
07/01/33		2.00%	$ (1,350.00)		$ (1,350.00)	
01/01/34	$ 185,000.00	2.00%	$ (3,150.00)	$ (500,000.00)	$ 181,850.00	$ 180,500.00
	$ 3,200,000.00		$ 542,000.00		$ 3,742,000.00	

WHITESTOWN MUNICIPAL UTILITIES

Projected USDA Rural Development Loan, Series 2011

Assumptions:

Principal Amount: The bond will be for approximately $1,925,000 with $365,000 attributable to Water
Interest Rate: Estimated at 4.5%
Payment dates: Closing date is estimated to be June 1, 2013 with payments starting July 1, 2014
Term: Estimated at 40 years

DATE	PRINCIPAL	INTEREST RATE	INTEREST EXPENSE	PRINCIPAL BALANCE	TOTAL PAYMENT	TOTAL ANNUAL PAYMENT
06/01/13				$ 365,000.00		
01/01/14		4.50%	$ 9,763.75		$ 9,763.75	$ 9,763.75
07/01/14	$ 5,000.00	4.50%	$ 8,212.50	$ 360,000.00	$ 13,212.50	
01/01/15		4.50%	$ 8,100.00		$ 8,100.00	$ 21,312.50
07/01/15	$ 5,000.00	4.50%	$ 8,100.00	$ 355,000.00	$ 13,100.00	
01/01/16		4.50%	$ 7,987.50		$ 7,987.50	$ 21,087.50
07/01/16	$ 5,000.00	4.50%	$ 7,987.50	$ 350,000.00	$ 12,987.50	
01/01/17		4.50%	$ 7,875.00		$ 7,875.00	$ 20,862.50
07/01/17	$ 5,000.00	4.50%	$ 7,875.00	$ 345,000.00	$ 12,875.00	
01/01/18		4.50%	$ 7,762.50		$ 7,762.50	$ 20,637.50
07/01/18	$ 5,000.00	4.50%	$ 7,762.50	$ 340,000.00	$ 12,762.50	
01/01/19		4.50%	$ 7,650.00		$ 7,650.00	$ 20,412.50
07/01/19	$ 5,000.00	4.50%	$ 7,650.00	$ 335,000.00	$ 12,650.00	
01/01/20		4.50%	$ 7,537.50		$ 7,537.50	$ 20,187.50
07/01/20	$ 5,000.00	4.50%	$ 7,537.50	$ 330,000.00	$ 12,537.50	
01/01/21		4.50%	$ 7,425.00		$ 7,425.00	$ 19,962.50
07/01/21	$ 5,000.00	4.50%	$ 7,425.00	$ 325,000.00	$ 12,425.00	
01/01/22		4.50%	$ 7,312.50		$ 7,312.50	$ 19,737.50
07/01/22	$ 5,000.00	4.50%	$ 7,312.50	$ 320,000.00	$ 12,312.50	
01/01/23		4.50%	$ 7,200.00		$ 7,200.00	$ 19,512.50
07/01/23	$ 5,000.00	4.50%	$ 7,200.00	$ 315,000.00	$ 12,200.00	
01/01/24		4.50%	$ 7,087.50		$ 7,087.50	$ 19,287.50
07/01/24	$ 5,000.00	4.50%	$ 7,087.50	$ 310,000.00	$ 12,087.50	
01/01/25		4.50%	$ 6,975.00		$ 6,975.00	$ 19,062.50
07/01/25	$ 5,000.00	4.50%	$ 6,975.00	$ 305,000.00	$ 11,975.00	
01/01/26		4.50%	$ 6,862.50		$ 6,862.50	$ 18,837.50
07/01/26	$ 5,000.00	4.50%	$ 6,862.50	$ 300,000.00	$ 11,862.50	
01/01/27		4.50%	$ 6,750.00		$ 6,750.00	$ 18,612.50
07/01/27	$ 10,000.00	4.50%	$ 6,750.00	$ 290,000.00	$ 16,750.00	
01/01/28		4.50%	$ 6,525.00		$ 6,525.00	$ 23,275.00
07/01/28	$ 10,000.00	4.50%	$ 6,525.00	$ 280,000.00	$ 16,525.00	
01/01/29		4.50%	$ 6,300.00		$ 6,300.00	$ 22,825.00
07/01/29	$ 10,000.00	4.50%	$ 6,300.00	$ 270,000.00	$ 16,300.00	
01/01/30		4.50%	$ 6,075.00		$ 6,075.00	$ 22,375.00
07/01/30	$ 10,000.00	4.50%	$ 6,075.00	$ 260,000.00	$ 16,075.00	
01/01/31		4.50%	$ 5,850.00		$ 5,850.00	$ 21,925.00
07/01/31	$ 10,000.00	4.50%	$ 5,850.00	$ 250,000.00	$ 15,850.00	
01/01/32		4.50%	$ 5,625.00		$ 5,625.00	$ 21,475.00
07/01/32	$ 10,000.00	4.50%	$ 5,625.00	$ 240,000.00	$ 15,625.00	
01/01/33		4.50%	$ 5,400.00		$ 5,400.00	$ 21,025.00
07/01/33	$ 10,000.00	4.50%	$ 5,400.00	$ 230,000.00	$ 15,400.00	
01/01/34		4.50%	$ 5,175.00		$ 5,175.00	$ 20,575.00
07/01/34	$ 10,000.00	4.50%	$ 5,175.00	$ 220,000.00	$ 15,175.00	
01/01/35		4.50%	$ 4,950.00		$ 4,950.00	$ 20,125.00
07/01/35	$ 10,000.00	4.50%	$ 4,950.00	$ 210,000.00	$ 14,950.00	
01/01/36		4.50%	$ 4,725.00		$ 4,725.00	$ 19,675.00
07/01/36	$ 10,000.00	4.50%	$ 4,725.00	$ 200,000.00	$ 14,725.00	
01/01/37		4.50%	$ 4,500.00		$ 4,500.00	$ 19,225.00
07/01/37	$ 10,000.00	4.50%	$ 4,500.00	$ 190,000.00	$ 14,500.00	
01/01/38		4.50%	$ 4,275.00		$ 4,275.00	$ 18,775.00
07/01/38	$ 10,000.00	4.50%	$ 4,275.00	$ 180,000.00	$ 14,275.00	
01/01/39		4.50%	$ 4,050.00		$ 4,050.00	$ 18,325.00
07/01/39	$ 10,000.00	4.50%	$ 4,050.00	$ 170,000.00	$ 14,050.00	
01/01/40		4.50%	$ 3,825.00		$ 3,825.00	$ 17,875.00
07/01/40	$ 10,000.00	4.50%	$ 3,825.00	$ 160,000.00	$ 13,825.00	
01/01/41		4.50%	$ 3,600.00		$ 3,600.00	$ 17,425.00
07/01/41	$ 10,000.00	4.50%	$ 3,600.00	$ 150,000.00	$ 13,600.00	
01/01/42		4.50%	$ 3,375.00		$ 3,375.00	$ 16,975.00
07/01/42	$ 10,000.00	4.50%	$ 3,375.00	$ 140,000.00	$ 13,375.00	
01/01/43		4.50%	$ 3,150.00		$ 3,150.00	$ 16,525.00
07/01/43	$ 10,000.00	4.50%	$ 3,150.00	$ 130,000.00	$ 13,150.00	
01/01/44		4.50%	$ 2,925.00		$ 2,925.00	$ 16,075.00
07/01/44	$ 10,000.00	4.50%	$ 2,925.00	$ 120,000.00	$ 12,925.00	
01/01/45		4.50%	$ 2,700.00		$ 2,700.00	$ 15,625.00
07/01/45	$ 10,000.00	4.50%	$ 2,700.00	$ 110,000.00	$ 12,700.00	
01/01/46		4.50%	$ 2,475.00		$ 2,475.00	$ 15,175.00
07/01/46	$ 10,000.00	4.50%	$ 2,475.00	$ 100,000.00	$ 12,475.00	
01/01/47		4.50%	$ 2,250.00		$ 2,250.00	$ 14,725.00
07/01/47	$ 10,000.00	4.50%	$ 2,250.00	$ 90,000.00	$ 12,250.00	
01/01/48		4.50%	$ 2,025.00		$ 2,025.00	$ 14,275.00
07/01/48	$ 15,000.00	4.50%	$ 2,025.00	$ 75,000.00	$ 17,025.00	
01/01/49		4.50%	$ 1,687.50		$ 1,687.50	$ 18,712.50
07/01/49	$ 15,000.00	4.50%	$ 1,687.50	$ 60,000.00	$ 16,687.50	
01/01/50		4.50%	$ 1,350.00		$ 1,350.00	$ 18,037.50
07/01/50	$ 15,000.00	4.50%	$ 1,350.00	$ 45,000.00	$ 16,350.00	
01/01/51		4.50%	$ 1,012.50		$ 1,012.50	$ 17,362.50
07/01/51	$ 15,000.00	4.50%	$ 1,012.50	$ 30,000.00	$ 16,012.50	
01/01/52		4.50%	$ 675.00		$ 675.00	$ 16,687.50
07/01/52	$ 15,000.00	4.50%	$ 675.00	$ 15,000.00	$ 15,675.00	
01/01/53		4.50%	$ 337.50		$ 337.50	$ 16,012.50
07/01/53	$ 15,000.00	4.50%	$ 337.50	$ -	$ 15,337.50	$ 15,337.50
	$ 365,000.00		$ 400,701.25		$ 765,701.25	

WHITESTOWN MUNICIPAL UTILITIES - WATERWORKS

Waterworks Revenue Bonds, Series 2010

Assumptions:

Principal Amount: The bond was for $1,400,000
Interest Rate: Per SRF rate list 2.56%
Payment dates: Closing date was January 12, 2010 with principal payments starting January 1, 2011.
Term: 20 years

DATE	PRINCIPAL	INTEREST RATE	INTEREST EXPENSE	PRINCIPAL BALANCE	TOTAL PAYMENT	TOTAL ANNUAL PAYMENT
01/12/10				$ 1,400,000.00		
07/01/10		2.56%	$ 16,824.89		$ 16,824.89	
01/01/11	$ 50,000.00	2.56%	$ 17,920.00	$ 1,350,000.00	$ 67,920.00	$ 84,744.89
07/01/11		2.56%	$ 17,280.00		$ 17,280.00	
01/01/12	$ 55,000.00	2.56%	$ 17,280.00	$ 1,295,000.00	$ 72,280.00	$ 89,560.00
07/01/12		2.56%	$ 16,576.00		$ 16,576.00	
01/01/13	$ 55,000.00	2.56%	$ 16,576.00	$ 1,240,000.00	$ 71,576.00	$ 88,152.00
07/01/13		2.56%	$ 15,872.00		$ 15,872.00	
01/01/14	$ 55,000.00	2.56%	$ 15,872.00	$ 1,185,000.00	$ 70,872.00	$ 86,744.00
07/01/14		2.56%	$ 15,168.00		$ 15,168.00	
01/01/15	$ 55,000.00	2.56%	$ 15,168.00	$ 1,130,000.00	$ 70,168.00	$ 85,336.00
07/01/15		2.56%	$ 14,464.00		$ 14,464.00	
01/01/16	$ 60,000.00	2.56%	$ 14,464.00	$ 1,070,000.00	$ 74,464.00	$ 88,928.00
07/01/16		2.56%	$ 13,696.00		$ 13,696.00	
01/01/17	$ 60,000.00	2.56%	$ 13,696.00	$ 1,010,000.00	$ 73,696.00	$ 87,392.00
07/01/17		2.56%	$ 12,928.00		$ 12,928.00	
01/01/18	$ 65,000.00	2.56%	$ 12,928.00	$ 945,000.00	$ 77,928.00	$ 90,856.00
07/01/18		2.56%	$ 12,096.00		$ 12,096.00	
01/01/19	$ 65,000.00	2.56%	$ 12,096.00	$ 880,000.00	$ 77,096.00	$ 89,192.00
07/01/19		2.56%	$ 11,264.00		$ 11,264.00	
01/01/20	$ 65,000.00	2.56%	$ 11,264.00	$ 815,000.00	$ 76,264.00	$ 87,528.00
07/01/20		2.56%	$ 10,432.00		$ 10,432.00	
01/01/21	$ 65,000.00	2.56%	$ 10,432.00	$ 750,000.00	$ 75,432.00	$ 85,864.00
07/01/21		2.56%	$ 9,600.00		$ 9,600.00	
01/01/22	$ 65,000.00	2.56%	$ 9,600.00	$ 685,000.00	$ 74,600.00	$ 84,200.00
07/01/22		2.56%	$ 8,768.00		$ 8,768.00	
01/01/23	$ 70,000.00	2.56%	$ 8,768.00	$ 615,000.00	$ 78,768.00	$ 87,536.00
07/01/23		2.56%	$ 7,872.00		$ 7,872.00	
01/01/24	$ 70,000.00	2.56%	$ 7,872.00	$ 545,000.00	$ 77,872.00	$ 85,744.00
07/01/24		2.56%	$ 6,976.00		$ 6,976.00	
01/01/25	$ 70,000.00	2.56%	$ 6,976.00	$ 475,000.00	$ 76,976.00	$ 83,952.00
07/01/25		2.56%	$ 6,080.00		$ 6,080.00	
01/01/26	$ 75,000.00	2.56%	$ 6,080.00	$ 400,000.00	$ 81,080.00	$ 87,160.00
07/01/26		2.56%	$ 5,120.00		$ 5,120.00	
01/01/27	$ 75,000.00	2.56%	$ 5,120.00	$ 325,000.00	$ 80,120.00	$ 85,240.00
07/01/27		2.56%	$ 4,160.00		$ 4,160.00	
01/01/28	$ 80,000.00	2.56%	$ 4,160.00	$ 245,000.00	$ 84,160.00	$ 88,320.00
07/01/28		2.56%	$ 3,136.00		$ 3,136.00	
01/01/29	$ 80,000.00	2.56%	$ 3,136.00	$ 165,000.00	$ 83,136.00	$ 86,272.00
07/01/29		2.56%	$ 2,112.00		$ 2,112.00	
01/01/30	$ 80,000.00	2.56%	$ 2,112.00	$ 85,000.00	$ 82,112.00	$ 84,224.00
07/01/30		2.56%	$ 1,088.00		$ 1,088.00	
01/01/31	$ 85,000.00	2.56%	$ 1,088.00	$ -	$ 86,088.00	$ 87,176.00
	$ 1,400,000.00		$ 424,120.89		$ 1,824,120.89	

WHITESTOWN MUNICIPAL UTILITIES - WATERWORKS

Waterworks Refunding Revenue Bonds, Series 2009

Assumptions:

Principal Amount: The bond was for $7,565,000 with $3,255,000 allocated to water
Interest Rate: Per SRF rate list 3.38%
Payment dates: Closing date was June 1, 2009 with payments starting the following January.
Term: 20 years

DATE	PRINCIPAL	INTEREST RATE	INTEREST EXPENSE	PRINCIPAL BALANCE	TOTAL PAYMENT	TOTAL ANNUAL PAYMENT
06/01/09				$ 3,255,000.00		
01/01/10	$ 95,000.00	3.38%	$ 55,009.50		$ 150,009.50	$ 150,009.50
07/01/10		3.38%	$ 55,009.50	$ 3,160,000.00	$ 55,009.50	
01/01/11	$ 120,000.00	3.38%	$ 53,404.00		$ 173,404.00	$ 228,413.50
07/01/11		3.38%	$ 53,404.00	$ 3,040,000.00	$ 53,404.00	
01/01/12	$ 125,000.00	3.38%	$ 51,376.00		$ 176,376.00	$ 229,780.00
07/01/12		3.38%	$ 51,376.00	$ 2,915,000.00	$ 51,376.00	
01/01/13	$ 130,000.00	3.38%	$ 49,263.50		$ 179,263.50	$ 230,639.50
07/01/13		3.38%	$ 49,263.50	$ 2,785,000.00	$ 49,263.50	
01/01/14	$ 135,000.00	3.38%	$ 47,066.50		$ 182,066.50	$ 231,330.00
07/01/14		3.38%	$ 47,066.50	$ 2,650,000.00	$ 47,066.50	
01/01/15	$ 140,000.00	3.38%	$ 44,785.00		$ 184,785.00	$ 231,851.50
07/01/15		3.38%	$ 44,785.00	$ 2,510,000.00	$ 44,785.00	
01/01/16	$ 145,000.00	3.38%	$ 42,419.00		$ 187,419.00	$ 232,204.00
07/01/16		3.38%	$ 42,419.00	$ 2,365,000.00	$ 42,419.00	
01/01/17	$ 150,000.00	3.38%	$ 39,968.50		$ 189,968.50	$ 232,387.50
07/01/17		3.38%	$ 39,968.50	$ 2,215,000.00	$ 39,968.50	
01/01/18	$ 155,000.00	3.38%	$ 37,433.50		$ 192,433.50	$ 232,402.00
07/01/18		3.38%	$ 37,433.50	$ 2,060,000.00	$ 37,433.50	
01/01/19	$ 160,000.00	3.38%	$ 34,814.00		$ 194,814.00	$ 232,247.50
07/01/19		3.38%	$ 34,814.00	$ 1,900,000.00	$ 34,814.00	
01/01/20	$ 165,000.00	3.38%	$ 32,110.00		$ 197,110.00	$ 231,924.00
07/01/20		3.38%	$ 32,110.00	$ 1,735,000.00	$ 32,110.00	
01/01/21	$ 170,000.00	3.38%	$ 29,321.50		$ 199,321.50	$ 231,431.50
07/01/21		3.38%	$ 29,321.50	$ 1,565,000.00	$ 29,321.50	
01/01/22	$ 175,000.00	3.38%	$ 26,448.50		$ 201,448.50	$ 230,770.00
07/01/22		3.38%	$ 26,448.50	$ 1,390,000.00	$ 26,448.50	
01/01/23	$ 180,000.00	3.38%	$ 23,491.00		$ 203,491.00	$ 229,939.50
07/01/23		3.38%	$ 23,491.00	$ 1,210,000.00	$ 23,491.00	
01/01/24	$ 185,000.00	3.38%	$ 20,449.00		$ 205,449.00	$ 228,940.00
07/01/24		3.38%	$ 20,449.00	$ 1,025,000.00	$ 20,449.00	
01/01/25	$ 190,000.00	3.38%	$ 17,322.50		$ 207,322.50	$ 227,771.50
07/01/25		3.38%	$ 17,322.50	$ 835,000.00	$ 17,322.50	
01/01/26	$ 200,000.00	3.38%	$ 14,111.50		$ 214,111.50	$ 231,434.00
07/01/26		3.38%	$ 14,111.50	$ 635,000.00	$ 14,111.50	
01/01/27	$ 205,000.00	3.38%	$ 10,731.50		$ 215,731.50	$ 229,843.00
07/01/27		3.38%	$ 10,731.50	$ 430,000.00	$ 10,731.50	
01/01/28	$ 210,000.00	3.38%	$ 7,267.00		$ 217,267.00	$ 227,998.50
07/01/28		3.38%	$ 7,267.00	$ 220,000.00	$ 7,267.00	
01/01/29	$ 220,000.00	3.38%	$ 3,718.00		$ 223,718.00	$ 230,985.00
	$ 3,255,000.00		$ 1,277,302.00		$ 4,532,302.00	

WHITESTOWN MUNICIPAL UTILITIES - WATERWORKS

2005 State Revolving Fund Loan

DATE	PRINCIPAL	INTEREST RATE	INTEREST EXPENSE	TOTAL PAYMENT	ANNUAL PAYMENT
01/01/07	$ -	3.15%	$ 19,089.00	$ 19,089.00	$ 19,089.00
07/01/07			19,089.00	19,089.00	
01/01/08	44,000.00	3.15%	19,089.00	63,089.00	82,178.00
07/01/08			18,396.00	18,396.00	
01/01/09	46,000.00	3.15%	18,396.00	64,396.00	82,792.00
07/01/09			17,671.50	17,671.50	
01/01/10	47,000.00	3.15%	17,671.50	64,671.50	82,343.00
07/01/10			16,931.25	16,931.25	
01/01/11	49,000.00	3.15%	16,931.25	65,931.25	82,862.50
07/01/11			16,159.50	16,159.50	
01/01/12	50,000.00	3.15%	16,159.50	66,159.50	82,319.00
07/01/12			15,372.00	15,372.00	
01/01/13	52,000.00	3.15%	15,372.00	67,372.00	82,744.00
07/01/13			14,553.00	14,553.00	
01/01/14	54,000.00	3.15%	14,553.00	68,553.00	83,106.00
07/01/14			13,702.50	13,702.50	
01/01/15	55,000.00	3.15%	13,702.50	68,702.50	82,405.00
07/01/15			12,836.25	12,836.25	
01/01/16	57,000.00	3.15%	12,836.25	69,836.25	82,672.50
07/01/16			11,938.50	11,938.50	
01/01/17	59,000.00	3.15%	11,938.50	70,938.50	82,877.00
07/01/17			11,009.25	11,009.25	
01/01/18	61,000.00	3.15%	11,009.25	72,009.25	83,018.50
07/01/18			10,048.50	10,048.50	
01/01/19	62,000.00	3.15%	10,048.50	72,048.50	82,097.00
07/01/19			9,072.00	9,072.00	
01/01/20	64,000.00	3.15%	9,072.00	73,072.00	82,144.00
07/01/20			8,064.00	8,064.00	
01/01/21	66,000.00	3.15%	8,064.00	74,064.00	82,128.00
07/01/21			7,024.50	7,024.50	
01/01/22	69,000.00	3.15%	7,024.50	76,024.50	83,049.00
07/01/22			5,937.75	5,937.75	
01/01/23	71,000.00	3.15%	5,937.75	76,937.75	82,875.50
07/01/23			4,819.50	4,819.50	
01/01/24	73,000.00	3.15%	4,819.50	77,819.50	82,639.00
07/01/24			3,669.75	3,669.75	
01/01/25	75,000.00	3.15%	3,669.75	78,669.75	82,339.50
07/01/25			2,488.50	2,488.50	
01/01/26	78,000.00	3.15%	2,488.50	80,488.50	82,977.00
07/01/26			1,260.00	1,260.00	
01/01/27	80,000.00	3.15%	1,260.00	81,260.00	82,520.00
	$ 1,212,000.00		$ 459,175.50	$ 1,671,175.50	$ 1,671,175.50

WHITESTOWN MUNICIPAL UTILITIES - WATERWORKS

WATER REVENUE BONDS OF 1997

DATE	PRINCIPAL	INTEREST RATE	INTEREST EXPENSE	TOTAL PAYMENT	ANNUAL PAYMENT
04/01/02	$ 5,304.00	3.50%	$ 5,250.04	$ 10,554.04	
10/01/02			2,532.20	2,532.20	13,086.24
04/01/03	5,490.00	3.50%	2,532.20	8,022.20	
10/01/03			2,436.13	2,436.13	10,458.33
04/01/04	5,682.00	3.50%	2,436.13	8,118.13	
10/01/04			2,336.69	2,336.69	10,454.82
04/01/05	5,881.00	3.50%	2,336.69	8,217.69	
10/01/05			2,233.77	2,233.77	10,451.46
04/01/06	6,087.00	3.50%	2,233.77	8,320.77	
10/01/06			2,127.25	2,127.25	10,448.02
04/01/07	6,300.00	3.50%	2,127.25	8,427.25	
10/01/07			2,017.00	2,017.00	10,444.25
04/01/08	6,520.00	3.50%	2,017.00	8,537.00	
10/01/08			1,902.90	1,902.90	10,439.90
04/01/09	6,748.00	3.50%	1,902.90	8,650.90	
10/01/09			1,784.81	1,784.81	10,435.71
04/01/10	6,985.00	3.50%	1,784.81	8,769.81	
10/01/10			1,662.57	1,662.57	10,432.38
04/01/11	7,229.00	3.50%	1,662.57	8,891.57	
10/01/11			1,536.06	1,536.06	10,427.63
04/01/12	7,482.00	3.50%	1,536.06	9,018.06	
10/01/12			1,405.12	1,405.12	10,423.18
04/01/13	7,744.00	3.50%	1,405.12	9,149.12	
10/01/13			1,269.60	1,269.60	10,418.72
04/01/14	8,015.00	3.50%	1,269.60	9,284.60	
10/01/14			1,129.34	1,129.34	10,413.94
04/01/15	8,296.00	3.50%	1,129.34	9,425.34	
10/01/15			984.16	984.16	10,409.50
04/01/16	8,586.00	3.50%	984.16	9,570.16	
10/01/16			833.90	833.90	10,404.06
04/01/17	8,886.00	3.50%	833.90	9,719.90	
10/01/17			678.40	678.40	10,398.30
04/01/18	9,197.00	3.50%	678.40	9,875.40	
10/01/18			517.45	517.45	10,392.85
04/01/19	9,519.00	3.50%	517.45	10,036.45	
10/01/19			350.86	350.86	10,387.31
04/01/20	9,852.00	3.50%	350.86	10,202.86	
10/01/20			178.45	178.45	10,381.31
04/01/21	10,197.00	3.50%	178.45	10,375.45	10,375.45
	$ 150,000.00		$ 61,083.36	$ 211,083.36	$ 211,083.36

APPENDIX B

Whitestown Municipal Utilities
Water Utility

Name	Account Description	Water %	Sewer %	Town %	Salary	Water	Sewer	Town
Bryan Leach	Distribution	50%	50%		$ 36,904.92	$ 18,452.46	$ 18,452.46	$ -
Chad Nance	Administrative & General	40%	40%	20%	$ 44,999.76	$ 17,999.90	$ 17,999.90	$ 8,999.95
Danny Powers	Treatment	50%	50%			$ -	$ -	$ -
Greg Semmler	75% Treatment; 25% Distribution		100%		$ 39,721.50	$ -	$ 39,721.50	$ -
Jason Lawson	Administrative & General	40%	40%	20%	$ 55,999.84	$ 22,399.94	$ 22,399.94	$ 11,199.97
Randy Edens	90% Distribution; 10% Meter Reading	75%		25%	$ 31,200.00	$ 23,400.00	$ -	$ 7,800.00
Steve Turax	90% Distribution; 10% Meter Reading	30%	30%	40%	$ 41,356.38	$ 12,406.91	$ 12,406.91	$ 16,542.55
Karen Gifford	Accounting & Collection	50%	50%		$ 35,401.86	$ 17,700.93	$ 17,700.93	$ -
Rhonda Drew-Johnson	Accounting & Collection	50%	50%		$ 34,320.00	$ 17,160.00	$ 17,160.00	$ -
Tara Hawkins	Accounting & Collection	50%	50%		$ 23,491.00	$ 11,745.50	$ 11,745.50	$ -
New Employee	90% Distribution; 10% Meter Reading	75%		25%	$ 31,200.00	$ 23,400.00	$ -	$ 7,800.00
					$ 374,595.26	$ 164,665.64	$ 157,587.14	$ 52,342.47
			w/o new employee		$ 298,852.79	$ 141,265.64	$ 157,587.14	
			2012 ledger		$ 395,000.00	$ 214,000.00	$ 181,000.00	
					$ 96,147.21	$ 72,734.36	$ 23,412.86	

In July 2012, the Utility reimbursed the Town for prior salaries and wages.

Social Security	$ 12,596.92	$ 12,055.42	
Pension	$ 11,526.60	$ 11,031.10	*

*Assume 7%

APPENDIX C

Whitestown Municipal Utilities
Water Utility

Distribution Expenses
Salaries/wages & FICA
Adjustment #1

Name	Account Description	Water %	Sewer %	Town %	Salary	Water	Sewer	Town
Bryan Leach	Distribution	50%	50%		$ 36,905	$ 18,452	$ 18,452	$ -
Chad Nance	Administrative & General	40%	40%	20%	$ 45,000	$ 18,000	$ 18,000	$ 9,000
Danny Powers	Treatment	50%	50%		$ 51,512	$ 25,756	$ 25,756	$ -
Greg Semmler	75% Treatment; 25% Distribution		100%		$ 39,722	$ -	$ 39,722	$ -
Jason Lawson	Administrative & General	40%	40%	20%	$ 56,000	$ 22,400	$ 22,400	$ 11,200
Randy Edens	90% Distribution; 10% Meter Reading	75%		25%	$ 31,200	$ 23,400	$ -	$ 7,800
Steve Turax	90% Distribution; 10% Meter Reading	30%	30%	40%	$ 41,356	$ 12,407	$ 12,407	$ 16,543
Karen Gifford	Accounting & Collection	50%	50%		$ 35,402	$ 17,701	$ 17,701	$ -
Rhonda Drew-Johnson	Accounting & Collection	50%	50%		$ 34,320	$ 17,160	$ 17,160	$ -
Tara Hawkins	Accounting & Collection	50%	50%		$ 23,491	$ 11,746	$ 11,746	$ -
New Employee	90% Distribution; 10% Meter Reading	75%		25%	$ 31,200	$ 23,400	$ -	$ 7,800
					$ 426,107	$ 190,422	$ 183,343	$ 52,342

Portion allocable to Distribution Expenses - Salaries/Wages & FICA	$ 71,739
Less: salaries and wages - test year	$ 50,679
Equals: forecasted increase in salaries and wages	$ 21,060

Whitestown Municipal Utilities
Water Utility

Customer Accounting
Salaries/wages & FICA
Adjustment #2

Name	Account Description	Water %	Sewer %	Town %	Salary	Water	Sewer	Town
Bryan Leach	Distribution	50%	50%		$ 36,905	$ 18,452	$ 18,452	$ -
Chad Nance	Administrative & General	40%	40%	20%	$ 45,000	$ 18,000	$ 18,000	$ 9,000
Danny Powers	Treatment	50%	50%		$ 51,512	$ 25,756	$ 25,756	$ -
Greg Semmler	75% Treatment; 25% Distribution		100%		$ 39,722	$ -	$ 39,722	$ -
Jason Lawson	Administrative & General	40%	40%	20%	$ 56,000	$ 22,400	$ 22,400	$ 11,200
Randy Edens	90% Distribution; 10% Meter Reading	75%		25%	$ 31,200	$ 23,400	$ -	$ 7,800
Steve Turax	90% Distribution; 10% Meter Reading	30%	30%	40%	$ 41,356	$ 12,407	$ 12,407	$ 16,543
Karen Gifford	Accounting & Collection	50%	50%		$ 35,402	$ 17,701	$ 17,701	$ -
Rhonda Drew-Johnson	Accounting & Collection	50%	50%		$ 34,320	$ 17,160	$ 17,160	$ -
Tara Hawkins	Accounting & Collection	50%	50%		$ 23,491	$ 11,746	$ 11,746	$ -
New Employee	90% Distribution; 10% Meter Reading	75%		25%	$ 31,200	$ 23,400	$ -	$ 7,800
					$ 426,107	$ 190,422	$ 183,343	$ 52,342

Portion allocable to Customer Accounting - Salaries/Wages & FICA	$ 52,527
Less: salaries and wages - test year	$ 50,187
Equals: forecasted increase in salaries and wages	$ 2,340

Administrative & General Expenses
Salaries/wages & FICA adjustment
Adjustment #3

Administrative & General - Salaries/Wages & FICA Adjustment Revenue Requirement	$ -
Less : test year expenditures	$ 24,327
Equals : decrease in Administrative & General - Salaries/Wages FICA Adjustment	$ (24,327)

Whitestown Municipal Utilities
Water Utility

Administrative & General Expenses
Employee benefits - pension
Adjustment #4

Administrative & General - Employee benefits - pension revenue requirement	$	13,330
Less : test year expenditures	$	5,864
Equals : increase in Administrative & General - Employee benefits - pension	$	7,466

Administrative & General Expenses
Outside Services
Adjustment #5

Administrative & General - Outside services revenue requirement	$	140,861
Less : test year expenditures	$	392,830
Equals : decrease in Administrative & General - Outside services	$	(251,969)

Administrative & General Expenses
Insurance
Adjustment #6

Administrative & General - Insurance revenue requirement	$	28,476
Less : test year expenditures	$	4,052
Equals : increase in Administrative & General - Insurance	$	24,424

Whitestown Municipal Utilities
Water Utility

Administrative & General Expenses
Miscellaneous general expense
Adjustment #7

Administrative & General - Miscellaneous revenue requirement	$	40,000
Less : test year expenditures	$	53,793
Equals : decrease in Administrative & General - Miscellaneous	$	(13,793)

Taxes
Social security taxes
Adjustment #8

Taxes - Social security taxes revenue requirement	$	14,567
Less : test year expenditures	$	12,777
Equals : increase in Taxes - Social security taxes	$	1,790

Debt Service
SWAF
Adjustment #9

Debt - SWAF revenue requirement	$	8,886
Less : test year expenditures	$	7,482
Equals : increase in Debt Service - SWAF	$	1,404

Whitestown Municipal Utilities
Water Utility

Debt Service
SWAF Interest Expense
Adjustment #10

Debt - SWAF interest expense revenue requirement	$	1,512
Less : test year expenditures	$	3,072
Equals : decrease in Debt Service - SWAF interest expense	$	(1,560)

Debt Service
2005 SRF
Adjustment #11

Debt - 2005 SRF revenue requirement	$	61,000
Less : test year expenditures	$	52,000
Equals : decrease in Debt Service - 2005 SRF	$	9,000

Debt Service
2005 SRF Interest Expense
Adjustment #12

Debt - 2005 SRF interest expense revenue requirement	$	22,019
Less : test year expenditures	$	30,744
Equals : decrease in Debt Service - 2005 SRF interest expense	$	(8,726)

Whitestown Municipal Utilities
Water Utility

Debt Service
2009 SRF
Adjustment #13

Debt - 2009 SRF revenue requirement	$ 155,000
Less : test year expenditures	$ 130,000
Equals : increase in Debt Service - 2009 SRF	$ 25,000

Debt Service
2009 SRF Interest Expense
Adjustment #14

Debt - 2009 SRF interest expense revenue requirement	$ 77,402
Less : test year expenditures	$ 97,181
Equals : decrease in Debt Service - 2009 SRF interest expense	$ (19,779)

Debt Service
2010 SRF
Adjustment #15

Debt - 2010 SRF revenue requirement	$ 65,000
Less : test year expenditures	$ 55,000
Equals : increase in Debt Service - 2010 SRF	$ 10,000

Whitestown Municipal Utilities
Water Utility

Debt Service
2010 SRF Interest Expense
Adjustment #16

Debt - 2010 SRF interest expense revenue requirement	$	25,856
Less : test year expenditures	$	29,706
Equals : decrease in Debt Service - 2010 SRF interest expense	$	(3,850)

Debt Service
Proposed 2013 SRF
Adjustment #17

Debt - Proposed 2013 SRF revenue requirement	$	135,000
Less : test year expenditures	$	-
Equals : increase in Debt Service - Proposed 2013 SRF	$	135,000

Debt Service
Proposed 2013 SRF Interest Expense
Adjustment #18

Debt - Proposed 2013 SRF interest expense revenue requirement	$	54,700
Less : test year expenditures	$	-
Equals : increase in Debt Service - Proposed 2013 SRF interest expense	$	54,700

Whitestown Municipal Utilities
Water Utility

Debt Service
Proposed Rural Development Loan
Adjustment #19

Debt - Proposed Rural Development Loan revenue requirement	$	5,000
Less : test year expenditures	$	-
Equals : increase in Debt Service - Proposed Rural Development Loan	$	5,000

Debt Service
Proposed Rural Development Loan Interest Expense
Adjustment #20

Debt - Proposed Rural Development Loan interest expense revenue requirement	$	15,638
Less : test year expenditures	$	-
Equals : increase in Debt Service - Proposed Rural Development Loan interest expense	$	15,638

Cash Financed Capital Additions
Extensions and Replacements / Depreciation
Adjustment #21

Utility Plant In-Service	$	27,320,727
Times: depreciation rate		2.00%
Potential amount for Cash Financed Capital Additions - Extensions and replacements / depreciation	$	546,415
Cash Financed Capital Additions - Extension and replacements / depreciation revenue requirement	$	230,000
Less : test year expenditures	$	160,000
Equals : increase in Cash Financed Capital Additions - Extension and replacements / depreciation	$	70,000

APPENDIX D

WHITESTOWN MUNICIPAL UTILITIES - WATERWORKS
STATEMENT OF NET ASSETS
AS OF DECEMBER 31, 2012 AND 2011
(UNAUDITED)

	2012	2011
ASSETS		
Current assets:		
Cash and cash equivalents	$ 486,881	$ 494,044
Restricted cash, cash equivalents and investments	1,155,805	1,297,774
Total cash and investments	1,642,686	1,791,818
Accounts receivable (net of allowance for uncollectables)	20,242	44,081
Notes receivable	100,000	100,000
Other assets	(2,848)	459
Total current assets	1,760,080	1,936,358
Noncurrent assets:		
Unamortized issuance cost	701,330	755,412
Capital Assets:		
Land, improvements to land and construction in progress	14,508,225	13,371,229
Total noncurrent assets	15,209,556	14,126,641
Total assets	$ 16,969,636	$ 16,063,000
LIABILITIES AND NET ASSETS		
Current liabilities:		
Accounts payable	$ 196,894	$ 194,640
Capital lease payable - current portion	-0-	4,666
Customer deposits	7,871	11,005
Total current liabilities	204,765	210,312
Noncurrent liabilities:		
Grant anticipation note	1,400,000	1,400,000
SWAF	80,292	87,774
2005 SRF	924,000	1,026,000
2009 SRF	2,745,172	3,000,172
2010 SRF	1,162,939	1,019,210
Total noncurrent liabilities	6,312,403	6,533,156
Total liabilities	6,517,168	6,743,468
Net assets:		
Net assets - invested in capital, net of related debt	1,049,368	3,876,874
Contributed Capital	9,452,402	5,018,448
Unrestricted Net Assets	(49,302)	424,210
Total Net Assets	10,452,468	9,319,532
Total Liabilities & Net Assets	$ 16,969,636	$ 16,063,000

WHITESTOWN MUNICIPAL UTILITIES - WATERWORKS
STATEMENT OF REVENUES, EXPENSES AND CHANGES IN FUND NET ASSETS
AS OF DECEMBER 31, 2012 AND 2011
(UNAUDITED)

	2012	2011
Operating revenues:		
Metered sales	$ 1,532,492	$ 1,361,052
Fire protection	209,716	194,953
Hydrant rental	92,882	121,094
Capacity fees	72,954	95,049
Misc. service revenue	35,920	104,990
Meter deposit fees	36,134	29,066
Water permits	2,800	2,950
Inspection fees	5,600	4,600
Tap fees	29,700	21,950
Account set up fees	34,881	36,174
Total operating revenues	2,053,078	1,971,879
Operating expenses:		
Personal services	220,612	194,784
Purchased water and sewer	424,681	274,978
Utilities	41,191	27,410
Chemicals, supplies, & materials	19,573	33,750
Contractual services	392,830	273,246
Transportation	34,582	26,050
Insurance claims and premiums	4,052	20,984
Billing and printing	14,266	12,332
Utility receipts tax	28,885	20,103
PILOT	71,826	71,826
Sales tax	131,613	173,078
Other expenses	39,629	24,086
Depreciation	292,530	267,731
Total operating expenses	1,716,268	1,420,359
Operating income (loss)	336,810	551,519
Nonoperating revenues (expenses):		
Interest and investment revenue	183	155
Transfer of funds	(95,764)	4,525
Interest expense	(240,529)	(88,600)
Amortization of debt issuance costs	(50,001)	(43,389)
Total nonoperating revenue (expenses)	(386,112)	(127,310)
Changes in net assets	(49,302)	424,210
Total net assets - beginning	9,319,532	8,895,322
Total net assets - ending	$ 9,270,230	$ 9,319,532

APPENDIX E

Whitestown Municipal Utilities
Water Utility

Development of Commodity Allocation Factor

Customer Class		Metered Water Sales (CCF)		Plus: % Losses		Total CCF at the Source		% of Total
Residential		123,514		32.66%		163,854		60.27%
Commercial		81,422		32.66%		108,015		39.73%
TOTAL		204,936				271,869		100.00%

Allocation Factor

(COMM-1)

Whitestown Municipal Utilities
Water Utility

Development of Capacity Allocation Factor

Customer Class		Total CCF at the Source		Average Day Use in MGD*		Peaking Factor		Peak Day Use (MGD)		% of Total
Residential		163,854		0.33579		2.90		0.97378		69.84%
Commercial		108,015		0.22136		1.90		0.42058		30.16%
TOTAL		271,869						1.3944		100.00%

Actual Peak Day 1.4000

Allocation Factor **(CAP-1)**

Note: 748 Gallons = 1 CCF
*Average Day in MGD Conversion + Annual CCF*748/1,000,000/365*

Whitestown Municipal Utilities
Water Utility

Development of Customer Allocation Factor

Customer Class	Average Number of Customers	% of Total	Customer Accounting Weighting Factor	Customers Weighted for Customer Accounting	% of Total	Meters & Services Weighting Factor*	Weighted Customer	% of Total
Residential	1,736	93.03%	1.0	1,736	89.90%	$ 125.00	$ 217,000	83.91%
Commercial	130	6.97%	1.5	195	10.10%	320.00	41,600	16.09%
TOTAL	1,866	100.00%		1,931	100.00%		$ 258,600	100.00%
Allocation Factor		(CUST-1)			(CUST-2)			(CUST-3)

Whitestown Municipal Utilities
Water Utility

Development of Public Fire Protection Allocation Factor

Customer Class		Number of Units		Public Fire Protection Requirements (Gallons/Minute)			Duration (Minutes)*	Total FP Requirement (MG)		% of Total
Residential		1,736		1,250	Gallons/Min		60	130		54.39%
Commercial		130		3,500	Gallons/Min		240	109		45.61%
TOTAL		1,866						239		100.00%

Allocation Factor

(PFP-1)