

Line No.	Original Cost Rate Base	RCND	Fair Value Rate Base	
	[A]	[B]	[C]	
1	\$ 2,359,994	\$ 3,439,349	\$ 2,899,672	Average ([A] + [B])
2				
3	\$ 67,510	\$ 67,510	\$ 67,510	(b)
4				
5	2.86%	1.96%	2.33%	Line [3] / Line [1]
6				
7	\$ 178,910	\$ 178,910	\$ 178,910	Line [1] * Line [11]
8				
9	7.33%	7.33%	7.33%	(d)
10	0.25%	-2.13%	-1.16%	(d)
11	7.58%	5.20%	6.17%	Sum Line [9-10]
12				
13	\$ 111,399	\$ 111,399	\$ 111,399	Line [7] - Line [3]
14				
15	1.65	1.65	1.65	(c)
16				
17	\$ 183,809	\$ 183,809	\$ 183,809	Line [13] * Line [15]
18				
19				
20	Customer	Annualized	Proposed	Dollar
21	Classification	Rates (e)	Rates (e)	Increase
22		[A]	[B]	[C] = [B] - [A]
23	Residential	\$ 797,809	\$ 985,405	\$ 187,596
24	Commercial	34,089	37,803	3,713
25	Commercial Large	72,792	65,597	(7,195)
26	OPA	-	-	-
27	Private Fire	20,044	17,180	(2,864)
28	Irrigation	9,430	9,762	332
29	Other Revenues			-
30				
31				
32	Total Water Revenues	\$ 934,165	\$ 1,115,746	\$ 181,582
33				19.44%
34	Other Revenues	\$ 8,340	\$ 10,567	\$ 2,227
35				26.70%
36	Total Revenues	\$ 942,505	\$ 1,126,313	\$ 183,809
37				19.50%
38		Sch C-2 [AP]	Sch C-2 [AR]	
39	Check From Sch C-2	\$ 942,505	\$ 1,126,314	
40		\$ 0	\$ 0	Line [36] - Line [33]
41				
42				
43	Supporting Schedules			
44	(a) B-1			
45	(b) C-1			
46	(c) C-3			
47	(d) D-1			
48	(e) H-1			
49				
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Line No.	Description	Prior Years Ended		Test Year		Projected Year		
		<u>12/31/2014</u>	<u>12/31/2015</u>	Actual <u>12/31/2016</u>	Adjusted <u>12/31/2016</u>	Present Rates <u>12/31/2017</u>	Proposed Rates <u>12/31/2017</u>	
1	Gross Revenues	(b)	(b)	(b) \$ 628,822	\$ 942,505 (a) (e)	\$ 942,505	\$ 1,126,314 (e)	
2								
3	Revenue Deductions and							
4	Operating Expenses	(b)	(b)	(b) \$ 657,659	\$ 892,310 (a) (e)	\$ 892,310	\$ 947,680 (e)	
5								
6	Operating Income			\$ (28,836)	\$ 50,195	\$ 50,195	\$ 178,633	Line [1] - Line [4]
7								
8	Other Income and							
9	Deductions	(b)	(b)	(b) \$ (81)	\$ (81) (a) (e)	\$ (81)	\$ (81) (e)	
10								
11	Interest Expense	(b)	(b)	(b) \$ 71,174	\$ 52,628 (a) (e)	\$ 52,628	\$ 52,628 (e)	
12								
13	Net Income			\$ (99,930)	\$ (2,352)	\$ (2,352)	\$ 126,086	Line [6] - Sum Lines [9-11]
14								
15	Earned Per Average							
16	Common Share			\$ (35)	\$ (1)	\$ (1)	\$ 44	
17								
18	Dividends Per							
19	Common Share			\$ 138.57	\$ 138.57	\$ 138.57	\$ 138.57	
20								
21	Payout Ratio			-395%	-16778%	-16778%	313%	
22								
23	Return on Average							
24	Invested Capital	(d)	(d)	(d) -4.23%	-0.10% (d) (d)	-0.10%	5.33% (d)	
25								
26	Return on Year End Capital	(d)	(d)	(d) -4.23%	-0.10% (d) (d)	-0.10%	5.34% (d)	
27								
28	Return on Average							
29	Common Equity	(c)	(c)	(c) -8.81%	-0.21% (c) (c)	-0.21%	11.10% (c)	
30								
31	Return on Year End							
32	Common Equity	(c)	(c)	(c) -8.81%	-0.21% (c) (c)	-0.21%	11.10% (c)	
33								
34	Times Bond Interest Earned							
35	Before Income Taxes			0.89	1.46	1.46	4.87	
36								
37	Times Total Interest and							
38	Preferred Dividends Earned							
39	After Income Taxes			(0.06)	0.11	0.11	0.40	
40								
41								
42								
43								
44	Supporting Schedules							
45	(a) C-1 (d) D-1							
46	(b) E-2 (e) F-1							
47	(c) E-4							
48								
49	Workpapers and Supporting Documents							
50	\2016 Willow Valley Water.xlsm							

Line No.	Description	Prior Years Ended		Test Year	Projected Year	
		12/31/2014	12/31/2015	12/31/2016	12/31/2017	
1	Short-Term Debt	\$ -	\$ -	\$ 8,560,000 (b)	\$ -	
2	Long-Term Debt	(c) \$ -	\$ -	(c) \$ 234,897,306 (b)	\$ 242,820,000	
3						
4	Total Debt	\$ -	\$ -	\$ 243,457,306	\$ 242,820,000	Line [1] + Line [2]
5						
6						
7	Preferred Stock	\$ -	\$ -	\$ -	\$ -	
8						
9	Common Equity	(c) \$ -	\$ -	(c) \$ 225,225,834 (a)	\$ 225,225,834	
10						
11						
12	Total Capital & Debt	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 468,683,140</u>	<u>\$ 468,045,834</u>	Line [4] + Line [9]
13						
14						
15	Capitalization Ratios:					
16	Short-Term Debt			1.83%	0.00%	Line [1] / Line [12]
17	Long-Term Debt			50.12%	51.88%	Line [2] / Line [12]
18						
19	Total Debt			51.94%	51.88%	Line [16] + Line [17]
20						
21						
22	Preferred Stock			0.00%	0.00%	Line [7] / Line [12]
23						
24	Common Equity			48.06%	48.12%	Line [9] / Line [12]
25						
26						
27	Total Capital			100.00%	100.00%	Line [19] + Line [24]
28						
29	Weighted Cost of					
30	Short-Term Debt	(a)	(a)	0.01% (a)	0.00%	
31						
32	Weighted Cost of					
33	Long-Term Debt	(a)	(a)	2.16% (a)	2.16%	
34						
35	Weighted Cost of					
36	Senior Capital	(a)	(a)	2.16% (a)	2.16%	
37						
38						
39						
40						
41						
42						
43	Supporting Schedules					
44	(a) D-1					
45	(b) D-2					
46	(c) E-1					
47						
48	Workpapers and Supporting Documents					
49						
50	\2016 Willow Valley Water.xlsm					

Willow Valley Water

Test Year Ended December 31, 2016

Construction Expenditures and Gross Utility Plant in Service

Exhibit
Schedule A-4
Page 1
Witness: Hubbard

Line No.			Construction Expenditures [A]		Net Plant Placed in Service [B]		Gross Utility Plant in Service [C]
1							
2	Prior Year Ended	12/31/2014	(a) \$ 5,671		\$ -		(a) \$ 5,157,016
3							
4	Prior Year Ended	12/31/2015	(a) \$ 37,781	[C] Line [4] - [C] Line [2]	\$ 37,781		(a) \$ 5,194,797
5							
6	Test Year Ended	12/31/2016	(a) \$ 150,755	[C] Line [6] - [C] Line[4]	\$ 210,673		(a) \$ 5,405,470
7							
8	Projected Year Ended	12/31/2017	(b) \$ 297,541	[C] Line [8] - [C] Line[6]	\$ 364,785	[C] Line [6] + [B] Line [8]	\$ 5,770,255
9							
10	Projected Year Ended	12/31/2018	(b) \$ 256,186	[C] Line [10] - [C] Line [8]	\$ 204,732	[C] Line [8] + [B] Line [10]	\$ 5,974,986
11							
12	Projected Year Ended	12/31/2019	(b) \$ 223,109	[C] Line [12] - [C] Line [10]	\$ 178,298	[C] Line [10] + [B] Line [12]	\$ 6,153,284
13							
14							
15							
16							
17							
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32							
33							
34							
35							
36							
37							
38							
39							
40							
41	Supporting Schedules						
42	(a) E-1						
43	(b) \2016-2025 Capital Budget.xlsx						
44							
45	Workpapers and Supporting Documents						
46	\2016-2025 Capital Budget.xlsx						
47							
48							
49							
50	\2016 Willow Valley Water.xlsm						

Line No.	Prior Year Ended (a) <u>12/31/2014</u>	Prior Year Ended (a) <u>12/31/2015</u>	Test Year Ended (a) <u>12/31/2016</u>	Projected Year	
				Present Rates (b) <u>12/31/2017</u>	Proposed Rates (b) <u>12/31/2017</u>
5	<u>Source of Funds</u>				
6	From Operations				
7	\$ -	\$ -	\$ (99,930)	\$ 14,963	\$ 126,086
8	-	-	110,959	278,635	278,635
9	-	-	-	-	-
10	-	-	277,794	277,794	277,794
11	-	-	-	-	-
12	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 288,824</u>	<u>\$ 571,393</u>	<u>\$ 682,516</u>
13	From Financing				
14	-	-	64,721	64,721	64,721
15	-	-	392,076	392,076	392,076
16	-	-	1,980,769	1,980,769	1,980,769
17	(Decrease) / Increase in Net Amounts				
18	-	-	2,191,528	2,191,528	2,191,528
19	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 4,629,094</u>	<u>\$ 4,629,094</u>	<u>\$ 4,629,094</u>
20	Total From Financing				
21	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 4,917,918</u>	<u>\$ 5,200,487</u>	<u>\$ 5,311,610</u>
22	Total Funds Provided				
23	<u>Application of Funds</u>				
24	-	-	150,755	297,541	297,541
25	-	-	-	7,364	7,364
26	-	-	40,717	40,717	40,717
27	-	-	(23,372)	(23,372)	(23,372)
28	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 168,100</u>	<u>\$ 322,251</u>	<u>\$ 322,251</u>
29	Total Funds Applied				
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43	Supporting Schedules				
44	(a) E-3				
45	(b) F-2				
46					
47	Workpapers and Supporting Documents				
48					
49					
50	\2016 Willow Valley Water.xlsm				

Sum Lines [7-11]

Sum Lines [14-18]

Line [12] + Line [19]

Sum Lines [24-27]