



STAFF REPORT

TO: Board of Directors
THRU: Mark Foree, General Manager
FROM: John Erwin/Jeff Tissier
DATE: 10 November 2011
SUBJECT: **First reading of potential water rate adjustment with proposed implementation for the first billing cycle in February, 2012 after second reading on January 18, 2012**

RECOMMENDATION

Pursuant to the calendar approved by the Board at its September 21, 2011 meeting, staff submits for a first reading the proposed rate adjustments. Subsequent to the Standing Advisory Committee’s (SAC) review and support, staff is recommending a series of rate adjustments be phased in over 3 years as shown in Exhibit A. The second reading of this proposal is tentatively scheduled for the Board’s January 18, 2012 meeting with the Year 1 rate adjustments to be effective the first billing cycle in February 2012.

DISCUSSION

At the Board’s October 19, 2011 meeting Staff presented its analysis of TMWA’s projected cost of service and the basis for recommending rate adjustments shown here:

Annual Operation & Maintenance Costs	\$28,180
Annual Administration & General Costs	<u>10,764</u>
Subtotal	38,943
Annual Interest Costs	21,299
Annual Principle Payment	10,697
Repair & Replacement Costs	<u>16,560</u>
Subtotal Cost of Service (FY2014)	\$87,500
Credits to Cost of Service from:	
Hydroelectric Revenues	(2,710)
Other Revenues	(1,790)
Investment Income	<u>(2,412)</u>
Subtotal Revenue Credits	<u>(6,912)</u>
Total Revenues Required from Rates	80,588
Less: Revenues from Rates (FY2011)	<u>71,717</u>
Equals: Surplus/(Deficit) Revenues over Costs	<u>\$(8,871)</u>

The approximate \$9 million gap indicated above is based upon the most recent five year financial forecast that has been reviewed by Public Financial Management (PFM), TMWA's financial advisor. The period covered by the financial forecast is FY2012 through FY2016.

Despite overall reduction in operating costs of over \$7.3 million (18%) in the past 2 years, TMWA will experience escalating costs of operations (particularly electrical pumping costs), declining investment income (due to declining cash balances and lower rates of return on maturing investments stemming from the recession), downward trends in customer usage patterns being experienced locally and nationally, and minimal-to-no expected growth in services in the near future. All these aforementioned conditions will continue to challenge TMWA's financial position. These negative consequences can challenge TMWA's ability to renew the letter of credit which supports TMWA's tax-exempt commercial paper program (TECP) that currently provides TMWA with extremely low-cost debt as compared to comparable fixed rate alternatives. Also TMWA may have other debt-management opportunities if financial strength can be preserved. Debt management is a key area for managing future cost of service to produce water since TMWA has done as much as possible in controlling operating expenses. To preserve its ability to access low-cost capital, TMWA must continue to strengthen its senior lien debt coverage ratio in a manner satisfactory to the credit rating agencies and capital markets. TMWA has established certain financial metrics to be achieved consistent with credit rating and bond market expectations. Credit rating agencies are concerned about TMWA's responsibility to protect its creditors. TMWA's unrestricted cash balance is not an element of its debt coverage ratios (DSC), only ongoing operating revenues and investment income count toward the coverage ratio since developer fee collections are virtually non-existent. Although unrestricted cash balances are not a part of the DSC calculations, these balances have been a key element in preserving TMWA's credit ratings since these balances currently demonstrate strong liquidity. A significant decline in unrestricted cash reserves can have serious ramifications in the future.

The following table illustrates how the senior lien debt coverage ratio is calculated for purposes of meeting the requirements of the bond contracts and how it is calculated for purposes of accessing future capital. Based upon projected operating expenses in FY2014, TMWA's senior lien debt coverage could slip under the minimum required to meet a major bond covenant much like was experienced in fiscal year 2009 when TMWA's credit rating was put on negative watch by Fitch Ratings.

Revenues from Customer Rates	\$71,717
Hydroelectric Revenues	2,710
Other Revenues	1,790
Investment Income	<u>2,412</u>
Total Revenues	78,629
Less: Operating Costs	<u>38,943</u>
Equals: Net Revenues	\$39,686
Divided by: Senior Lien Debt	\$31,996
Equals: Senior Lien Coverage Ratio	<u>1.24</u>

Proposed Rates

Since its inception, the Board has embraced the philosophy that every customer, whether new or existing, should pay their reasonable share for the service they use. Furthermore, TMWA sets its pricing to recover its costs of providing service while encouraging efficient use of resources and facilities through appropriate pricing signals by:

1. Adjusting rates to meet current financial needs but phasing-in any rate increase to reduce the impact of a single large adjustment thereby allowing time for economic conditions to improve.
2. Moving customer rates toward cost of service to avoid cross-subsidization between rate classes.
3. Minimizing the number and size of rate adjustments as much as possible when comparing the findings of the cost allocation to proposed rates required.

Exhibit A contains the rate design and the revised cost of service workpapers¹ that were presented to the SAC on November 1, 2011. The rate adjustments along with anticipated “normal” spring/summer weather patterns yielding higher water sales, continued diligence to control expenses thereby reducing the revenue requirement, and any potential upward movement in the local economy over the next three year period allows for smaller annual adjustments and the possibility of reducing the revenue deficiency over the next few years.

First, second and third year proposed rates for the ¾ inch residential services are shown below. All other proposed rates are shown on the last pages--23 and 24-- of Exhibit A.

¹ NOTE: Presented and discussed with the SAC was the possibility there would be some changes in the cost of service resulting from minor errors in calculation discovered after the SAC meeting. The net result of the revised cost of service did not change the proposed rate adjustments but did result in a slight, yet immaterial, downward difference in total projected revenue after the three-year phase in of rates as shown here:

	Original Revenue Projection (\$x1000)	Revised Revenue Projection (\$x1000)	Delta Projected Revenues (\$x1000)
Year 1 Revenues	\$73,922	\$74,015	\$93
Year 2 Revenues	\$76,448	\$76,332	-\$116
Year 3 Revenues	\$77,790	\$77,675	-\$115
Net Change in Projected Revenues			-\$138

	Current	Proposed Year 1	Proposed Year 2	Proposed Year 3
3/4" Metered Rate Single Family Residence				
1 Average Monthly Bill	\$40.22	\$41.64	\$43.06	\$43.94
2 Delta Prior Year Avg Monthly Bill		\$1.42	\$1.42	\$0.88
3 Percent Delta Prior Year Avg Monthly Bill		3.53%	3.41%	2.04%
4 Average Daily Cost	\$1.32	\$1.37	\$1.41	\$1.44
5 Delta Prior Year Avg Daily Cost		\$0.05	\$0.04	\$0.03
3/4" Flat Rate Single Family Residence				
6 Average Monthly Bill	\$86.30	\$94.10	\$100.63	\$105.06
7 Delta Prior Year Avg Monthly Bill		\$7.80	\$6.53	\$4.43
8 Percent Delta Prior Year Avg Monthly Bill		9.04%	6.94%	4.40%
9 Average Daily Cost	\$2.84	\$3.09	\$3.31	\$3.45
10 Delta Prior Year Avg Daily Cost		\$0.25	\$0.22	\$0.14

The balance of Exhibit A contains the cost of service workpapers which functionalize, classify and allocate the cash expenditures that make up the FY2014 revenue requirement which was discussed above. After comparing current revenues by class to the calculated cost to serve a customer class, the rates are set to close the revenue-to-expense gap in combination with stringent cost controls.

Textual Revisions to Various Rate Schedules

Besides adjusting rates, staff is proposing some changes to the following rate schedules which are found on the pages of Exhibit B.

General Metered Water Service (GMWS)

- A. Based on analysis of most recent usage data, change the billing tiers to reflect current trends in usage. The following compares current tiers to the proposed tiers that would occur in YEAR 2 for this class of customers.

	CURRENT TIER BLOCKS			PROPOSED TIER BLOCKS		
	Tier 1	Tier 2	Tier 3	Tier 1	Tier 2	Tier 3
¾"	0 to 7	>7 and <=30	>30	0 to 7	>7 and <=30	>30
1"	0 to 14	>14 and <=65	>65	0 to 14	>14 and <=65	>65
1-½"	0 to 28	>28 and <=120	>120	0 to 28	>28 and <=120	>120
2"	0 to 55	>55 and <=210	>210	0 to 50	>50 and <=210	>210
3"	0 to 200	>200 and <=640	>640	0 to 165	>165 and <=640	>640
4"	0 to 380	>380 and <=1,300	>1,300	0 to 300	>300 and <=1,300	>1,300
6"	0 to 1,360	>1,360 and <=2,800	>2,800	0 to 1,000	>1,000 and <=2,600	>2,600
8"	0 to 1,475	>1,475 and <=7,400	>7,400	0 to 1,475	>1,475 and <=6,000	>6,000
10"	0 to 11,000	>11,000 and <=20,000	>20,000	0 to 9,500	>9,500 and <=15,000	>15,000

Note: units x1000 gallons

Metered Irrigation (MIS)

- A. Use new definition of ‘on-peak’ and ‘off-peak’ as follows:

“Off-Peak ~~Months~~Period”

“On-Peak ~~Months~~Period”

- B. Delete Special Condition #2 which is the definition of “Off-/On-Peak” that is being moved to Rule 1-Definitions.

Large Volume Service (LVS)

- A. Revise Special Condition 4 to reference “Winter Usage” which definition is found in Rule 1-Definitions.

“The Authority, in agreement with customers billed under this schedule, may annually adjust the tier usage level in this schedule which adjustment would be effective the first billing cycle in June. The adjustment made to Tier 1 would be based

on the average usage of in gallons per month using monthly billing data for the preceding Winter Usage months of December, January, February, and March.”

Firm Service Partial Requirements (FSPR)

- A. Replace all references to “Winter” or “Summer” Period to “Off-Peak” or “On-Peak” Period.
- B. Delete Special Condition #4 which is the definition of “Off-/On-Peak” that is being moved to Rule 1-Definitions.

Business Services Charges (BSF)

- A. Textual revisions.

“B.1 New Service or Modified ~~or expanded water s~~Service”

“B.1.c Commercial, industrial, tenant improvement, irrigation, fire protection.....”

“C.1. Tapping ~~at 3~~ up to 26 inch pipe hot tap...”

“C.2. Tapping ~~at 8~~ greater than 2 to 12 inch pipe hot tap...”

“C.1. Tapping for all other sizes greater than 12 inches are subject...”

- B. Move current fees found in Rule 7 to Schedule BSF for ease of Applicants to find all fees related to due diligence for water resources (see last page of Exhibit B).

SUMMARY

Staff’s current proposal is based on the projected costs summarized in TMWA’s 2012-2016 Funding Plan. The cost study and proposed rate adjustments are designed to collect sufficient revenues to cover FY2014 projected expenses.

Staff presented its cost study and recommended rate adjustment proposals to the Standing Advisory Committee on November 1, 2011. After lengthy constructive discussion, SAC endorsed staff’s recommendations on its rate proposals and 3-year phase-in subject to annual review of TMWA’s financial performance after implementation of Year 1 rate adjustments and prior to subsequent adjustments.

Staff held a public workshop the evening of November 9, 2011. Besides staff that was present, five customers (one being a SAC member) attended the meeting. After presenting information

identical to that presented at the SAC and to the Board at its October meeting, questions and discussion ensued on a range of topics including debt management, effective date of rates, implementation of 3-day-a-week watering and its effects on system operation/revenues, load characteristics of the different customer classes, revenue degradation, reinvestment in the water system, and tiering/rates for the metered classes. Two customers suggested the Board consider reducing the number of usage tiers to simplify the metered rate schedules and reduce the implication to customers that the third tier is viewed as a “penalty”.

SAC meets on December 1, 2011 at which time it will be updated as to customer workshop input and any other Board direction.

	Current	Proposed Year 1	Proposed Year 2	Proposed Year 3
3/4" Metered Rate Single Family Residence				
1 Average Annual Bill	\$482.62	\$499.66	\$516.70	\$527.26
2 Average Monthly Bill	\$40.22	\$41.64	\$43.06	\$43.94
3 Delta Prior Year Avg Monthly Bill		\$1.42	\$1.42	\$0.88
4 Percent Delta Prior Year Avg Monthly Bill		3.53%	3.41%	2.04%
5 Average Daily Cost	\$1.32	\$1.37	\$1.41	\$1.44
6 Delta Prior Year Avg Daily Cost		\$0.05	\$0.04	\$0.03
3/4" Flat Rate Single Family Residence				
7 Average Annual Bill	\$1,035.60	\$1,129.20	\$1,207.56	\$1,260.72
8 Average Monthly Bill	\$86.30	\$94.10	\$100.63	\$105.06
9 Delta Prior Year Avg Monthly Bill		\$7.80	\$6.53	\$4.43
10 Percent Delta Prior Year Avg Monthly Bill		9.04%	6.94%	4.40%
11 Average Daily Cost	\$2.84	\$3.09	\$3.31	\$3.45
12 Delta Prior Year Avg Daily Cost		\$0.25	\$0.22	\$0.14

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EXHIBIT "A"

TRUCKEE MEADOWS WATER AUTHORITY
 CLASSIFICATION OF NET PLANT
 (\$ In Thousands)

Line No.	Account Description	Acct. No.	Utility Results of Operations	Ref.	Commodity	Demand	Customer	Fire	TOTALS	Line No.
---	-----a-----	..b..	---c---	---d---	---e---	---f---	---g---	---h---	---i---	---
1	Water Rights	310	\$0	[1]	\$0				\$0	1
2	Land	310.1	0	[1]					\$0	1
3	Structures & Improvements	311	32,421		32,421				\$32,421	2
4	Collect. & Impound Reservoirs	312	0						\$0	3
5	Hydros	313	13,042		13,042				\$13,042	4
6	Wells	314	15,618			15,618			\$15,618	5
7	Supply Mains	316	0						\$0	6
8	<i>Total Source of Supply Plant</i>		61,082		45,463	15,618	0	0	61,082	8
9	Structures & Improvements	321	0	[1]					0	9
10	Electric Pumping Equipment	325	31,698		5,969	25,729			31,698	10
11	<i>Total Pumping Plant</i>		31,698		5,969	25,729	0	0	31,698	11
12	Land	330	0	[1]	0	0			0	12
13	Structures & Improvements	331	110,170		20,746	89,424			110,170	13
14	Water Treatment Equipment	332	0		0	0			0	14
15	<i>Total Water Treatment Plant</i>		110,170		20,746	89,424	0	0	110,170	15
16	Land	340	0	[1]	0	0			0	16
17	Structures & Improvements	341	0		0	0			0	17
18	Distribution-Tanks	342	49,265		7,655	32,999		8,612	49,265	18
19	Dist. Reservoirs-Hunter & Highland	342.1	7,866		1,424	6,140		302	7,866	19
20	Dist. & Trans. Mains	343	208,480		39,258	169,222		0	208,480	20
21	Dist. & Trans. Mains	343.1	34,221		6,444	27,777		0	34,221	21
22	Services	345	49,090				49,090		49,090	22
23	Meters	346	17,827				17,827		17,827	23
24	Meter Facility Installations	347	0				0		0	24
25	Hydrants	348	513					513	513	25
26	<i>Total Transmission & Distribution Plant</i>		367,261		54,781	236,137	66,917	9,427	367,261	26
27	Land	389	0	[1]	0	0		0	0	27
28	Building	389.1	7,986	A	1,778	5,138	937	132	7,986	28
29	Leasehold Improvements	390	0	A	0	0	0	0	0	29
30	Office Furniture & Eqp.	391	198	A	44	128	23	3	198	30
31	Computer & Data Processing Equipment	391.1	915	A	204	589	107	15	915	31
32	Transportation Equipment	392	886	A	197	570	104	15	886	32
33	Laboratory Equipment	395	20	A	5	13	2	0	20	33
34	Miscellaneous General Eqp.	398	0	A	0	0	0	0	0	34
35	<i>Total General Plant & Equipment</i>		10,006		2,228	6,438	1,174	165	10,006	35
36	TOTAL PLANT & EQUIPMENT		\$580,217		\$129,187	\$373,346	\$68,091	\$9,592	\$580,217	36

[1] Non-production related balance sheet items:

Water Rights	310	\$90,815
Land - all	330	11,138
Land - corporate		1,300
CWIP		4,074

		107,327
		580,217

Plant Balance FY08		\$687,544
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C-2.

TRUCKEE MEADOWS WATER AUTHORITY
 CLASSIFICATION OF REPAIR & REPLACEMENT
 (\$ In Thousands)

Line No.	Account Description	Acct. No.	Utility Results of Operations	Ref.	Repair and Replacement Components				TOTALS	Line No.
					Commodity	Demand	Customer	Fire		
	a	b	c	d	e	f	g	h		
1	Water Rights	310	\$0		\$0			\$0	1	
2	Land	310.1	0		0			\$0	2	
3	Structures & Improvements	311	623		623	0		\$623	3	
4	Collect. & Impound Reservoirs	312	0		0			\$0	4	
5	Hydros	313	234		234	0		\$234	5	
6	Wells	314	1,048			1,048		\$1,048	6	
7	Supply Mains	316	0					\$0	7	
8	<i>Total Source</i>		1,908		857	1,048	0	1,908	8	
9	Structures & Improvements	321	0					0	9	
10	Electric Pumping Equipment	325	1,221		230	991		1,221	10	
11	<i>Total Pumping Plant</i>		1,221		230	991	0	1,221	11	
12	Land	330	0		0	0		0	12	
13	Structures & Improvements	331	3,674		692	2,982		3,674	13	
14	Water Treatment Equipment	332	0		0	0		0	14	
15	<i>Total Water Treatment</i>		3,674		692	2,982	0	3,674	15	
16	Land	340	0		0	0		0	16	
17	Structures & Improvements	341	0		0	0		0	17	
18	Distrib. Resrv. & Standpipes	342	945		147	633	165	945	18	
19	Dist. Reservoirs-Hunter & Highland	342.1	279		51	218	11	279	19	
20	Dist. & Trans. Mains	343	3,213		605	2,608		3,213	20	
21	Dist. & Trans. Mains	343.1	527		99	428		527	21	
22	Services	345	2,819				2,819	2,819	22	
23	Meters	346	1,356				1,356	1,356	23	
24	Meter Facility Installations	347	0				0	0	24	
25	Hydrants	348	10				10	10	25	
26	<i>Total Transmission & Distribution</i>		9,150		902	3,887	4,175	9,150	26	
27	Land	389	0	A	0	0	0	0	27	
28	Building	389.1	131	A	29	85	15	131	28	
29	Leasehold Improvements	390	0	A	0	0	0	0	29	
30	Office Furniture & Eqp.	391	51	A	11	33	6	51	30	
31	Computer & Data Processing Equipment	391.1	202	A	45	130	24	202	31	
32	Transportation Equipment	392	221	A	49	142	26	221	32	
33	Laboratory Equipment	395	4	A	1	2	0	4	33	
34	Miscellaneous General Eqp.	398	0	A	0	0	0	0	34	
35	<i>Total General Plant & Equipment</i>		609		136	392	72	609	35	
36	TOTAL REPAIR & REPLACEMENT		\$16,560		\$2,817	\$9,300	\$4,247	\$16,560	36	

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TRUCKEE MEADOWS WATER AUTHORITY

CLASSIFICATION OF O&M and A&G
 (\$ In Thousands)

Line No.	Account Description	Acct. No.	Utility Results of Operations	Ref.	O&M and A&G Components				TOTALS	Line No.
					Commodity	Demand	Customer	Fire		
---	-----a-----	--b--	---c---	---d---	---e---	---f---	---g---	---h---	---	
1	Supply Labor Expense	601	969		969			969	1	
2	Purchased Power	602	16		13	3		16	2	
3	Licenses & permits	603.1	1,431				1,434	1,434	3	
4	Supplies	603.2	114		114			114	4	
5	Outside services	603.3	431		431			431	5	
6	River Fund	603.5	1,078				1,078	1,078	6	
7	Rents	604	14		14			14	7	
8	<i>Total Source of Supply Expenses</i>		4,056		1,542	3	2,512	4,056	8	
9	Pumping Labor & Expenses	624	0		0	0		0	9	
10	Purchased Power	626	4,820		3,899	921		4,820	10	
11	Supplies	626.1	58		11	47		58	11	
12	Outside services	626.3	0		0	0		0	12	
13	Rents	627	0		0	0		0	13	
14	<i>Total Pumping Expenses</i>		4,878		3,910	988	0	4,878	14	
15	Supplies	641	289		54	235		289	15	
16	Supplies-Chemicals	641.1	1,747		1,747			1,747	16	
17	Purchased Power	641.2	1,766		1,429	337		1,766	17	
18	Operation Labor & Expense	642	2,347		442	1,905		2,347	18	
19	Miscellaneous Expense	643	31		6	25		31	19	
20	Rents	643.1	27			27		27	20	
21	Licenses & permits	643.2	77				77	77	21	
22	Maint. Water Treatment Eq.	652	704		133	572		704	22	
23	<i>Total Water Treatment Expenses</i>		6,988		3,810	3,101	77	6,988	23	
24	Operation Supervision & Eng.	660	0			0		0	24	
25	Customer Installation Expenses	664	490			490		490	25	
26	Miscellaneous Expense	665	108		13	56	13	108	26	
27	Rents	666	20		4	16		20	27	
28	Supplies	666.1	331		39	171	83	334	28	
29	Outside services	666.2	0		0	0		0	29	
30	Purchased Power	666.3	0		0	0		0	30	
31	Maint. Dist. Resrv./Standpipes	672	506		84	360		506	31	
32	Maint. Dist. & Trans. Mains	673	2,523		475	1,679	369	2,523	32	
33	Maint. Dist. & Trans. Mains - Large	673.1	414		78	336		414	33	
34	Maint. Services	675	634				634	634	34	
35	Maint. Water Meters	676	230				230	230	35	
36	<i>Total Transmission & Distribution Expenses</i>		5,260		693	2,619	1,464	5,260	36	
37	Supervision & Labor	901	3,286				3,286	3,286	37	
38	Meter Reading	902	0			0		0	38	
39	Cust. Records & Coll. Exp.	903	3,544			3,544		3,544	39	
40	Uncollectible Accounts	904	309			309		309	40	
41	Misc. Cust. Service & Info. Exp.	909	247			247		247	41	
42	Rents	909.1	0			0		0	42	
43	Supplies	909.2	272			272		272	43	
44	Outside services	909.3	90			90		90	44	
45	<i>Total Customer Service & Information Expense</i>		7,748		0	0	7,748	7,748	45	
46	TOTAL OPERATION & MAINTENANCE EXPENSE		28,931		9,955	6,690	11,801	28,931	46	
47	Admin. & General Salaries	920	954	B	197	232	504	954	47	
48	Office Supplies Expenses	921	986	B	204	240	521	986	48	
49	Outside Services	923	1,242	B	257	302	657	1,242	49	
50	Insurance	924	534	A	119	343	63	534	50	
51	Injuries & Damages	925	11	B	2	3	6	11	51	
52	Employee Pensions	926.1	2,739	C	492	1,029	1,115	2,739	52	
53	Employee Benefits	926.2	3,135	C	563	1,177	1,276	3,135	53	
54	Misc. General Expense	930.2	357	B	74	87	189	357	54	
55	Rents	931	2	B	0	0	1	2	55	
56	Main. of General Plant	935	66	B	14	16	35	66	56	
57	TOTAL ADMINISTRATION & GENERAL EXP.		10,026		1,922	3,429	4,366	10,026	57	
58	TOTAL O&M and A&G		38,957		11,877	10,119	16,167	38,957	58	
59	Interest Expense		21,299	A	4,742	13,705	2,500	21,299	59	
60	Principle		10,697	A	2,362	6,883	1,255	10,697	60	
61	TOTAL CASH OUTLAYS		\$70,954		\$19,001	\$30,708	\$19,922	\$70,954	61	

A Classified on Net Plant
 B Classified on Accounts 600-909 less (623,626,641.2, 666.3)
 C Classified on labor Accounts 601, 624, 642, 660, 672-676, 901

TRUCKEE MEADOWS WATER AUTHORITY

CLASSIFICATION OF REVENUE REQUIREMENTS
 (\$ In Thousands)

Line No.	Description	Utility Results of Operations	Commodity	Demand	Customer	Fire	TOTALS
---	-----a-----	-----b-----	-----c-----	-----d-----	-----e-----	-----f-----	-----g-----
1	Total O&M	\$28,931	\$9,955	\$6,690	\$11,801	\$485	\$28,931 1
2	Total A&G	10,026	1,922	3,429	4,366	309	10,026 2
	Subtotal	38,957	11,877	10,119	16,167	795	38,957
3	Interest	21,299	4,742	13,705	2,500	352	21,299 3
4	Principle	10,697	2,382	6,883	1,255	177	10,697 4
5	Repair & Replacement	16,560	2,817	9,300	4,247	195	16,560 5
6	TOTAL REVENUE REQUIRED	\$87,514	\$21,818	\$40,009	\$24,169	\$1,519	\$87,514 6
7	Hydroelectric Revenues	(2,710)					(2,710) 7
8	Other Revenues	(1,790)					(1,790) 8
9	Investment Income	(2,412)					(2,412) 9
10	Subtotal Revenue Credits	(6,912)	0	0	0	0	(6,912) 10
11	TOTAL REVENUE REQUIRED FROM RATES	\$80,602	\$21,818	\$40,009	\$24,169	\$1,519	\$80,602 11

TRUCKEE MEADOWS WATER AUTHORITY
 COMMODITY AND DEMAND ALLOCATORS

a	Total Avg. Annl Usage (Mgals)	COMMODITY	Total Avg. Annl Usage (Mgals)	COMMODITY	Peak Month for: All Accts; All Accts xcpt Wells; All Accts xcpt Wells/Tanks/Dist						
		101	101a	Peak Month (Mgals)	DEMAND	Peak Month (Mgals)	DEMAND	Peak Month (Mgals)	DEMAND		
b	c	d	e	f	g	h	i	j	k		
1. Schedule RFWS	3/4"										
	1"										
	1-1/2"										
	2"										
	3"										
	4"										
	6"										
		1,761.851	0.080797	1,761.851	0.087237	305.718	0.091308	305.718	0.091308	305.718	0.097370
2. Schedule SUFR	3/4"	150.680	0.006910	150.680	0.007461	24.922	0.007443	24.922	0.007443	24.922	0.007938
3. Schedule MRIS	3/4"										
	1"										
	1-1/2"										
	2"										
	3"										
	4"										
	6"										
	8"										
	10"										
		1,754.593	0.080464	1,754.593	0.086877	182.928	0.054634	182.928	0.054634	182.928	0.058262
4. Schedule MRFS	3/4"										
	1"										
	1-1/2"										
	2"										
	3"										
	4"										
	6"										
		91.188	0.004182	91.188	0.004515	11.828	0.003533	11.828	0.003533	11.828	0.003767
Total Residential Flat Rate		3,758.312	0.172353	3,758.312	0.186090	525.396	0.156918	525.396	0.156918	525.396	0.167337
B. RESIDENTIAL METERED											
1. Schedule RMWS	3/4"										
	1"										
	1-1/2"										
	2"										
	3"										
	4"										
	6"										
		9,048.930	0.414975	9,048.930	0.448050	1,506.431	0.449920	1,506.431	0.449920	1,506.431	0.479794
2. Schedule MMWS	3/4"										
	1"										
	1-1/2"										
	2"										
	3"										
	4"										
	6"										
	8"										
	10"										
		1,184.697	0.054329	1,184.697	0.059659	118.381	0.035356	118.381	0.035356	118.381	0.037704
Total Residential Metered		10,233.627	0.469304	10,233.627	0.506709	1,624.812	0.485276	1,624.812	0.485276	1,624.812	0.517498
TOTAL RESIDENTIAL		13,991.939	0.641657	13,991.939	0.692799	2,150.208	0.642194	2,150.208	0.642194	2,150.208	0.684836

Exhibit A

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TRUCKEE MEADOWS WATER AUTHORITY
 COMMODITY AND DEMAND ALLOCATORS

a	b	COMMODITY	Total Avg. Annl Usage (Mgals)	COMMODITY	Peak Month for: All Accts; All Accts xcpt Wells; All Accts xcpt Wells/Tanks/Dist-					
		101	d	101a	Peak Month (Mgals)	201a	Peak Month (Mgals)	201b	Peak Month (Mgals)	201c
C. COMMERCIAL										
1. Schedule GMWS	3/4"									
	1"									
	1-1/2"									
	2"									
	3"									
	4"									
	6"									
	8"									
	10"									
		3,925.084	0.180001	3,925.084	0.194347	500.172	0.149384	500.172	0.149384	500.172
2. Schedule MIS	3/4"									
	1"									
	1-1/2"									
	2"									
	3"									
	4"									
	6"									
	8"									
	10"									
		2,279.226	0.104523	2,279.226	0.112854	489.363	0.146156	489.363	0.146156	489.363
TOTAL COMMERCIAL		6,204.310	0.284524	6,204.310	0.307201	989.535	0.295540	989.535	0.295540	989.535
D. OTHER SCHEDULES										
1. Schedule FPS	3/4"	0.000	0.000000	0.000	0.000000	0.000	0.000000	0.000	0.000000	0.000
	1"	0.000	0.000000	0.000	0.000000	0.000	0.000000	0.000	0.000000	0.000
	1-1/2"	0.000	0.000000	0.000	0.000000	0.000	0.000000	0.000	0.000000	0.000
	2"	0.000	0.000000	0.000	0.000000	0.000	0.000000	0.000	0.000000	0.000
	3"	0.000	0.000000	0.000	0.000000	0.000	0.000000	0.000	0.000000	0.000
	4"	0.000	0.000000	0.000	0.000000	0.000	0.000000	0.000	0.000000	0.000
	6"	0.000	0.000000	0.000	0.000000	0.000	0.000000	0.000	0.000000	0.000
	8"	0.000	0.000000	0.000	0.000000	0.000	0.000000	0.000	0.000000	0.000
	10"	0.000	0.000000	0.000	0.000000	0.000	0.000000	0.000	0.000000	0.000
	12"	0.000	0.000000	0.000	0.000000	0.000	0.000000	0.000	0.000000	0.000
		0.000	0.000000	0.000	0.000000	0.000	0.000000	0.000	0.000000	0.000
Public Fire Services	3/4"									
	1"									
	1-1/2"									
	2"									
	3"									
	4"									
	6"									
	8"									
	10"									
	12"									
2. Other										
LVS: Sun Valley	10"	556.986	0.025543		0.000000	90.059	0.026898	90.059	0.026898	0.000
	16"	0.000	0.000000		0.000000	0.000	0.000000	0.000	0.000000	0.000
		556.986	0.025543	0.000	0.000000	90.059	0.026898	90.059	0.026898	0.000
LVS: WC-Spanish Spr	8"	440.911	0.020220		0.000000	34.736	0.010374	34.736	0.010374	0.000
		0.000	0.000000		0.000000	0.000	0.000000	0.000	0.000000	0.000
		440.911	0.020220	0.000	0.000000	34.736	0.010374	34.736	0.010374	0.000
LVS: WC-Double Diam	8"	0.000	0.000000		0.000000	0.000	0.000000	0.000	0.000000	0.000
	12"	0.000	0.000000		0.000000	0.000	0.000000	0.000	0.000000	0.000
		0.000	0.000000	0.000	0.000000	0.000	0.000000	0.000	0.000000	0.000
FSPR: WC-Double Dia	8"	611.805	0.028057		0.000000	83.684	0.024994	83.684	0.024994	0.000
	12"	0.000	0.000000		0.000000	0.000	0.000000	0.000	0.000000	0.000
		0.000	0.000000		0.000000	0.000	0.000000	0.000	0.000000	0.000
		611.805	0.028057	0.000	0.000000	83.684	0.024994	83.684	0.024994	0.000
TOTAL OTHER		1,609.702	0.073819	0.000	0.000000	208.479	0.062266	208.479	0.062266	0.000
TOTAL ALL SCHEDULES		21,805.951	1.000000	20,196.249	1.000000	3,348.222	1.000000	3,348.222	1.000000	3,139.743

Exhibit A

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TRUCKEE MEADOWS WATER AUTHORITY
CUSTOMER ALLOCATORS

	Average Number of Services	Average Number of Units	ALL SERVICES 301	RES & COMM SERVICES 301a	Avg Service & Mtr Facility Investment	Wghtd Serv Investment	SERVICES INVESTMNT 302	Number of Meter Facil Installation	Avg Meter Facil Instal Investment	Wphtd Meter Facil Instal Investment	METER INSTALLTN 303	Number of Meters	Average Meter Investment	Weighted Meter Investment	METER INVESTMNT 304	Number of Fire Services	PUBLIC & PRIVATE Fire Demand Factor	Equivalent Connections	TOTAL FIRE 401	Average Number of Services	PUBLIC FIRE 402
	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v
A. RESIDENTIAL FLAT RATE																					
1. Schedule RFWs	3/4"	3,900	3,900	0.041640	0.043503	\$2,579	\$10,057	0.035955	0	\$0	0.000000	3,900	\$167	\$651	0.032778				3,900	3,900	0.044850
	1"	1,163	1,163	0.012417	0.012873	2,669	3,104	0.011098	0	0	0.000000	1,163	199	231	0.011648				1,163	1,163	0.019375
	1-1/2"	32	32	0.000342	0.000357	3,156	101	0.000361	0	0	0.000000	32	377	12	0.000000				32	32	0.000368
	2"	44	44	0.000470	0.000491	3,266	144	0.000514	0	0	0.000000	44	787	35	0.001743				44	44	0.000506
	3"	2	2	0.000021	0.000022	18,641	37	0.000133	0	0	0.000000	2	1,674	3	0.000168				2	2	0.000023
	4"	2	2	0.000021	0.000022	20,080	40	0.000144	0	0	0.000000	2	2,638	5	0.000266				2	2	0.000023
	6"	0	0	0.000000	0.000000	27,444	0	0.000000	0	0	0.000000	0	3,646	0	0.000000				0	0	0.000000
		5,143	5,143	0.054911	0.057368		13,484	0.048204	0	0	0.000000	5,143		938	0.047210				5,143	5,143	0.059145
2. Schedule SUFR	3/4"	1,596	1,596	0.017040	0.017803	\$2,579	4,116	0.014714	0	\$0	0.000000	1,246	\$167	208	0.010472				1,596	1,596	0.018354
3. Schedule MRIS																					
	3/4"	953	2,657	0.010175	0.010930	\$2,579	2,458	0.008786	0	\$0	0.000000	620	\$167	104	0.005211				953	953	0.010930
	1"	305	2,146	0.003897	0.004071	2,669	974	0.003483	0	0	0.000000	527	199	105	0.005278				365	365	0.004198
	1-1/2"	119	1,260	0.001271	0.001327	3,156	376	0.001343	0	0	0.000000	0	377	0	0.000000				119	119	0.001360
	2"	137	2,379	0.001463	0.001528	3,266	447	0.001800	0	0	0.000000	109	787	86	0.004317				137	137	0.001576
	3"	41	2,002	0.000438	0.000457	18,641	764	0.002732	0	0	0.000000	168	1,674	281	0.014154				41	41	0.000472
	4"	35	2,047	0.000374	0.000390	20,080	703	0.002513	0	0	0.000000	5	2,638	13	0.000884				35	35	0.000405
	6"	50	5,268	0.000534	0.000553	27,444	1,372	0.004909	0	0	0.000000	2	3,646	7	0.000367				50	50	0.000575
	8"	14	2,169	0.000149	0.000158	35,237	493	0.001764	0	0	0.000000	2	5,814	12	0.000585				14	14	0.000161
	10"	5	1,173	0.000053	0.000056	45,467	227	0.000913	0	0	0.000000	0	12,934	0	0.000000				5	5	0.000058
		1,719	21,099	0.018353	0.019175		7,815	0.027938	0	0	0.000000	1,433		608	0.000576				1,719	1,719	0.019769
4. Schedule MRFS																					
	3/4"	14	24	0.000149	0.000156	\$2,579	26	0.000129	0	\$0	0.000000	3	\$167	1	0.000025				14	14	0.000161
	1"	52	305	0.000555	0.000580	2,669	139	0.000496	0	0	0.000000	39	199	8	0.000391				52	52	0.000598
	1-1/2"	67	502	0.000715	0.000747	3,156	211	0.000756	0	0	0.000000	0	377	0	0.000000				67	67	0.000771
	2"	27	228	0.000288	0.000301	3,266	88	0.000215	0	0	0.000000	0	787	53	0.002354				27	27	0.000311
	3"	8	369	0.000085	0.000089	18,641	149	0.000533	0	0	0.000000	30	1,674	50	0.002527				8	8	0.000082
	4"	0	0	0.000000	0.000000	20,080	0	0.000000	0	0	0.000000	0	2,638	0	0.000000				0	0	0.000000
	6"	0	2	0.000021	0.000022	27,444	55	0.000196	0	0	0.000000	0	3,646	0	0.000000				2	2	0.000023
		170	1,760	0.001815	0.001896		679	0.002428	0	0	0.000000	139		111	0.005507				170	170	0.001955
Total Residential Flat Rate		8,628	26,598	0.092119	0.096242		26,093	0.093282	0	0	0.000000	7,981		1,865	0.093855				8,628	8,628	0.099223
B. RESIDENTIAL METERED																					
1. Schedule RMWS																					
	3/4"	57,255	57,255	0.611200	0.638657	\$2,579	147,648	0.527845	0	\$0	0.000000	57,255	\$167	9,562	0.481212				57,255	57,255	0.658436
	1"	11,681	11,681	0.124822	0.120409	2,669	31,205	0.111558	0	0	0.000000	11,681	199	2,327	0.117089				11,681	11,681	0.134447
	1-1/2"	221	221	0.002360	0.002465	3,156	688	0.002494	0	0	0.000000	221	377	83	0.004193				221	221	0.002542
	2"	383	383	0.004089	0.004272	3,266	1,251	0.004472	0	0	0.000000	383	787	301	0.015170				383	383	0.004405
	3"	0	0	0.000000	0.000000	18,641	0	0.000000	0	0	0.000000	0	1,674	0	0.000000				0	0	0.000000
	4"	0	0	0.000000	0.000000	20,080	0	0.000000	0	0	0.000000	0	2,638	0	0.000000				0	0	0.000000
	6"	1	1	0.000011	0.000011	27,444	27	0.000098	0	0	0.000000	1	3,646	4	0.000163				1	1	0.000012
		69,551	69,551	0.742582	0.775815		180,829	0.646467	0	0	0.000000	69,551		12,276	0.617846				69,551	69,551	0.799841
2. Schedule MMWS																					
	3/4"	576	1,492	0.008150	0.006425	\$2,579	1,485	0.005310	0	\$0	0.000000	576	\$167	96	0.004841				576	576	0.008624
	1"	885	4,837	0.009449	0.008872	2,669	2,362	0.008445	0	0	0.000000	885	199	176	0.008863				885	885	0.010176
	1-1/2"	499	4,248	0.005328	0.005566	3,156	1,575	0.005631	0	0	0.000000	499	377	188	0.009468				499	499	0.005739
	2"	900	12,582	0.009609	0.010039	3,266	2,339	0.010509	0	0	0.000000	900	787	708	0.035647				900	900	0.010350
	3"	27	1,806	0.000288	0.000301	18,641	503	0.001799	0	0	0.000000	27	1,674	45	0.002275				27	27	0.000311
	4"	9	550	0.000096	0.000190	20,080	181	0.000646	0	0	0.000000	9	2,638	24	0.001195				9	9	0.000104
	6"	6	842	0.000064	0.000067	27,444	165	0.000589	0	0	0.000000	6	3,646	22	0.001101				6	6	0.000063
	8"	3	555	0.000032	0.000033	35,237	106	0.000378	0	0	0.000000	3	5,814	17	0.000878				3	3	0.000035
	10"	1	218	0.000011	0.000011	45,467	45	0.000163	0	0	0.000000	1	12,934	13	0.000651				1	1	0.000012
		2,906	27,228	0.031027	0.032415		9,362	0.033469	0	0	0.000000	2,906		1,290	0.064919				2,906	2,906	0.033419
Total Residential Metered		72,457	96,779	0.773609	0.808230		190,191	0.679837	0	0	0.000000	72,457		13,566	0.682765				72,457	72,457	0.833260
TOTAL RESIDENTIAL		81,085	126,377	0.865729	0.904472		216,284	0.773219	0	0	0.000000	80,418		15,431	0.776620				81,085	81,085	0.932483

Exhibit A

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11-1-11 SAC Agenda Item 6 Attachment

TRUCKEE MEADOWS WATER AUTHORITY
CUSTOMER ALLOCATORS

	Average Number of Services	Average Number of Units	ALL SERVICES 301	RES & COMM SERVICES 301a	Avg Service & Mtr Facility Investment	Wghted Serv Investment	SERVICES INVESTMT 302	Number of Meter Facil Installation	Avg Meter Facil Instal Investment	Wghtd Meter Facil Instal Investment	METER INSTALLTN 303	Number of Meters	Average Meter Investment	Weighted Meter Investment	METER INVESTMENT 304	Number of Fire Services	PUBLIC & PRIVATE FIRE Demand Factor	Equivalent Connections	TOTAL FIRE 401	Average Number of Services	PUBLIC FIRE 402
	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v
C. COMMERCIAL																					
1. Schedule GWMS																					
1/2"	1,561		0.016686	0.017412	52,579	4,025	0.014391	0	\$0	0	0.000000	1,561	\$167	261	0.013120				1,561	0.017952	
1"	1,591		0.016987	0.017747	2,669	4,247	0.015182	0	0	0	0.000000	1,591	199	317	0.015934				1,591	0.018297	
1-1/2"	826		0.009819	0.009214	3,156	2,607	0.009321	0	0	0	0.000000	826	377	311	0.015672				826	0.009499	
2"	1,564		0.016699	0.017446	3,256	5,108	0.018262	0	0	0	0.000000	1,564	737	1,231	0.001947				1,564	0.017986	
3"	176		0.001879	0.001963	15,641	3,281	0.011723	0	0	0	0.000000	176	1,674	295	0.014029				176	0.002024	
4"	75		0.000801	0.000837	29,050	1,506	0.005384	0	0	0	0.000000	75	2,628	198	0.009957				75	0.000863	
6"	46		0.000491	0.000513	27,444	1,282	0.004513	0	0	0	0.000000	46	3,646	168	0.009441				46	0.000529	
8"	26		0.000278	0.000290	35,237	916	0.002275	0	0	0	0.000000	26	5,314	151	0.007608				26	0.000299	
10"	6		0.000064	0.000067	45,467	273	0.000975	0	0	0	0.000000	6	12,934	78	0.003900				6	0.000069	
	5,871	0	0.062684	0.065489		23,226	0.083032	0		0	0.000000	5,871		3,069	0.151412				5,871	0.067517	
2. Schedule MIS																					
1/2"	440		0.004898	0.004908	52,579	1,135	0.004058	0	\$0	0	0.000000	440	\$167	73	0.002688					0.000000	
1"	572		0.008107	0.008380	2,669	1,527	0.005458	0	0	0	0.000000	572	189	114	0.005729					0.000000	
1-1/2"	505		0.005392	0.005633	3,156	1,594	0.005699	0	0	0	0.000000	505	377	100	0.009582					0.000000	
2"	1,108		0.011830	0.012359	3,266	3,619	0.012937	0	0	0	0.000000	1,108	787	872	0.043885					0.000000	
3"	32		0.000342	0.000357	18,641	597	0.002133	0	0	0	0.000000	32	1,674	54	0.002890					0.000000	
4"	31		0.000331	0.000346	20,080	622	0.002225	0	0	0	0.000000	31	2,638	82	0.004116					0.000000	
6"	4		0.000043	0.000045	27,444	110	0.000392	0	0	0	0.000000	4	3,646	15	0.000734					0.000000	
8"	1		0.000011	0.000011	35,237	35	0.000126	0	0	0	0.000000	1	5,314	6	0.000293					0.000000	
10"	0		0.000000	0.000000	45,467	0	0.000000	0	0	0	0.000000	0	12,934	0	0.000000					0.000000	
	2,683	0	0.028753	0.030039		9,238	0.033027	0		0	0.000000	2,683		1,405	0.070732				0	0.000000	
TOTAL COMMERCIAL	8,564	0	0.091436	0.095528		32,464	0.116098	0		0	0.000000	8,564		4,414	0.222144				8,564	0.067517	
D. OTHER SCHEDULES																					
1. Schedule FPS																					
1/2"	5		0.000053	0.000000	52,579	12	0.000043	0	0	0	0.000000	0	0	0	0.000000	5	1.0	5	0.000004	0.000000	
1"	16		0.000171	0.000000	2,447	39	0.000138	0	0	0	0.000000	0	0	0	0.000000	10	2.9	46	0.000037	0.000000	
1-1/2"	14		0.000149	0.000000	2,591	35	0.000125	0	0	0	0.000000	0	0	0	0.000000	14	6.2	87	0.000068	0.000000	
2"	256		0.002733	0.000000	2,509	642	0.002298	0	0	0	0.000000	0	0	0	0.000000	256	6.2	1,585	0.001250	0.000000	
3"	27		0.000288	0.000000	5,213	143	0.000512	0	0	0	0.000000	0	0	0	0.000000	27	18.0	485	0.000383	0.000000	
4"	603		0.007079	0.000000	6,591	4,370	0.015823	0	0	0	0.000000	0	0	0	0.000000	603	38.3	25,406	0.020044	0.000000	
6"	2,370		0.025304	0.000000	4,222	19,486	0.069862	0	0	0	0.000000	0	0	0	0.000000	2,370	111.3	263,805	0.208126	0.000000	
8"	504		0.005381	0.000000	5,979	4,525	0.016176	0	0	0	0.000000	0	0	0	0.000000	504	237.2	119,554	0.094321	0.000000	
10"	121		0.001292	0.000000	10,062	1,210	0.004326	0	0	0	0.000000	0	0	0	0.000000	121	426.6	51,816	0.040722	0.000000	
12"	33		0.000352	0.000000	11,653	392	0.001403	0	0	0	0.000000	0	0	0	0.000000	33	689.0	22,738	0.017959	0.000000	
	4,000	0	0.042803	0.000000		30,855	0.110307	0		0	0.000000	0		0	0.000000	4,000		485,327	0.382894	0.000000	
Public Fire Services																					
1/2"																0	1.0	0	0.000000	0.000000	
1"																1	2.9	3	0.000002	0.000000	
1-1/2"																0	6.2	0	0.000000	0.000000	
2"																0	6.2	0	0.000000	0.000000	
3"																0	18.0	0	0.000000	0.000000	
4"																1	38.3	38	0.000030	0.000000	
6"																7,023	111.3	781,730	0.616737	0.000000	
8"																0	237.2	0	0.000000	0.000000	
10"																1	426.6	427	0.000337	0.000000	
12"																0	689.0	0	0.000000	0.000000	
																7,026		782,198	0.617106	0.000000	
2. Other																					
LVS: Sun Valley																					
10"	1		0.000011	0.000000	\$45,467	45	0.000163	0	\$0	0	0.000000	1	\$12,934	13	0.000651				0	0.000000	
16"	0		0.000000	0.000000	45,467	0	0.000000	0	0	0	0.000000	0	12,934	0	0.000000				0	0.000000	
	1	0	0.000011	0.000000		45	0.000163	0			0.000000	1		13	0.000651				0	0.000000	
LVS: WC-Spanish Spri																					
8"	1		0.000011	0.000000	35,237	35	0.000126	0	0	0	0.000000	1	5,814	6	0.000293				0	0.000000	
			0.000000	0.000000		0	0.000000	0			0.000000	0		0	0.000000				0	0.000000	
	1	0	0.000011	0.000000		35	0.000126	0			0.000000	1		6	0.000293				0	0.000000	
LVS: WC-Double Diam																					
8"			0.000000	0.000000	35,237	0	0.000000	0	0	0	0.000000	0	5,814	0	0.000000				0	0.000000	
12"			0.000000	0.000000	45,467	0	0.000000	0	0	0	0.000000	0	11,400	0	0.000000				0	0.000000	
	0	0	0.000000	0.000000		0	0.000000	0			0.000000	0		0	0.000000				0	0.000000	
FSPR: WC-Double Dia																					
8"	1		0.000011	0.000000	35,237	35	0.000126	0	0	0	0.000000	1	5,814	6	0.000293				0	0.000000	
12"	0		0.000000	0.000000	43,437	0	0.000000	0	0	0	0.000000	0	11,400	0	0.000000				0	0.000000	
	0		0.000000	0.000000		0	0.000000	0	0	0	0.000000	0		0	0.000000				0	0.000000	
	1	0	0.000011	0.000000		35	0.000126	0			0.000000	1		6	0.000293				0	0.000000	
TOTAL OTHER	4,012	0	0.042835	0.000000		30,971	0.110722	0		0	0.000000	3		25	0.001236				0	0.000000	
TOTAL ALL SCHEDULES	93,861	128,377	1.000000	1.000000		\$279,718	1.000000	0		\$0	0.000000	88,985		\$19,870	1.000000	11,035		1,267,525	1.000000	88,956	1.000000

Exhibit A

A-9

TRUCKEE MEADOWS WATER AUTHORITY
INTERNAL ALLOCATORS

Description	Commodity	Demand	ALLOCATED NET PLANT					TOTAL	Alloc 501	Alloc 501a	ALLOCATED O&M W/O CUSTOMER PIECE			ALLOCATED R&R FOR CUSTOMER COSTS		TOTAL	Alloc 503
			Customer	CALC OF PRIVATE & PUBLIC FIRE	DISTRIBUTED PUBLIC FIRE	COMMODITY DEMAND	DEMAND				TOTAL	345	346 & 347				
			Alloc 302	Alloc 401	Alloc 402	Operation & Maintenance	Operation & Maintenance				Alloc 302	Alloc 304					
	Alloc 101	Alloc 201	Alloc 302	Alloc 401	Alloc 402												
A. RESIDENTIAL FLAT RATE																	
1. Schedule RFWS	3/4"		\$2,448	\$0	\$265	\$35,926	0.051918	0.065630	\$600	\$457	\$1,057	0.068135	\$101	\$44	\$146	0.034923	
	1"		756	0	79	11,086	0.019107	0.020252	185	141	326	0.021030	31	16	47	0.011276	
	1-1/2"		25	0	2	360	0.000621	0.000658	6	5	11	0.000684	1	1	2	0.000441	
	2"		35	0	3	513	0.000883	0.000936	9	7	15	0.000974	1	2	4	0.000913	
	3"		9	0	0	132	0.000228	0.000242	2	2	4	0.000253	0	0	1	0.000145	
	4"		10	0	0	143	0.000246	0.000260	2	2	4	0.000272	0	0	1	0.000183	
	6"		0	0	0	0	0.000000	0.000000	0	0	0	0.000000	0	0	0	0.000000	
		\$10,438	\$34,089	\$3,282	\$0	\$350	\$48,160	0.083003	0.087978	\$804	\$613	1,417	0.091348	\$136	\$64	\$200	0.047881
2. Schedule SUFR	3/4"	893	2,779	1,002	0	109	4,782	0.008242	0.008736	69	50	119	0.007654	41	14	56	0.013336
3. Schedule MRIS	3/4"			598	0	65	10,347	0.017832	0.018901	252	115	367	0.023670	25	7	32	0.007625
	1"			237	0	25	4,101	0.007068	0.007491	100	46	146	0.009383	10	7	17	0.004066
	1-1/2"			91	0	8	1,580	0.002722	0.002896	39	18	56	0.003618	4	0	4	0.000907
	2"			109	0	9	1,881	0.003242	0.003437	46	21	67	0.004310	5	6	10	0.002483
	3"			186	0	3	3,200	0.005516	0.005846	78	36	114	0.007361	8	19	27	0.006443
	4"			171	0	2	2,943	0.005072	0.005376	72	33	105	0.006769	7	1	8	0.001912
	6"			334	0	3	5,744	0.009900	0.010494	141	64	205	0.013216	14	0	14	0.003431
	8"			120	0	1	2,065	0.003559	0.003772	51	23	74	0.004751	5	1	6	0.001381
	10"			55	0	0	951	0.001640	0.001738	23	11	34	0.002190	2	0	2	0.000549
		10,395	20,398	1,902	0	117	32,812	0.056551	0.059941	801	367	1,168	0.075267	79	41	120	0.028795
4. Schedule MRFS	3/4"			9	0	1	109	0.000187	0.000198	2	1	3	0.000224	0	0	0	0.000095
	1"			34	0	4	418	0.000720	0.000763	9	5	13	0.000861	1	1	2	0.000462
	1-1/2"			51	0	5	635	0.001095	0.001161	13	7	20	0.001313	2	0	2	0.000510
	2"			21	0	2	295	0.000457	0.000484	5	3	8	0.000547	1	4	4	0.001075
	3"			36	0	1	445	0.000768	0.000814	9	5	14	0.000926	2	3	5	0.001181
	4"			0	0	0	0	0.000000	0.000000	0	0	0	0.000000	0	0	0	0.000000
	6"			13	0	0	164	0.000282	0.000299	3	2	5	0.000341	1	0	1	0.000132
		540	1,319	165	0	12	2,036	0.003509	0.003719	42	24	65	0.004212	7	8	14	0.003456
Total Residential Flat Rate		22,286	58,585	6,352	0	587	87,790	0.151305	0.160374	1,716	1,053	2,769	0.178481	263	127	390	0.093468
B. RESIDENTIAL METERED																	
1. Schedule RMWS	3/4"		35,942	0	3,887	220,765	0.380487	0.403294	3,373	2,466	5,839	0.376352	1,488	653	2,141	0.512696	
	1"		7,596	0	796	46,630	0.080367	0.085184	713	521	1,234	0.079541	314	159	473	0.113355	
	1-1/2"		170	0	15	1,040	0.001792	0.001899	16	12	28	0.001778	7	6	13	0.003046	
	2"		305	0	26	1,863	0.003212	0.003404	29	21	49	0.003189	13	21	33	0.007947	
	3"		0	0	0	0	0.000000	0.000000	0	0	0	0.000000	0	0	0	0.000000	
	4"		0	0	0	0	0.000000	0.000000	0	0	0	0.000000	0	0	0	0.000000	
	6"		7	0	0	40	0.000070	0.000074	1	0	1	0.000070	0	0	1	0.000126	
		53,609	167,976	44,019	0	4,735	270,339	0.465927	0.493854	4,131	3,020	7,151	0.460930	1,922	838	2,660	0.637169
2. Schedule MMWS	3/4"		362	0	39	3,609	0.006220	0.006592	86	38	123	0.007958	15	7	22	0.005158	
	1"		575	0	60	5,737	0.009887	0.010480	136	60	196	0.012656	24	12	36	0.008581	
	1-1/2"		383	0	34	3,819	0.006582	0.006977	91	40	131	0.008439	16	13	29	0.006877	
	2"		716	0	61	7,125	0.012280	0.013016	170	75	244	0.015748	30	48	78	0.018975	
	3"		123	0	2	1,211	0.002088	0.002213	29	13	42	0.002697	5	3	8	0.001954	
	4"		44	0	1	435	0.000750	0.000794	10	5	15	0.000968	2	2	3	0.000824	
	6"		40	0	0	396	0.000683	0.000724	10	4	14	0.000882	2	1	3	0.000755	
	8"		26	0	0	254	0.000438	0.000464	6	3	9	0.000566	1	1	2	0.000540	
	10"		11	0	0	109	0.000188	0.000200	3	1	4	0.000244	0	1	1	0.000321	
		7,019	13,200	2,279	0	198	22,696	0.039116	0.041460	541	237	778	0.050157	94	88	182	0.043686
		60,628	181,176	46,298	0	4,932	293,034	0.505043	0.535315	4,672	3,258	7,929	0.511087	1,917	926	2,843	0.680855
TOTAL RESIDENTIAL		82,884	239,761	52,649	0	5,520	380,824	0.656347	0.696689	6,388	4,311	10,698	0.689568	2,180	1,053	3,233	0.774324

Exhibit A

A-10

K:\ResourceEconomics\Cost of Service Studies\COS 2011\2011 Base Case_D-1.xlsx allocated costs
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TRUCKEE MEADOWS WATER AUTHORITY
INTERNAL ALLOCATORS

Description	Commodity	Demand	ALLOCATED NET PLANT			DISTRIBUTED PUBLIC FIRE	TOTAL	Alloc 501	Alloc 501a	ALLOCATED DSM W/O CUSTOMER PIECE		TOTAL	Alloc 502	ALLOCATED RAR FOR CUSTOMER COSTS		TOTAL	Alloc 503
			Customer	CALC OF PRIVATE & PUBLIC FIRE	Alloc 401					Alloc 402	COMMODITY Operation & Maintenance			DEMAND Operation & Maintenance	Alloc 302		
	Alloc 101	Alloc 201	Alloc 302	Alloc 401	Alloc 402												
C. COMMERCIAL																	
1. Schedule CMWS																	
5"			980	0	106	14,763	0.025478	0.027055	311	174	484	0.031220		41	18	58	0.013078
1"			1,034	0	108	15,591	0.028671	0.029462	328	183	511	0.029355		43	22	64	0.015425
1-1/2"			635	0	56	9,562	0.016480	0.017468	201	113	314	0.020221		26	21	46	0.011364
2"			1,243	0	106	18,730	0.032282	0.034217	364	221	615	0.038616		51	64	136	0.032453
3"			759	0	12	11,974	0.020637	0.021674	253	142	395	0.025445		33	20	53	0.012736
4"			367	0	5	5,496	0.009472	0.010040	116	65	181	0.011880		15	14	29	0.006970
6"			307	0	3	4,606	0.007938	0.008414	97	55	152	0.009791		13	11	24	0.005788
8"			223	0	2	3,342	0.005760	0.006105	71	49	110	0.007105		9	10	20	0.004683
10"			66	0	0	995	0.001715	0.001818	21	12	33	0.002116		3	5	8	0.001927
	23,254	55,772	5,654	0	400	85,079	0.156423	0.155423	1,792	1,063	2,795	0.180129		234	205	439	0.105247
2. Schedule MS																	
5"			276	0	0	8,637	0.014885	0.015778	128	121	248	0.016004		11	5	16	0.003940
1"			372	0	0	11,621	0.020029	0.021230	172	162	334	0.021534		15	8	23	0.005546
1-1/2"			388	0	0	12,133	0.020911	0.021165	180	169	349	0.022483		16	13	29	0.006569
2"			381	0	0	27,545	0.047474	0.050319	408	384	792	0.051042		36	60	96	0.022591
3"			145	0	0	4,541	0.007826	0.008295	67	63	131	0.008414		6	4	10	0.002316
4"			152	0	0	4,738	0.008166	0.008656	70	66	136	0.008780		6	6	12	0.002839
6"			27	0	0	836	0.001440	0.001526	12	12	24	0.001548		1	1	2	0.000503
8"			9	0	0	268	0.000462	0.000490	4	4	8	0.000497		0	0	1	0.000180
10"			0	0	0	0	0.000000	0.000000	0	0	0	0.000000		0	0	0	0.000000
	13,503	54,567	2,249	0	0	70,319	0.121194	0.128458	1,041	901	2,022	0.130363		93	96	189	0.045275
TOTAL COMMERCIAL	36,757	110,330	7,903	0	400	155,390	0.267828	0.283881	2,832	1,964	4,816	0.310432		327	301	628	0.165523
D. OTHER SCHEDULES																	
1. Schedule FP3																	
5"	0	0	3	0	0	3	0.000005	0.000005			0	0.000000		0	0	0	0.000029
1"	0	0	0	0	0	10	0.000017	0.000018			0	0.000000		0	0	0	0.000033
1-1/2"	0	0	0	1	0	9	0.000016	0.000017			0	0.000000		0	0	0	0.000085
2"	0	0	156	12	0	168	0.000290	0.000308			0	0.000000		6	0	6	0.001550
3"	0	0	35	4	0	39	0.000007	0.000071			0	0.000000		1	0	1	0.000346
4"	0	0	1,064	192	0	1,256	0.002165	0.002295			0	0.000000		44	0	44	0.010548
6"	0	0	4,743	1,996	0	6,740	0.011616	0.012312			0	0.000000		195	0	195	0.047821
8"	0	0	1,102	905	0	2,006	0.003458	0.003665			0	0.000000		46	0	46	0.010222
10"	0	0	295	391	0	686	0.001181	0.001252			0	0.000000		12	0	12	0.002921
12"	0	0	96	172	0	268	0.000461	0.000489			0	0.000000		4	0	4	0.000947
	0	0	7,511	3,673	0	11,184	0.019275	0.020430	0	0	0	0.000000		311	0	311	0.074472
Public Fire																	
5"	0	0	0	0	0	0	0.000000	0.000000			0	0.000000		0	0	0	0.000000
1"	0	0	0	0	0	0	0.000000	0.000000			0	0.000000		0	0	0	0.000000
1-1/2"	0	0	0	0	0	0	0.000000	0.000000			0	0.000000		0	0	0	0.000000
2"	0	0	0	0	0	0	0.000000	0.000000			0	0.000000		0	0	0	0.000000
3"	0	0	0	0	0	0	0.000000	0.000000			0	0.000000		0	0	0	0.000000
4"	0	0	0	0	0	0	0.000000	0.000000			0	0.000000		0	0	0	0.000000
6"	0	0	0	0	5,916	0	0.000000	0.000000			0	0.000000		0	0	0	0.000000
8"	0	0	0	0	0	0	0.000000	0.000000			0	0.000000		0	0	0	0.000000
10"	0	0	0	0	3	0	0.000000	0.000000			0	0.000000		0	0	0	0.000000
12"	0	0	0	0	0	0	0.000000	0.000000			0	0.000000		0	0	0	0.000000
	0	0	0	5,919	0	0	0.000000	0.000000	0	0	0	0.000000		0	0	0	0.000000
2. Other																	
LVS: Sun Valley																	
10"	3,300	10,042	11	0	0	13,353	0.023014				0	0.000000		0	1	1	0.000321
16"	0	0	0	0	0	0	0.000000				0	0.000000		0	0	0	0.000000
	3,300	10,042	11	0	0	13,353	0.023014	0.000000	0	0	0	0.000000		0	1	1	0.000321
LVS: WC-Spanish Spring																	
6"	2,612	3,873	9	0	0	6,494	0.011192				0	0.000000		0	0	1	0.000180
5"	0	0	0	0	0	0	0.000000				0	0.000000		0	0	0	0.000000
	2,612	3,873	9	0	0	6,494	0.011192	0.000000	0	0	0	0.000000		0	0	1	0.000180
LVS: WC-Double Diablo																	
8"	0	0	0	0	0	0	0.000000				0	0.000000		0	0	0	0.000000
12"	0	0	0	0	0	0	0.000000				0	0.000000		0	0	0	0.000000
	0	0	0	0	0	0	0.000000	0.000000	0	0	0	0.000000		0	0	0	0.000000
FSPR: WC-Double Diarr																	
8"	3,625	9,331	9	0	0	12,964	0.022344				0	0.000000		0	0	1	0.000180
12"	0	0	0	0	0	0	0.000000				0	0.000000		0	0	0	0.000000
	3,625	9,331	9	0	0	12,964	0.022344	0.000000	0	0	0	0.000000		0	0	1	0.000180
TOTAL OTHER	9,537	29,247	7,539	9,592	0	43,995	0.075625	0.020430	0	0	0	0.000000		312	2	314	0.075153
TOTAL ALL SCHEDULES	128,187	373,346	58,091	9,592	5,919	550,217	1.000000	1.000000	99,220	66,295	115,515	1.000000		\$2,819	\$1,356	\$4,175	1.000000

Exhibit A

A-11

DRAFT - SUBJECT TO CHANGE

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TRUCKEE MEADOWS WATER AUTHORITY
 COST ALLOCATIONS
 (\$ In Thousands)

Description	Operation & Maintenance		Admin &	Interest	Debt	Repair &	SUBTOTAL ALLOCATED COMMODITY COSTS	Adjustment Whtsl Prepds Int & Pnnc	ALLOCATED COMMODITY COSTS	
	600-903, 905-919 Alloc 101	904 Alloc 101a	General Alloc 101	Expense Alloc 101	Service Alloc 101	Replacement Alloc 101				
	b	c	d	e	f	g	h	i	j	
A. RESIDENTIAL FLAT RATE										
1. Schedule RPWS										
	3/4"									
	1"									
	1-3/4"									
	2"									
	3"									
	4"									
	6"									
		\$804	\$0	\$155	\$383	\$192	\$228	\$1,763	\$10	\$1,773
2. Schedule SUFR	3/4"	69	0	13	33	16	19	151	1	152
3. Schedule MRIS	3/4"									
	1"									
	1-3/4"									
	2"									
	3"									
	4"									
	6"									
	8"									
	10"									
		801	0	155	382	192	227	1,756	10	1,765
4. Schedule MRFS	3/4"									
	1"									
	1-3/4"									
	2"									
	3"									
	4"									
	6"									
		42	0	8	20	10	12	91	1	92
Total Residential Flat Rate		1,716	0	331	817	411	486	3,760	21	3,781
B. RESIDENTIAL METERED										
1. Schedule RMWS	3/4"									
	1"									
	1-3/4"									
	2"									
	3"									
	4"									
	6"									
		4,131	0	797	1,968	988	1,169	9,054	50	9,104
2. Schedule MMWS	3/4"									
	1"									
	1-3/4"									
	2"									
	3"									
	4"									
	6"									
	8"									
	10"									
		541	0	104	258	129	153	1,185	7	1,192
		4,672	0	902	2,226	1,118	1,322	10,239	57	10,296
TOTAL RESIDENTIAL		6,388	0	1,233	3,043	1,528	1,808	14,000	78	14,078

Exhibit A

CA-12

TRUCKEE MEADOWS WATER AUTHORITY
COST ALLOCATIONS
(\$ In Thousands)

Description	Operation & Maintenance 600-903 904		Admin & General	Interest Expense	Debt Service	Repair & Replacement	SUBTOTAL ALLOCATED COMMODITY COSTS	Adjustment Whistl Preps Int & Price	ALLOCATED COMMODITY COSTS	
	Alloc 101	Alloc 101a	Alloc 101	Alloc 101	Alloc 101	Alloc 101				
C. COMMERCIAL										
1. Schedule GMWS										
	1/2"									
	1"									
	1-3/4"									
	2"									
	3"									
	4"									
	6"									
	8"									
	10"									
		1,792	0	346	854	429	507	3,927	22	3,949
2. Schedule MIS										
	1/2"									
	1"									
	1-3/4"									
	2"									
	3"									
	4"									
	6"									
	8"									
	10"									
		1,041	0	201	496	249	294	2,280	13	2,293
TOTAL COMMERCIAL		2,832	0	547	1,349	678	802	6,206	35	6,242
D. OTHER SCHEDULES										
1. Schedule FPS										
	1/2"	0	0	0	0	0	0	0	0	
	1"	0	0	0	0	0	0	0	0	
	1-3/4"	0	0	0	0	0	0	0	0	
	2"	0	0	0	0	0	0	0	0	
	3"	0	0	0	0	0	0	0	0	
	4"	0	0	0	0	0	0	0	0	
	6"	0	0	0	0	0	0	0	0	
	8"	0	0	0	0	0	0	0	0	
	10"	0	0	0	0	0	0	0	0	
	12"	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	
Public Fire										
	1/2"									
	1"									
	1-3/4"									
	2"									
	3"									
	4"									
	6"									
	8"									
	10"									
	12"									
2. Other										
LVS: Sun Valley	10"	254	0	49	121	61	72	557	(99)	458
	10"	0	0	0	0	0	0	0	0	0
		254	0	49	121	61	72	557	(99)	458
LVS: WC-Spanish Spring	6"	201	0	39	96	48	57	441	0	441
	8"	0	0	0	0	0	0	0	0	0
		201	0	39	96	48	57	441	0	441
LVS: WC-Double Diame	8"	0	0	0	0	0	0	0	0	0
	12"	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0
FSPR: WC-Double Diame	8"	279	0	54	133	67	79	612	(14)	598
	12"									
		279	0	54	133	67	79	612	(14)	598
TOTAL OTHER		735	0	142	350	176	200	1,611	(113)	1,498
TOTAL ALL SCHEDULES		\$9,955	\$0	\$1,922	\$4,742	\$2,382	\$2,817	\$21,818	\$0	\$21,818

Exhibit A

CA#13

DRAFT - SUBJECT TO CHANGE

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TRUCKEE MEADOWS WATER AUTHORITY
COST ALLOCATIONS
(\$ In Thousands)

Description	Operation & Maintenance		Admin & General	Interest			343.1	Debt Service			Repair & Replacement			343.1	342	SUBTOTAL ALLOCATED DEMAND COSTS	Adjustment: Whld Prepds Int & Princ	ALLOCATED DEMAND COSTS	
	601-673 675-919 Alloc 201a	673.1 Alloc 201c		310-313, 316-341 342.1-343, 345-398 Alloc 201a	314 Alloc 201b	342 Alloc 201c		314 Alloc 201b	342 Alloc 201c	343.1 Alloc 201c	310-313, 316-341 342.1-343, 345-398 Alloc 201a	314 Alloc 201b	343.1 Alloc 201c						342 Alloc 201c
	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	
A. RESIDENTIAL FLAT RATE																			
1. Schedule RFWS	3/4"																		
	1"																		
	1-1/2"																		
	2"																		
	3"																		
	4"																		
	6"																		
		\$580	\$33	\$313	\$995	\$62	\$118	\$99	\$500	\$26	\$59	\$50	\$657	\$96	\$42	\$62	\$3,682	\$19	\$3,700
2. Schedule SJFR	3/4"	47	3	26	81	4	10	8	41	2	5	4	54	8	3	5	300	2	302
3. Schedule MRIS	3/4"																		
	1"																		
	1-1/2"																		
	2"																		
	3"																		
	4"																		
	6"																		
	8"																		
	10"																		
		347	20	187	596	31	71	59	299	16	35	30	393	57	25	37	2,203	11	2,214
4. Schedule MRFS	3/4"																		
	1"																		
	1-1/2"																		
	2"																		
	3"																		
	4"																		
	6"																		
		22	1	12	39	2	5	4	19	1	2	2	25	4	2	2	142	1	143
Total Residential Flat Rate		997	56	538	1,711	90	203	171	859	45	102	86	1,128	165	72	106	6,328	32	6,359
B. RESIDENTIAL METERED																			
1. Schedule RMWS	3/4"																		
	1"																		
	1-1/2"																		
	2"																		
	3"																		
	4"																		
	6"																		
		2,859	161	1,543	4,905	258	581	489	2,463	130	282	246	3,235	472	206	304	18,143	91	18,234
2. Schedule MMWS	3/4"																		
	1"																		
	1-1/2"																		
	2"																		
	3"																		
	4"																		
	6"																		
	8"																		
	10"																		
		225	13	121	385	20	46	38	194	10	23	19	254	37	16	24	1,426	7	1,433
		3,084	174	1,664	5,290	278	627	528	2,657	140	315	255	3,490	509	222	327	19,568	99	19,667
TOTAL RESIDENTIAL		4,081	230	2,202	7,001	368	830	698	3,516	185	417	351	4,618	673	293	433	25,896	130	26,026

Exhibit A

CPA-14

DRAFT - SUBJECT TO CHANGE

K:\ResourceEconomics\Cost of Service Studies\COS 2011\2011 Base Case_D-1.xlsx allocated costs
11/4/2011 1:59 PM

TRUCKEE MEADOWS WATER AUTHORITY
COST ALLOCATIONS
(\$ in Thousands)

Description	Operation & Maintenance		Admin & General	Interest			343.1	Debt Service			Repair & Replacement		343.1	342	SUBTOTAL ALLOCATED DEMAND COSTS	Adjustment What Prepds Int & Princ	ALLOCATED DEMAND COSTS	
	601-673 675-919 Alloc 201a	673.1 Alloc 201c		310-313, 316-341 342, 1-343, 345-398 Alloc 201a	314 Alloc 201b	342 Alloc 201c		310-313, 316-341 342, 1-343, 345-398 Alloc 201a	314 Alloc 201b	342 Alloc 201c	343.1 Alloc 201c	314 Alloc 201b						343.1 Alloc 201c
C. COMMERCIAL																		
1. Schedule QMWS	949	54	512	1,628	86	193	162	818	43	97	82	1,074	157	68	101	6,024	30	6,054
2. Schedule MIS																		
	929	52	501	1,593	84	189	159	800	42	95	80	1,051	153	67	99	5,894	30	5,923
TOTAL COMMERCIAL	1,878	106	1,013	3,222	169	382	321	1,618	85	192	161	2,125	310	135	199	11,917	60	11,977
D. OTHER SCHEDULES																		
1. Schedule FPS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Firm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2. Other																		
LVS: Sun Valley	171	0	92	293	15	0	0	147	8	0	0	193	28	0	0	945	(150)	796
LVS: WC-Spanish Sprin	66	0	36	113	6	0	0	57	3	0	0	75	11	0	0	366	0	366
LVS: WC-Double Diarr	159	0	86	272	14	0	0	137	7	0	0	180	26	0	0	881	(36)	843
TOTAL OTHER	396	0	214	679	36	0	0	341	18	0	0	448	65	0	0	2,195	(191)	2,005
TOTAL ALL SCHEDULES	\$6,354	\$336	\$3,429	\$10,901	\$573	\$1,211	\$1,020	\$5,475	\$288	\$608	\$512	\$7,191	\$1,048	\$428	\$333	\$40,009	\$0	\$40,009

Exhibit A

CA-15

TRUCKEE MEADOWS WATER AUTHORITY
COST ALLOCATIONS
(\$ In Thousands)

Description	Operation & Maintenance				676	Admin & General 920-935	Interest	Debt Service	Repair & Replacement				SUBTOTAL ALLOCATED CUSTOMER COSTS	Adjustment: Whlpl Prepd Int & Princ	SUBTOTAL ALLOCATED CUSTOMER COSTS	PUBLIC FIRE Alloc 402	ALLOCATED CUSTOMER COSTS	Operation & Maintenance Alloc 401	Admin & General Alloc 401	Interest Expense Alloc 401	Debt Service Alloc 401	Repair & Replacement Alloc 401	ALLOCATED FIRE COSTS				
	600-666		904						675		389-398													345		346 & 347	
	01-903,905-909	Alloc 301	Alloc 301a	Alloc 302					Alloc 303	Alloc 304	Alloc 502	Alloc 501a												Alloc 503	Alloc 302	Alloc 303	Alloc 304
1. Schedule RFWS	3/4"	\$443	\$13	\$23	\$0	\$8	\$297	\$164	\$82	\$2	\$101	\$0	\$44	\$1,179	\$0	\$1,179	\$42	\$1,221	0	0	0	0	0	0			
	1"	132	4	7	0	3	82	51	25	1	31	0	16	361	0	361	13	374	0	0	0	0	0	0			
	1-1/2"	4	0	0	0	0	3	2	1	0	1	0	1	11	0	11	0	12	0	0	0	0	0	0			
	2"	5	0	0	0	0	4	2	1	0	1	0	2	18	0	18	0	18	0	0	0	0	0	0			
	3"	0	0	0	0	0	1	1	0	0	0	0	0	3	0	3	0	3	0	0	0	0	0	0			
	4"	0	0	0	0	0	1	1	0	0	0	0	0	3	0	3	0	3	0	0	0	0	0	0			
	6"	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		584	18	31	0	11	396	220	110	3	136	0	64	1,575	0	1,575	55	1,631	0	0	0	0	0	0			
2. Schedule SUFR	3/4"	181	5	9	0	2	33	22	11	1	41	0	14	321	0	321	17	338	0	0	0	0	0	0			
3. Schedule MRIS	3/4"	108	3	6	0	1	103	47	24	1	25	0	7	325	0	325	10	335	0	0	0	0	0	0			
	1"	41	1	2	0	1	41	19	9	0	10	0	7	132	0	132	4	136	0	0	0	0	0	0			
	1-1/2"	14	0	1	0	0	16	7	4	0	4	0	0	45	0	45	1	47	0	0	0	0	0	0			
	2"	16	0	1	0	1	19	9	4	0	5	0	6	60	0	60	1	62	0	0	0	0	0	0			
	3"	5	0	2	0	3	32	15	7	0	8	0	19	91	0	91	0	92	0	0	0	0	0	0			
	4"	4	0	2	0	0	30	13	7	0	7	0	1	64	0	64	0	64	0	0	0	0	0	0			
	6"	6	0	3	0	0	58	26	13	0	14	0	0	121	0	121	1	121	0	0	0	0	0	0			
	8"	2	0	1	0	0	21	9	5	0	5	0	1	44	0	44	0	44	0	0	0	0	0	0			
	10"	1	0	1	0	0	10	4	2	0	2	0	0	20	0	20	0	20	0	0	0	0	0	0			
		195	6	18	0	7	329	150	75	2	79	0	41	902	0	902	19	920	0	0	0	0	0	0			
4. Schedule MRFS	3/4"	2	0	0	0	0	1	0	0	0	0	0	0	4	0	4	0	4	0	0	0	0	0	0			
	1"	6	0	0	0	0	4	2	1	0	1	0	1	15	0	15	1	16	0	0	0	0	0	0			
	1-1/2"	8	0	0	0	0	6	3	1	0	2	0	0	21	0	21	1	21	0	0	0	0	0	0			
	2"	3	0	0	0	1	2	1	1	0	1	0	4	13	0	13	0	13	0	0	0	0	0	0			
	3"	1	0	0	0	1	4	2	1	0	2	0	3	14	0	14	0	14	0	0	0	0	0	0			
	4"	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	6"	0	0	0	0	0	1	1	0	0	1	0	0	4	0	4	0	4	0	0	0	0	0	0			
		19	1	2	0	1	18	9	5	0	7	0	8	70	0	70	2	72	0	0	0	0	0	0			
Total Residential Flat Rate		979	30	59	0	22	779	401	201	7	263	0	127	2,868	0	2,868	93	2,961	0	0	0	0	0	0			
B. RESIDENTIAL METERED																											
1. Schedule RMWS	3/4"	6,497	197	335	0	111	1,643	1,008	506	37	1,488	0	653	12,474	0	12,474	617	13,091	0	0	0	0	0	0			
	1"	1,327	40	71	0	27	347	213	107	8	314	0	159	2,613	0	2,613	126	2,739	0	0	0	0	0	0			
	1-1/2"	25	1	2	0	1	6	5	2	0	7	0	6	56	0	56	2	59	0	0	0	0	0	0			
	2"	43	1	3	0	3	14	9	4	1	13	0	21	112	0	112	4	116	0	0	0	0	0	0			
	3"	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	4"	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	6"	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0			
		7,892	240	410	0	142	2,013	1,234	620	46	1,822	0	838	15,256	0	15,256	750	16,006	0	0	0	0	0	0			
2. Schedule MMWS	3/4"	65	2	3	0	1	35	16	8	0	15	0	7	153	0	153	6	159	0	0	0	0	0	0			
	1"	100	3	5	0	2	55	26	13	1	24	0	12	242	0	242	10	251	0	0	0	0	0	0			
	1-1/2"	57	2	4	0	2	37	17	9	0	16	0	13	156	0	156	5	162	0	0	0	0	0	0			
	2"	102	3	7	0	8	69	33	16	1	30	0	48	317	0	317	10	327	0	0	0	0	0	0			
	3"	3	0	1	0	1	12	6	3	0	5	0	3	33	0	33	0	33	0	0	0	0	0	0			
	4"	1	0	0	0	0	4	2	1	0	2	0	2	12	0	12	0	13	0	0	0	0	0	0			
	6"	1	0	0	0	0	4	2	1	0	2	0	1	11	0	11	0	11	0	0	0	0	0	0			
	8"	0	0	0	0	0	2	1	1	0	1	0	1	7	0	7	0	7	0	0	0	0	0	0			
	10"	0	0	0	0	0	1	0	0	0	0	0	1	4	0	4	0	4	0	0	0	0	0	0			
		330	10	21	0	15	219	104	52	3	94	0	88	936	0	936	31	967	0	0	0	0	0	0			
		8,221	250	431	0	157	2,232	1,338	672	49	1,917	0	926	16,193	0	16,193	781	16,974	0	0	0	0	0	0			
TOTAL RESIDENTIAL		9,200	279	490	0	179	3,011	1,739	873	55	2,180	0	1,053	19,061	0	19,061	874	19,935	0	0	0	0	0	0			

EXHIBIT 'A'

CA-16

DRAFT - SUBJECT TO CHANGE

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TRUCKEE MEADOWS WATER AUTHORITY
COST ALLOCATIONS
(\$ In Thousands)

Description	Operation & Maintenance				Admin & General	Interest	Debt Service	Repair & Replacement				SUBTOTAL ALLOCATED CUSTOMER COSTS	Adjustment: Whirl Prepts Int & Princ	SUBTOTAL ALLOCATED CUSTOMER COSTS	plus PUBLIC FIRE	ALLOCATED CUSTOMER COSTS	Operation & Maintenance	Admin & General	Interest Expense	Debt Service	Repair & Replacement	ALLOCATED FIRE COSTS	
	800-600 01-003,005-009 Alloc 301	904 Alloc 302	675 Alloc 303	676 Alloc 304				920-935 Alloc 502	Alloc 501a	Alloc 501a	369-398 Alloc 503												345 Alloc 302
C. COMMERCIAL																							
1. Schedule CMWS	1/2"	177	5	9	0	3	136	68	34	1	41	0	16	492	0	492	17	506	0	0	0	0	0
	1"	181	5	10	0	4	144	71	36	1	43	0	22	516	0	516	17	533	0	0	0	0	0
	1-1/2"	94	3	6	0	4	86	44	22	1	26	0	21	308	0	308	9	317	0	0	0	0	0
	2"	177	5	12	0	4	173	86	43	2	51	0	64	648	0	648	17	665	0	0	0	0	0
	3"	20	1	7	0	3	111	55	27	1	33	0	20	279	0	279	2	281	0	0	0	0	0
	4"	9	0	3	0	2	51	25	13	0	15	0	14	132	0	132	1	133	0	0	0	0	0
	6"	5	0	3	0	2	43	21	11	0	13	0	11	109	0	109	0	110	0	0	0	0	0
	8"	3	0	2	0	2	31	15	8	0	9	0	10	81	0	81	0	81	0	0	0	0	0
	10"	1	0	1	0	1	9	5	2	0	3	0	5	26	0	26	0	27	0	0	0	0	0
		666	20	53	0	35	786	388	195	8	234	0	205	2,591	0	2,591	63	2,654	0	0	0	0	0
2. Schedule MS	1/2"	50	2	3	0	1	70	39	20	0	11	0	5	201	0	201	0	201	0	0	0	0	0
	1"	65	2	3	0	1	94	53	27	0	15	0	8	269	0	269	0	269	0	0	0	0	0
	1-1/2"	57	2	4	0	2	98	56	28	0	16	0	13	276	0	276	0	276	0	0	0	0	0
	2"	126	4	8	0	10	223	126	63	2	36	0	69	657	0	657	0	657	0	0	0	0	0
	3"	4	0	1	0	1	37	21	10	0	6	0	4	83	0	83	0	83	0	0	0	0	0
	4"	6	0	1	0	1	36	22	11	0	6	0	6	89	0	89	0	89	0	0	0	0	0
	6"	0	0	0	0	0	7	4	2	0	1	0	1	16	0	16	0	16	0	0	0	0	0
	8"	0	0	0	0	0	2	1	1	0	0	0	0	5	0	5	0	5	0	0	0	0	0
	10"	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		306	9	21	0	16	569	321	161	3	93	0	96	1,596	0	1,596	0	1,596	0	0	0	0	0
TOTAL COMMERCIAL		972	20	74	0	51	1,355	710	356	11	327	0	301	4,187	0	4,187	63	4,250	0	0	0	0	0
D. OTHER SCHEDULES																							
1. Schedule FPS	1/2"	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0
	1"	2	0	0	0	0	0	0	0	0	0	0	2	0	2	0	2	0	0	0	0	0	0
	1-1/2"	2	0	0	0	0	0	0	0	0	0	0	2	0	2	0	2	0	0	0	0	0	0
	2"	23	0	1	0	0	0	1	0	0	6	0	0	38	0	38	2	40	1	0	0	0	2
	3"	3	0	0	0	0	0	0	0	0	1	0	0	5	0	5	1	6	0	0	0	0	0
	4"	75	0	10	0	0	0	6	3	1	44	0	0	139	0	139	30	169	10	6	7	4	30
	6"	269	0	44	0	0	0	31	15	3	196	0	0	559	0	559	316	875	101	64	7	4	41
	8"	57	0	10	0	0	0	9	5	1	46	0	0	128	0	128	143	271	46	29	33	17	18
	10"	14	0	3	0	0	0	3	2	0	12	0	0	34	0	34	62	95	20	13	14	7	6
	12"	4	0	1	0	0	0	1	1	0	4	0	0	10	0	10	27	38	9	6	6	3	27
		455	0	70	0	0	0	51	20	5	311	0	0	918	0	918	582	1,499	186	118	135	88	75
Public Fire	1/2"																						
	1"																						
	1-1/2"																						
	2"																						
	3"																						
	4"																						
	6"																						
	8"																						
	10"																						
	12"																						
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2. Other																							
LVS: Sun Valley	10"	0	0	0	0	0	0	0	0	0	0	1	2	0	0	2	0	0	0	0	0	0	0
	10"	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	1	2	0	2	0	2	0	0	0	0	0	0
LVS: WC-Spanish Spring	6"	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0
	8"	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0
LVS: WC-Double Diamo	8"	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12"	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FSPR: WC-Double Diam	8"	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0
	12"	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTHER		455	0	70	0	0	0	51	26	5	312	0	2	922	0	922	582	1,503	485	309	352	177	155
TOTAL ALL SCHEDULES		\$10,027	\$309	\$634	\$0	\$230	\$4,396	\$2,500	\$1,255	\$72	\$2,819	\$0	\$1,356	\$24,169	\$0	\$24,169	\$1,519	\$25,688	\$485	\$309	\$352	\$177	\$155

EXHIBIT 66A 99

CA-17

DRAFT - SUBJECT TO CHANGE

K:\Resource\Economic\Cost of Service Studies\COS 2011\2011 Base Case_D-1.xlsx allocated costs 11/4/2011 2:01 PM

TRUCKEE MEADOWS WATER AUTHORITY
COST OF SERVICE SUMMARY
(In Thousands)

Description	Commodity Component	Demand Component	Customer Component	Fire Component	Gross Cost of Service	Less: Hydro Revenues	Less: Other Customer Revenues	Less: Investment Income	Net Cost of Service	Percent	
-----a-----	---b---	---c---	---d---	---e---	---f---	---g---	---h---	---i---	---j---	---k---	
A. RESIDENTIAL FLAT RATE											
1. Schedule RFWS	¾"		\$1,179	\$42							
	1"		361	13							
	1-½"		11	0							
	2"		18	0							
	3"		3	0							
	4"		3	0							
	6"		0	0							
Subtotal A.1	1,773	3,700	1,575	55	7,104	(220)	(151)	(200)	6,532	8.12%	
2. Schedule SUFR	¾"	152	302	321	17	792	(25)	(17)	(20)	730	0.90%
3. Schedule MRIS	¾"		325	10							
	1"		132	4							
	1-½"		45	1							
	2"		60	1							
	3"		91	0							
	4"		64	0							
	6"		121	1							
	8"		44	0							
	10"		20	0							
Subtotal A.3	1,765	2,214	902	19	4,900	(152)	(104)	(136)	4,507	5.60%	
4. Schedule MRFS	¾"		4	0							
	1"		15	1							
	1-½"		21	1							
	2"		13	0							
	3"		14	0							
	4"		0	0							
	6"		4	0							
Subtotal A.4	92	143	70	2	306	(9)	(7)	(8)	282	0.35%	
Total Residential Flat Rate	3,781	6,359	2,868	93	13,102	(406)	(279)	(365)	12,052	14.97%	
B. RESIDENTIAL METERED											
1. Schedule RMWS	¾"		12,474	617							
	1"		2,613	126							
	1-½"		56	2							
	2"		112	4							
	3"		0	0							
	4"		0	0							
	6"		1	0							
Subtotal B.1	9104	18,234	15,256	750	43,344	(1,342)	(924)	(1,124)	39,955	49.53%	
2. Schedule MMWS	¾"		153	6							
	1"		242	10							
	1-½"		156	5							
	2"		317	10							
	3"		33	0							
	4"		12	0							
	6"		11	0							
	8"		7	0							
	10"		4	0							
Subtotal B.2	1192	1,433	936	31	3,592	(111)	(77)	(94)	3,310	4.10%	
Total Residential Metered	10,296	19,667	16,193	781	46,937	(1,453)	(1,000)	(1,218)	43,265	53.63%	
TOTAL RESIDENTIAL	14,078	26,026	19,061	874	60,038	(1,859)	(1,279)	(1,583)	55,317	68.60%	

EXHIBIT "A"

CA-18

TRUCKEE MEADOWS WATER AUTHORITY
COST OF SERVICE SUMMARY
(In Thousands)

Description	Commodity Component	Demand Component	Customer Component	Fire Component	Gross Cost of Service	Less: Hydro Revenues	Less: Other Customer Revenues	Less: Investment Income	Net Cost of Service	Percent
-----a-----	---b---	---c---	---d---	---e---	---f---	---g---	---h---	---i---	---j---	---k---
C. COMMERCIAL										
1. Schedule GMWS	¾"		492	17						
	1"		516	17						
	1-½"		308	9						
	2"		648	17						
	3"		279	2						
	4"		132	1						
	6"		109	0						
	8"		81	0						
	10"		26	0						
Subtotal C.1		3,949	6,054	2,591	63	12,658	(392)	(270)	(354)	11,642 14.46%
2. Schedule MIS	¾"		201	0						
	1"		269	0						
	1-½"		276	0						
	2"		657	0						
	3"		83	0						
	4"		89	0						
	6"		16	0						
	8"		5	0						
	10"		0	0						
Subtotal C.2		2,293	5,923	1,596	0	9,812	(304)	(209)	(292)	9,007 11.21%
TOTAL COMMERCIAL		6,242	11,977	4,187	63	22,470	(696)	(479)	(646)	20,649 25.68%
D. OTHER SCHEDULES										
1. Schedule FPS	¾"	0	0	1	0	1	(0)	(0)	(0)	1 0.00%
	1"	0	0	2	0	2	(0)	(0)	(0)	2 0.00%
	1-½"	0	0	2	0	2	(0)	(0)	(0)	2 0.00%
	2"	0	0	38	2	40	(1)	(1)	(1)	37 0.05%
	3"	0	0	5	1	6	(0)	(0)	(0)	5 0.01%
	4"	0	0	139	30	169	(5)	(4)	(5)	155 0.19%
	6"	0	0	559	316	875	(27)	(19)	(28)	801 1.00%
	8"	0	0	128	143	271	(8)	(8)	(8)	248 0.31%
	10"	0	0	34	62	95	(3)	(2)	(3)	88 0.11%
	12"	0	0	10	27	38	(1)	(1)	(1)	35 0.04%
		0	0	918	582	1,499	(46)	(32)	(46)	1,375 1.71%
2. Wholesale										
LVS: Sun Valley		459	796	2	0	1,256	(39)	0	(56)	1,162 1.44%
LVS: WC-Spanish Springs		441	366	1	0	808	(25)	0	(27)	756 0.92%
LVS: WC-Double Diamond		0	0	0	0	0	0	0	0	0 0.00%
FSPR: WC-Double Diamond		598	843	1	0	1,443	(45)	0	(54)	1,344 1.65%
TOTAL OTHER SCHEDULES		1,498	2,005	922	582	5,006	(155)	(32)	(183)	4,636 5.72%
TOTAL ALL SCHEDULES		\$21,818	\$40,009	\$24,169	\$1,519	\$87,514	(\$2,710)	(\$1,790)	(\$2,412)	\$80,602 100.00%

EXHIBIT "A"

CA-19

COMPARISON OF CURRENT REVENUES TO PROJECTED FIRST YEAR REVENUES BY YEAR BY CLASS
(\$ in thousands)

Description	Flat Services				Metered Services				FPS	SVGID	WC-SSV	WC-SETM	SUBTOTAL	Credits: Hydro/Int Inc/ Other Revs	TOTAL
	RFWS	SUFR	MRIS	MRFS	RMWS	MMWS	GMWS	MIS							
a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p
1 Net Cost of Service	\$6,532	\$730	\$4,507	\$282	\$39,955	\$3,310	\$11,642	\$9,007	\$1,375	\$1,162	\$756	\$1,344	\$80,602	\$6,912	\$87,514
2 Less: FY11 Rate Revenues	5,939	621	4,774	278	34,668	2,969	10,214	7,725	1,282	980	746	1,212	71,408	6,912	78,320
3 Equals: Current Revenue Surplus/(Deficiency)	(\$593)	(\$110)	\$267	(\$4)	(\$5,287)	(\$341)	(\$1,428)	(\$1,282)	(\$92)	(\$181)	(\$10)	(\$132)	(\$9,194)	\$0	(\$9,194)
4 Net Cost of Service	\$6,532	\$730	\$4,507	\$282	\$39,955	\$3,310	\$11,642	\$9,007	\$1,375	\$1,162	\$756	\$1,344	\$80,602	\$6,912	\$87,514
5 Less: Year 1 Revenues at Year 1 Proposed Rates	6,102	635	4,696	272	36,393	3,027	10,445	8,068	1,338	1,012	782	1,245	74,015	6,912	80,927
6 Equals: Revenue Surplus/(Deficiency) Year 1	(\$430)	(\$95)	\$189	(\$10)	(\$3,582)	(\$283)	(\$1,197)	(\$939)	(\$37)	(\$150)	\$26	(\$99)	(\$6,587)	\$0	(\$6,587)
7 Estimated Year 1 increase in total revenues: 3.65%															

EXHIBIT "A"

R20

YEAR 2

COMPARISON OF FIRST YEAR PROJECTED REVENUES TO PROJECTED SECOND YEAR REVENUES BY YEAR BY CLASS

Description	(\$ in thousands)												Credits: Hydro/Int Inc/ Other Revs	TOTAL	
	Flat Services			Metered Services					FPS	SVGID	WC-SSV	WC-SETM			SUBTOTAL
	RFWS	SUFR	MRIS	MRFS	RMWS	MMWS	GMWS	MIS							
a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p
1 Net Cost of Service	\$6,532	\$730	\$4,507	\$282	\$39,955	\$3,310	\$11,642	\$9,007	\$1,375	\$1,162	\$756	\$1,344	\$80,602	\$6,912	\$87,514
2 Less: Estimated Year 1 Revenues	6,102	635	4,696	272	36,393	3,027	10,445	8,068	1,338	1,012	782	1,245	74,015	6,912	80,927
3 Equals: Revenue Surplus/(Deficiency)	(\$430)	(\$95)	\$189	(\$10)	(\$3,562)	(\$283)	(\$1,197)	(\$939)	(\$37)	(\$150)	\$26	(\$99)	(\$6,587)	\$0	(\$6,587)
4 Net Cost of Service	\$6,532	\$730	\$4,507	\$282	\$39,955	\$3,310	\$11,642	\$9,007	\$1,375	\$1,162	\$756	\$1,344	\$80,602	\$6,912	\$87,514
5 Less: Year 2 Revenues at Year 2 Proposed Rates	6,526	693	4,696	272	37,625	3,090	10,854	8,130	1,351	1,036	797	1,263	76,332	6,912	83,244
6 Equals: Revenue Surplus/(Deficiency)	(\$7)	(\$38)	\$189	(\$10)	(\$2,330)	(\$220)	(\$788)	(\$877)	(\$23)	(\$126)	\$41	(\$81)	(\$4,270)	\$0	(\$4,270)
7 Estimated increase in total revenues: 3.13%															

EXHIBIT "A"

R20.1

YEAR 3

COMPARISON OF FIRST YEAR PROJECTED REVENUES TO PROJECTED SECOND YEAR REVENUES BY YEAR BY CLASS

Description	(\$ in thousands)												Credits: Hydro/Int Inc/ Other Revs	TOTAL	
	Flat Services			Metered Services					FPS	SVGID	WC-SSV	WC-SETM			SUBTOTAL
	RFWS	SUFR	MRIS	MRFS	RMWS	MMWS	GMWS	MIS							
a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p
1 Net Cost of Service	\$6,532	\$730	\$4,507	\$282	\$39,955	\$3,310	\$11,642	\$9,007	\$1,375	\$1,162	\$756	\$1,344	\$80,602	\$6,912	\$87,514
2 Less: Estimated Year 2 Revenues	6,526	693	4,696	272	37,625	3,090	10,854	8,130	1,351	1,036	797	1,263	76,332	6,912	83,244
3 Equals: Revenue Surplus/(Deficiency)	(\$7)	(\$38)	\$189	(\$10)	(\$2,330)	(\$220)	(\$788)	(\$877)	(\$23)	(\$126)	\$41	(\$81)	(\$4,270)	\$0	(\$4,270)
4 Net Cost of Service	\$6,532	\$730	\$4,507	\$282	\$39,955	\$3,310	\$11,642	\$9,007	\$1,375	\$1,162	\$756	\$1,344	\$80,602	\$6,912	\$87,514
5 Less: Year 3 Revenues at Year 3 Proposed Rates	6,813	756	4,696	272	38,389	3,129	10,932	8,168	1,373	1,063	797	1,288	77,675	6,912	84,587
6 Equals: Revenue Surplus/(Deficiency)	\$281	\$25	\$189	(\$10)	(\$1,566)	(\$182)	(\$710)	(\$839)	(\$2)	(\$98)	\$41	(\$56)	(\$2,928)	\$0	(\$2,928)
7 Estimated increase in total revenues: 1.76%															

EXHIBIT 'A'

R20.2

TRUCKEE MEADOWS WATER AUTHORITY
PROPOSED RATES AND ANNUAL REVENUE ESTIMATES

Description	Year-end Number of Services	Year-end Number of Units	Annualized Services	Annualized Units	Phase 1 Rates			Phase 1 Revenues			Phase 2 Rates			Phase 2 Revenues			Phase 3 Rates			Phase 3 Revenues			
					Customer Rates	Unit Rates	Usage Rates	Customer	Unit	Usage	Customer Rates	Unit Rates	Usage Rates	Customer	Unit	Usage	Customer Rates	Unit Rates	Usage Rates	Customer	Unit	Usage	
	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w
A. RESIDENTIAL FLAT RATE																							
1. Schedule RFWS	3/4"	3,552	3,552	42,624	42,624	394.10			4,011			\$100.63			4,289			\$105.06			4,478		
	1"	1,110	1,110	13,320	13,320	135.50			1,805			144.90			1,930			151.30			2,015		
	1-1/2"	31	31	372	372	245.60			91			262.60			98			274.20			102		
	2"	42	42	504	504	350.10			176			374.30			189			390.80			197		
	3"	1	1	12	12	439.40			5			469.90			6			490.60			6		
	4"	2	2	24	24	557.10			13			595.70			14			622.00			15		
	6"	0	0	0	0	690.50			0			738.50			0			771.00			0		
Subtotal A.1		4,738	4,738	56,856	56,856				6,102	0	0				6,526	0	0				6,813	0	0
2. Schedule SUFR	3/4"	1,476	1,476	17,712	17,712	35.87			635			39.12			693			42.66			756		
3. Schedule MRIS	3/4"	924	2,509	11,088	30,108	34.20			379	346		34.20			379	346		34.20			379	346	
	1"	365	2,093	4,380	25,116	50.30			220	289		50.30			220	289		50.30			220	289	
	1-1/2"	116	1,194	1,392	14,328	79.40			111	165		79.40			111	165		79.40			111	165	
	2"	136	2,415	1,632	28,980	125.30			204	333		125.30			204	333		125.30			204	333	
	3"	41	1,960	492	23,520	210.30			103	270		210.30			103	270		210.30			103	270	
	4"	35	2,065	420	24,780	429.30			180	285		429.30			180	285		429.30			180	285	
	6"	50	5,281	600	63,372	693.10			416	729		693.10			416	729		693.10			416	729	
	8"	14	2,016	168	24,192	885.40			149	278		885.40			149	278		885.40			149	278	
	10"	5	1,173	60	14,076	1,260.40			76	162		1,260.40			76	162		1,260.40			76	162	
Subtotal A.3		1,686	20,706	20,232	248,472		11.50		1,839	2,857	0		11.50		1,839	2,857	0		11.50		1,839	2,857	0
4. Schedule MRFS	3/4"	14	24	168	288	17.00			3	3		17.00			3	3		17.00			3	3	
	1"	52	305	624	3,660	18.70			12	40		18.70			12	40		18.70			12	40	
	1-1/2"	66	490	792	5,880	21.30			17	64		21.30			17	64		21.30			17	64	
	2"	27	228	324	2,736	24.70			8	30		24.70			8	30		24.70			8	30	
	3"	8	369	96	4,428	28.10			3	48		28.10			3	48		28.10			3	48	
	4"	0	0	0	0	32.30			0	0		32.30			0	0		32.30			0	0	
	6"	2	332	24	3,984	37.40			1	43		37.40			1	43		37.40			1	43	
Subtotal A.4		169	1,748	2,028	20,976		10.90		43	229	0		10.90		43	229	0		10.90		43	229	0
Total Residential Flat Rate		8,069	28,668	96,828	344,016				8,619	3,086	0				9,100	3,086	0				9,450	3,086	0
B. RESIDENTIAL METERED																							
1. Schedule RMWS	3/4"	58,081	58,081	696,972	696,972	17.12			11,932			18.54			12,922			19.42			13,535		
	1"	11,823	11,823	141,876	141,876	18.80			2,657			20.40			2,894			21.40			3,036		
	1-1/2"	224	224	2,688	2,688	21.40			58			23.20			62			24.30			65		
	2"	390	390	4,680	4,680	24.80	tier 1	1.72	116	tier 1	6,707	26.90	tier 1	1.72	126	tier 1	6,707	28.20	tier 1	1.72	132	tier 1	6,707
	3"	0	0	0	0	28.20	tier 2	2.78	0	tier 2	10,817	30.60	tier 2	2.78	0	tier 2	10,817	32.00	tier 2	2.78	0	tier 2	10,817
	4"	0	0	0	0	32.50	tier 3	3.25	0	tier 3	4,096	35.20	tier 3	3.25	0	tier 3	4,096	36.90	tier 3	3.25	0	tier 3	4,096
	6"	1	1	12	12	37.70			0			40.80			0			42.70			1		
Subtotal B.1		70,519	70,519	846,228	846,228				14,773		21,620				16,005		21,620				16,769		21,620
2. Schedule MMWS	3/4"	603	1,555	7,236	18,660	17.12			124			18.54			134			19.42			141		
	1"	890	4,701	10,580	56,412	18.80			201			20.40			218			21.40			229		
	1-1/2"	510	4,350	6,120	52,200	21.40			131			23.20			142			24.30			149		
	2"	907	12,246	10,894	146,952	24.80	tier 1	1.72	270	tier 1	1,637	26.90	tier 1	1.72	293	tier 1	1,637	28.20	tier 1	1.72	307	tier 1	1,637
	3"	27	1,817	324	21,804	28.20	tier 2	2.78	9	tier 2	647	30.60	tier 2	2.78	10	tier 2	647	32.00	tier 2	2.78	10	tier 2	647
	4"	9	550	108	6,600	32.50			4			35.20			4			36.90			4		
	6"	5	764	60	9,168	37.70			2			40.80			2			42.70			2		
	8"	3	570	36	6,840	43.70			2			47.30			2			49.50			2		
	10"	1	216	12	2,592	51.40			1			55.60			1			58.30			1		
Subtotal B.2		2,955	26,769	35,460	321,228				743		2,284			805		2,284					844		2,284
Total Residential Metered		73,474	97,288	881,688	1,167,456				15,516	0	23,904			16,810	0	23,904					17,613	0	23,904
TOTAL RESIDENTIAL		81,543	125,956	978,516	1,511,472				24,135	3,086	23,904			25,910	3,086	23,904					27,064	3,086	23,904

EXHIBIT "A"

R21

TRUCKEE MEADOWS WATER AUTHORITY
PROPOSED RATES AND ANNUAL REVENUE ESTIMATES

Description	Year-end Number of Services	Year-end Number of Units	Annualized Services	Annualized Units	Phase 1 Rates			Phase 1 Revenues			Phase 2 Rates			Phase 2 Revenues			Phase 3 Rates			Phase 3 Revenues		
					Customer Rates	Unit Rates	Usage Rates	Customer	Unit	Usage	Customer Rates	Unit Rates	Usage Rates	Customer	Unit	Usage	Customer Rates	Unit Rates	Usage Rates	Customer	Unit	Usage
a	b	c	d	e	f	g	h	i	j	k	m	n	o	p	q	r	s	t	u	v	w	
C. COMMERCIAL																						
1. Schedule GMWS																						
1/4"	1,562		18,744		17.12			321			18.54		348			19.42			364			
1"	1,604		19,248		18.80			362			20.40		393			21.40			412			
1-1/2"	835		10,020		21.40			214			23.20		232			24.30			243			
2"	1,583		18,996		24.80			471			26.90		511			28.20			536			
3"	181		2,172		28.20			61			30.60		66			32.00			70			
4"	77		924		32.50	tier 1	1.72	30	tier 1	3,576	35.20	tier 1	33	tier 1	3,183	36.90	tier 1	1.72	34	tier 1	3,183	
6"	46		552		37.70	tier 2	2.78	21	tier 2	3,716	40.80	tier 2	23	tier 2	4,107	42.70	tier 2	2.78	24	tier 2	4,107	
8"	23		276		43.70	tier 3	3.25	12	tier 3	1,657	47.30	tier 3	13	tier 3	1,943	49.50	tier 3	3.25	14	tier 3	1,943	
10"	5		60		51.40			3			55.60		3			58.30			3			
Subtotal C.1	5,916		70,992					1,496		8,949			1,622		9,233				1,699		9,233	
2. Schedule MIS																						
1/4"	459		5,508		17.12			94			18.54		102			19.42			107			
1"	592		7,104		18.80			134			20.40		145			21.40			152			
1-1/2"	521		6,252		21.40			134			23.20		145			24.30			152			
2"	1,143		13,716		24.80	mid/off peak	2.78	340	mid/off peak	1,605	26.90	id/off peak	369	mid/off peak	1,605	28.20	id/off peak	2.78	387	mid/off peak	1,605	
3"	34		408		28.20	peak	3.37	12	peak	5,735	30.60	peak	12	peak	5,735	32.00	peak	3.37	13	peak	5,735	
4"	33		396		32.50			13			35.20		14			36.90			15			
6"	4		48		37.70			2			40.80		2			42.70			2			
8"	1				43.70			0			47.30		0			49.50			0			
10"	0				51.40			0			55.60		0			58.30			0			
Subtotal C.2	2,787		33,432					728	0	7,340			789	0	7,340				827	0	7,340	
TOTAL COMMERCIAL	8,703		104,424					2,224	0	16,290			2,411	0	16,573				2,527	0	16,573	
D. OTHER SCHEDULES																						
1. Schedule FPS																						
1/4"	5	Annualize	45					0					0						0			
1"	16	services are	192					1					1						1			
1-1/2"	14	in billing inches	252					1					1						1			
2"	258		6,192					31					31						32			
3"	27		972					5					5						5			
4"	679		32,592					164					165						168			
6"	2,428		174,672					877					886						900			
8"	518		49,728					250					252						256			
10"	123		1,476					7					7						8			
12"	33		396					2					2						2			
Subtotal	4,099		266,517		5.02			1,338	0	5,070			1,351	0	5,150				1,373	0	5,150	
2. Wholesale																						
LVS: Sun Valley	1		12		126.50	tier 1	1.46	2	t1-SVGID	497	126.50	tier 1	1.48	2	t1-SVGID	504	126.50	tier 1	1.51	2	t1-SVGID	514
LVS: WC-Spanish Springs	1		12			tier 2	2.37		t2-SVGID	513		tier 2	2.45		t2-SVGID	531		tier 2	2.53		t2-SVGID	548
LVS: WC-Double Diamond	0		0			tier 1	1.41	2	t1-WC SSV	355		tier 1	1.41	2	t1-WC SSV	355		tier 1	1.41	2	t1-WC SSV	355
FSPR: WC-Double Diamond						tier 2	2.25		t2-WC SSV	425		tier 2	2.33		t2-WC SSV	440		tier 2	2.33		t2-WC SSV	440
						tier 1	0.00	0	t1-WC STM	662		tier 1	0.00	0	t1-WC STM	662		tier 1	0.00	0	t1-WC STM	662
						tier 2	0.00		t2-WC STM	581		tier 2	0.00		t2-WC STM	600		tier 2	0.00		t2-WC STM	624
						dmd chrg use	14.15					dmd chrg use	14.15					dmd chrg use	14.15			
TOTAL OTHER SCHEDULES	1		12				0.95	2					2						2			
TOTAL ALL SCHEDULES	4,102		266,565					1,342		3,034			1,356		3,092				1,377		3,144	
	94,348		1,349,505					\$27,701	\$3,086	\$43,228			\$29,677	\$3,086	\$43,569				\$30,968	\$3,086	\$43,621	
										\$74,015					\$76,332						\$77,675	

EXHIBIT 'A'

R22

11-16-11 BOARD Agenda Item 7 Attachment A

DESCRIPTION	6/1/2010 ADOPTED RATES	2/1/2012			2/1/2013			2/1/2014			
		PHASE 1 RATES	DOLLAR CHANGE	PERCENT CHANGE	PHASE 2 RATES	DOLLAR CHANGE	PERCENT CHANGE	PHASE 2 RATES	DOLLAR CHANGE	PERCENT CHANGE	
-----a-----	---b---	---c---	---d---	---e---	---f---	---g---	---h---	---i---	---j---	---k---	
* FLAT-RATE RESIDENTIAL - Schedule RFWS	¾"	86.30	94.10	7.80	9.04%	100.63	6.53	6.94%	105.06	4.43	4.40%
	1"	124.30	135.50	11.20	9.01%	144.90	9.40	6.94%	151.30	6.40	4.42%
3	1-½"	225.20	245.60	20.40	9.06%	262.60	17.00	6.92%	274.20	11.60	4.42%
4	2"	321.00	350.10	29.10	9.07%	374.30	24.20	6.91%	390.80	16.50	4.41%
5	3"	403.00	439.40	36.40	9.03%	469.90	30.50	6.94%	490.60	20.70	4.41%
6	4"	510.90	557.10	46.20	9.04%	595.70	38.60	6.93%	622.00	26.30	4.41%
7											
8 FLAT-RATE SMALL RESIDENTIAL - Sched. SUFR	¾"	32.90	35.87	2.97	9.03%	39.12	3.25	9.06%	42.66	3.54	9.05%
9 (lot size < 3000 sq ft)											
10 FLAT RATE MULTI-TENANT - Schedule MRIS	¾"	34.20	34.20	0.00	0.00%	34.20	0.00	0.00%	34.20	0.00	0.00%
11 (with irrigation)	1"	50.30	50.30	0.00	0.00%	50.30	0.00	0.00%	50.30	0.00	0.00%
12	1-½"	79.40	79.40	0.00	0.00%	79.40	0.00	0.00%	79.40	0.00	0.00%
13	2"	125.30	125.30	0.00	0.00%	125.30	0.00	0.00%	125.30	0.00	0.00%
14	3"	210.30	210.30	0.00	0.00%	210.30	0.00	0.00%	210.30	0.00	0.00%
15	4"	429.30	429.30	0.00	0.00%	429.30	0.00	0.00%	429.30	0.00	0.00%
16	6"	693.10	693.10	0.00	0.00%	693.10	0.00	0.00%	693.10	0.00	0.00%
17	8"	885.40	885.40	0.00	0.00%	885.40	0.00	0.00%	885.40	0.00	0.00%
18	10"	1,260.40	1,260.40	0.00	0.00%	1,260.40	0.00	0.00%	1,260.40	0.00	0.00%
19											
20 Monthly Unit Rate		11.50	11.50	0.00	0.00%	11.50	0.00	0.00%	11.50	0.00	0.00%
21											
22 FLAT-RATE MULTI-TENANT - Schedule MRFS	¾"	17.00	17.00	0.00	0.00%	17.00	0.00	0.00%	17.00	0.00	0.00%
23 (without irrigation)	1"	18.70	18.70	0.00	0.00%	18.70	0.00	0.00%	18.70	0.00	0.00%
24	1-½"	21.30	21.30	0.00	0.00%	21.30	0.00	0.00%	21.30	0.00	0.00%
25	2"	24.70	24.70	0.00	0.00%	24.70	0.00	0.00%	24.70	0.00	0.00%
26	3"	28.10	28.10	0.00	0.00%	28.10	0.00	0.00%	28.10	0.00	0.00%
27	4"	32.30	32.30	0.00	0.00%	32.30	0.00	0.00%	32.30	0.00	0.00%
28	6"	37.40	37.40	0.00	0.00%	37.40	0.00	0.00%	37.40	0.00	0.00%
29											
30 Monthly Unit Rate		10.90	10.90	0.00	0.00%	10.90	0.00	0.00%	10.90	0.00	0.00%
31											
32 METERED RESIDENTIAL - Schedule RMWS	¾"	15.70	17.12	1.42	9.04%	18.54	1.42	8.29%	19.42	0.88	4.75%
33	1"	17.20	18.80	1.60	9.30%	20.40	1.60	8.51%	21.40	1.00	4.90%
34	1-½"	19.60	21.40	1.80	9.18%	23.20	1.80	8.41%	24.30	1.10	4.74%
35	2"	22.80	24.80	2.00	8.77%	26.90	2.10	8.47%	28.20	1.30	4.83%
36	3"	25.90	28.20	2.30	8.88%	30.60	2.40	8.51%	32.00	1.40	4.58%
37	4"	29.80	32.50	2.70	9.06%	35.20	2.70	8.31%	36.90	1.70	4.83%
	6"	34.50	37.70	3.20	9.28%	40.80	3.10	8.22%	42.70	1.90	4.66%
40 Usage <=6 mgal		1.72	1.72	0.00	0.00%	1.72	0.00	0.00%	1.72	0.00	0.00%
41 Usage >6 & <= 25 mgal		2.78	2.78	0.00	0.00%	2.78	0.00	0.00%	2.78	0.00	0.00%
42 Usage >25 mgal		3.25	3.25	0.00	0.00%	3.25	0.00	0.00%	3.25	0.00	0.00%
43											
44 METERED MULTI TENANT - Schedule MMWS	¾"	15.70	17.12	1.42	9.04%	18.54	1.42	8.29%	19.42	0.88	4.75%
45	1"	17.20	18.80	1.60	9.30%	20.40	1.60	8.51%	21.40	1.00	4.90%
46	1-½"	19.60	21.40	1.80	9.18%	23.20	1.80	8.41%	24.30	1.10	4.74%
47	2"	22.80	24.80	2.00	8.77%	26.90	2.10	8.47%	28.20	1.30	4.83%
48	3"	25.90	28.20	2.30	8.88%	30.60	2.40	8.51%	32.00	1.40	4.58%
49	4"	29.80	32.50	2.70	9.06%	35.20	2.70	8.31%	36.90	1.70	4.83%
50	6"	34.50	37.70	3.20	9.28%	40.80	3.10	8.22%	42.70	1.90	4.66%
51	8"	40.00	43.70	3.70	9.25%	47.30	3.60	8.24%	49.50	2.20	4.65%
52	10"	47.00	51.40	4.40	9.36%	55.60	4.20	8.17%	58.30	2.70	4.86%
53											
54 Usage 4 mgal per unit		1.72	1.72	0.00	0.00%	1.72	0.00	0.00%	1.72	0.00	0.00%
55 Usage >4 mgal per unit		2.78	2.78	0.00	0.00%	2.78	0.00	0.00%	2.78	0.00	0.00%
56											
57 METERED COMMERCIAL - Schedule GMWS											
58 Tier 1 mgals Tier 2 mgals Tier 3 mgals	¾"	15.70	17.12	1.42	9.04%	18.54	1.42	8.29%	19.42	0.88	4.75%
59 0 to 7 >7 and <=30 >30	1"	17.20	18.80	1.60	9.30%	20.40	1.60	8.51%	21.40	1.00	4.90%
60 0 to 14 >14 and <=65 >65	1-½"	19.60	21.40	1.80	9.18%	23.20	1.80	8.41%	24.30	1.10	4.74%
61 0 to 28 >28 and <=120 >120	2"	22.80	24.80	2.00	8.77%	26.90	2.10	8.47%	28.20	1.30	4.83%
62 0 to 50 >50 and <=210 >210	3"	25.90	28.20	2.30	8.88%	30.60	2.40	8.51%	32.00	1.40	4.58%
63 0 to 165 >165 and <=640 >640	4"	29.80	32.50	2.70	9.06%	35.20	2.70	8.31%	36.90	1.70	4.83%
64 0 to 300 >300 and <=1,300 >1,300	6"	34.50	37.70	3.20	9.28%	40.80	3.10	8.22%	42.70	1.90	4.66%
65 0 to 1,000 >1,000 and <=2,600 >2,600	8"	40.00	43.70	3.70	9.25%	47.30	3.60	8.24%	49.50	2.20	4.65%
66 0 to 1,475 >1,475 and <=6,000 >6,000	10"	47.00	51.40	4.40	9.36%	55.60	4.20	8.17%	58.30	2.70	4.86%
67 0 to 9,500 >9,500 and <=15,000 >15,000											
68											
69 Usage first tier - mgal		1.72	1.72	0.00	0.00%	1.72	0.00	0.00%	1.72	0.00	0.00%
70 Usage second tier - mgal		2.78	2.78	0.00	0.00%	2.78	0.00	0.00%	2.78	0.00	0.00%
71 Usage third tier - mgal		3.25	3.25	0.00	0.00%	3.25	0.00	0.00%	3.25	0.00	0.00%

mgal = thousand gallons
Mgal = million gallons

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11-16-11 BOARD Agenda Item 7 Attachment A

DESCRIPTION	6/1/2010 ADOPTED RATES	2/1/2012			2/1/2013			2/1/2014			
		PHASE 1 RATES	DOLLAR CHANGE	PERCENT CHANGE	PHASE 2 RATES	DOLLAR CHANGE	PERCENT CHANGE	PHASE 2 RATES	DOLLAR CHANGE	PERCENT CHANGE	
-----a-----	-----b-----	-----c-----	-----d-----	-----e-----	-----f-----	-----g-----	-----h-----	-----i-----	-----j-----	-----k-----	
74 METERED IRRIGATION - Schedule MIS	¾"	15.70	17.12	1.42	9.04%	18.54	1.42	8.29%	19.42	0.88	4.75%
	1"	17.20	18.80	1.60	9.30%	20.40	1.60	8.51%	21.40	1.00	4.90%
	1-½"	19.60	21.40	1.80	9.18%	23.20	1.80	8.41%	24.30	1.10	4.74%
75	2"	22.80	24.80	2.00	8.77%	26.90	2.10	8.47%	28.20	1.30	4.83%
76	3"	25.90	28.20	2.30	8.88%	30.60	2.40	8.51%	32.00	1.40	4.58%
77	4"	29.80	32.50	2.70	9.06%	35.20	2.70	8.31%	36.90	1.70	4.83%
78	6"	34.50	37.70	3.20	9.28%	40.80	3.10	8.22%	42.70	1.90	4.66%
79	8"	40.00	43.70	3.70	9.25%	47.30	3.60	8.24%	49.50	2.20	4.65%
80	10"	47.00	51.40	4.40	9.36%	55.60	4.20	8.17%	58.30	2.70	4.86%
81											
82 Off-Peak - mgal		2.78	2.78	0.00	0.00%	2.78	0.00	0.00%	2.78	0.00	0.00%
83 On-Peak - mgal		3.25	3.37	0.12	3.69%	3.37	0.00	0.00%	3.37	0.00	0.00%
84											
85 OTHER SCHEDULES/CHARGES											
86 a. Private Fire - Schedule FPS (per inch diameter)		4.60	5.02	0.42	9.13%	5.07	0.05	1.00%	5.15	0.08	1.58%
87											
88 b. Metered Wholesale - SVGID											
89 Monthly Charge (per meter)		126.50	126.50	0.00	0.00%	126.50	0.00	0.00%	126.50	0.00	0.00%
90 Usage <=29 Mgal per month		1.41	1.46	0.05	3.55%	1.48	0.02	1.37%	1.51	0.03	2.03%
91 Usage >29 Mgal per month		2.29	2.37	0.08	3.49%	2.45	0.08	3.38%	2.53	0.08	3.27%
92											
93 c. Metered Wholesale - Washoe County Spanish Springs											
94 Monthly Charge (per meter)		126.50	126.50	0.00	0.00%	126.50	0.00	0.00%	126.50	0.00	0.00%
95 Usage <=21 Mgal per month		1.36	1.41	0.05	3.68%	1.41	0.00	0.00%	1.41	0.00	0.00%
96 Usage >21 Mgal per month		2.17	2.25	0.08	3.69%	2.33	0.08	3.56%	2.33	0.00	0.00%
97											
98 d. Metered Wholesale - Schedule FSPR											
99 Monthly Charge (per meter)		126.50	126.50	0.00	0.00%	126.50	0.00	0.00%	126.50	0.00	0.00%
100 Demand charge per mgal per month		13.80	14.15	0.35	2.54%	14.15	0.00	0.00%	14.15	0.00	0.00%
101 Usage per mgal per month		0.92	0.95	0.03	3.26%	0.98	0.03	3.16%	1.02	0.04	4.08%
102											
103 e. Metered Non-Potable - Schedule NPS											
104 Monthly Charge (per meter)		29.41	32.08	2.67	9.08%	33.09	1.01	3.15%	33.68	0.59	1.78%
105 Treated water rate per mgal		3.25	3.37	0.12	3.69%	3.37	0.00	0.00%	3.37	0.00	0.00%
106 Untreated water rate per mgal		0.92	0.95	0.03	3.26%	0.98	0.03	3.16%	1.02	0.04	4.08%
107											
108 f. Ditch Service - Schedule DIS (per acre foot)		16.04	17.49	1.45	9.05%	18.95	1.46	8.34%	19.85	0.90	4.75%
g. Interruptible - Schedule IWS											
111 Monthly Charge (per meter)		29.41	32.08	2.67	9.08%	33.09	1.01	3.15%	33.68	0.59	1.78%
112 Usage per mgal per month		0.92	0.95	0.03	3.26%	0.98	0.03	3.16%	1.02	0.04	4.08%
113											

mgal = thousand gallons
Mgal = million gallons

R24

Truckee Meadows Water Authority

RATE SCHEDULES

RMWS – RESIDENTIAL METERED WATER SERVICE

APPLICABILITY

Delivery of water under this Rate Schedule is available for all purposes to any single family residential dwelling served through a separate Service Connection. This Rate Schedule is mandatory for delivery of water to residential Customers in newly constructed residential buildings which are occupied for the first time on or after July 1, 1988; and for residential Customers who receive a Meter pursuant to Rules 2 and 6.

Effective March 1, 2002, any single family residential Customer making a first-time request for residential delivery of water at an existing RFWS or SUFR and any previous single family residential Customer requesting a change of delivery of water to a different single family residential existing RFWS or SUFR, will be required to pay the metered rate pursuant to this Rate Schedule. For previously Unmetered Service Property(ies), the Authority will install Meter Facilities as soon as practicable, with costs to be borne by the Authority in accordance with Rule 6.

AVAILABILITY

The Authority's retail service territory.

RATES

Customer Charge Per Billing Period

<u>Meter Size</u>	<u>Per Meter</u>
Up to 3/4"	\$15.70 17.12
1"	\$17.20 18.80
1 1/2"	\$19.60 21.40
2"	\$22.80 24.80
3"	\$25.90 28.20
4"	\$29.80 32.50
6"	\$34.50 37.70

Commodity Charge per 1,000 Gallons for each Tier, All Meter Sizes

Tier 1 0 to 6,000 Gallons per Billing Period	\$1.72
Tier 2 6,001 to 25,000 Gallons per Billing Period	\$2.78
Tier 3 Greater than 25,000 Gallons per Billing Period	\$3.25

Late Charge

5% of any amount in arrears from previous billings.

| Added: 03/23/01 -Amended: 11/01/01, 09/25/03; 03/01/05; 05/21/09; 02/17/10; 01/19/12

Truckee Meadows Water Authority

RATE SCHEDULES

MMWS – MULTIPLE-UNIT RESIDENTIAL METERED WATER SERVICE

APPLICABILITY

Delivery of water under this Rate Schedule is available for all purposes to any multiple-unit residential Customer in multiple-unit complexes including apartment complexes, mobile home parks and two or more detached single family dwellings metered in accordance with Rule 6. This Rate Schedule is mandatory for delivery of water to residential Customers in newly constructed multi-tenant residential buildings occupied for the first time on or after July 1, 1988; and for multiple-unit residential Customers who have received a Meter pursuant to Rules 2 and 6.

AVAILABILITY

The Authority's retail service territory.

RATES

Customer Charge per Billing Period

<u>Meter Size</u>	<u>Per Meter</u>
Up to 3/4"	\$15.70 <u>17.12</u>
1"	\$17.20 <u>18.80</u>
1 1/2"	\$19.60 <u>21.40</u>
2"	\$22.80 <u>24.80</u>
3"	\$25.90 <u>28.20</u>
4"	\$29.80 <u>32.50</u>
6"	\$34.50 <u>37.70</u>
8"	\$40.00 <u>43.70</u>
10"	\$47.00 <u>51.40</u>

Commodity Charge per 1,000 Gallons for each Tier, All Meter Sizes

Tier 1 All usage up to 4,000 Gallons per Unit Multiplied by number of units per Billing Period	\$1.72
Tier 2 Usage greater than Tier 1 per Billing Period	\$2.78

Late Charge

5% of any amount in arrears from previous billings.

Other Charges

As specified in Rate Schedule OC and applied to total bill.

Added: 03/23/01 Amended: 09/25/03; 03/01/05; 05/21/09; 02/17/10; 01/19/12

Truckee Meadows Water Authority

RATE SCHEDULES

GMWS - GENERAL METERED WATER SERVICE

APPLICABILITY

Delivery of water under this Rate Schedule is available for Commercial Service to Service Property(ies) with a Meter used for billing purposes and where no other Rate Schedule is specifically applicable.

AVAILABILITY

The Authority's retail service territory.

RATES

Customer Charge per Billing Period

<u>Meter Size</u>	<u>Per Meter</u>
3/4"	\$15.70 <u>17.12</u>
1"	\$17.20 <u>18.80</u>
1 1/2"	\$19.60 <u>21.40</u>
2"	\$22.80 <u>24.80</u>
3"	\$25.90 <u>28.20</u>
4"	\$29.80 <u>32.50</u>
6"	\$34.50 <u>37.70</u>
8"	\$40.00 <u>43.70</u>
10"	\$47.00 <u>51.40</u>

Commodity Charge per 1,000 Gallons for each Tier, All Meter Sizes

Tier 1	\$1.72
Tier 2	\$2.78
Tier 3	\$3.25

Tier usage levels are set for each Meter size according to this table:

Meter Size	Tier 1 Gallons	Tier 2 Gallons	Tier 3 Gallons
3/4"	0 to 7,000	7,001 to 30,000	Greater than 30,000
1"	0 to 14,000	14,001 to 65,000	Greater than 65,000
1 1/2"	0 to 28,000	28,001 to 120,000	Greater than 120,000
2"	0 to 55,000	55,001 to 210,000	Greater than 210,000
3"	0 to 200,000	200,001 to 640,000	Greater than 640,000
4"	0 to 380,000	380,001 to 1,300,000	Greater than 1,300,000
6"	0 to 1,360,000	1,360,001 to 2,800,000	Greater than 2,800,000
8"	0 to 1,475,000	1,475,001 to 7,400,000	Greater than 7,400,000
10"	0 to 11,000,000	11,000,001 to 20,000,000	Greater than 20,000,000

| Added: 03/23/01 Amended: 09/25/03; 03/01/05; 05/21/09; 02/17/10; 01/19/12

Truckee Meadows Water Authority

RATE SCHEDULES

MIS – METERED IRRIGATION SERVICE

APPLICABILITY

Delivery of water under this Rate Schedule is mandatory for separately metered Irrigation Service.

AVAILABILITY

The Authority's retail service territory.

RATES

Customer Charge per Billing Period

Meter Size

Per Meter

3/4"	\$15.70 <u>17.12</u>
1"	\$17.20 <u>18.80</u>
1 1/2"	\$19.60 <u>21.40</u>
2"	\$22.80 <u>24.80</u>
3"	\$25.90 <u>28.20</u>
4"	\$29.80 <u>32.50</u>
6"	\$34.50 <u>37.70</u>
8"	\$40.00 <u>43.70</u>
10"	\$47.00 <u>51.40</u>

Commodity Charge per 1,000 Gallons, All Meter Sizes

Off-Peak Months <u>Period</u>	\$2.78
On-Peak Months <u>Period</u>	\$3.25 <u>3.37</u>

Late Charge

5% of any amount in arrears from previous billings.

Other Charges

As specified in Rate Schedule OC and applied to total bill.

Added: 03/23/01 Amended: 09/25/03; 03/01/05; 05/21/09; 02/17/10; 01/19/12

Truckee Meadows Water Authority

RATE SCHEDULES

MIS – METERED IRRIGATION SERVICE

MINIMUM CHARGE

The Minimum Charge hereunder shall consist of the sum of the Customer Charge, commodity charge, late charge, right-of-way toll, and regional water management fee per Billing Period.

SPECIAL CONDITIONS

1. If a Customer disconnects and reconnects within one (1) calendar year, the Customer shall pay the Customer Charge for each month the delivery of water was disconnected.

~~2. The Off-Peak Months consist of eight (8) regularly scheduled Billing Periods for delivery of water during the months beginning October through May. The On-Peak Months consist of four (4) regularly scheduled Billing Periods for delivery of water during the months beginning June through September.~~

- ~~3.~~ 2. This Rate Schedule is closed to new applications for the delivery of water through a 3" Service Connection.

| Added: 03/01/05 Amended: 05/21/09; 01/19/12

Truckee Meadows Water Authority

RATE SCHEDULES

RFWS – RESIDENTIAL FLAT RATE WATER SERVICE

APPLICABILITY

Delivery of water under this Rate Schedule is available for residential purposes for use in single family dwellings, condominiums, and apartment complexes where each unit is served through a separate Service Connection. Customers receiving delivery of water under either of the residential metered water or multiple-unit flat rate service Rate Schedules are excluded from this schedule.

AVAILABILITY

The Authority's retail service territory.

RATES

Customer Charge per Billing Period

\$ ~~94.1086.30~~ for a 3/4" Service Connection
 \$ ~~135.50424.30~~ for a 1" Service Connection
 \$ ~~245.60225.20~~ for a 1 1/2" Service Connection
 \$ ~~350.10321.00~~ for a 2" Service Connection
 \$ ~~439.40403.00~~ for a 3" Service Connection
 \$ ~~557.50510.90~~ for a 4" Service Connection

Late Charge

5% of any amount in arrears from previous billings.

Other Charges

As specified in Rate Schedule OC and applied to total bill.

MINIMUM CHARGE

The Minimum Charge for delivery of water for this service shall consist of the sum of the Customer Charge, late charge, right-of-way toll, and regional water management fee per Billing Period.

SPECIAL CONDITIONS

1. Customers previously billed at the 1 1/4" Customer Charge will be billed at the 1" Customer Charge.
2. This Rate Schedule is closed to new applications for the delivery of water.

| Added: 03/23/01 Amended: 10/01/03; 03/01/05; 05/21/09; 02/17/10; ~~01/19/12~~

Truckee Meadows Water Authority

RATE SCHEDULES

SUFR – SMALL UNIT FLAT RATE SERVICE

APPLICABILITY

Delivery of water under this Rate Schedule is available for single family residence(s) on a Service Property(ies) with lot size 3,000 square feet or less served individually through a separate 3/4" Service Connection. Customers receiving delivery of water under either of the residential metered water or multiple-unit flat rate service Rate Schedules are excluded from this Rate Schedule.

AVAILABILITY

The Authority's retail service territory.

RATES

Customer Charge per Billing Period

~~\$32.90~~ \$35.87 for a Service Connection.

Late Charge

5% of any amount in arrears from previous billings.

Other Charges

As specified in Rate Schedule OC and applied to total bill.

MINIMUM CHARGE

The Minimum Charge for this service shall consist of the sum of the Customer Charge, commodity charge, late charge, right-of-way toll, and regional water management fee per Billing Period.

SPECIAL CONDITIONS

1. This Rate Schedule is not available to Customers currently billed under the MRFS or MRIS Rate Schedules.
2. Single family residence Service Property(ies) with lot size(s) greater than 3,000 square feet individually served through a separate Service Connection shall be billed under RMWS or RFWS Rate Schedules.
3. Separate Irrigation Service shall be billed under the MIS Rate Schedule.
4. This Rate Schedule is closed to new applications for the delivery of water.

| Added: 03/23/01 Amended: 10/01/03; 03/01/05; 01/19/12

Truckee Meadows Water Authority

RATE SCHEDULES

FPS – FIRE PROTECTION SERVICE

APPLICABILITY

Delivery of water under this Rate Schedule is available for fire protection purposes to any Service Property through Customer-owned Fire Facilities as defined in the Rules. Fire Facilities owned by Local Governments within the Authority's retail service territory are excluded from this Rate Schedule.

AVAILABILITY

The Authority's retail service territory.

RATES

Customer Charge per Billing Period

The charge for delivery of water per Billing Period for this service shall consist of a monthly Customer Charge computed at \$ ~~4-605.02~~ per inch of the nominal diameter of the Service Pipe.

Late Charge

5% of any amount in arrears from previous billings.

Other Charges

As specified in Rate Schedule OC and applied to total bill.

MINIMUM CHARGE

The Minimum Charge will consist of the Customer Charge, late charge, right-of-way toll, and regional water management fee per Billing Period.

SPECIAL CONDITIONS

1. This Rate Schedule is closed to new applications for the delivery of water through a 3" Service Connection.

| Added: 03/23/01 Amended: 02/01/02; 10/01/03; 03/01/05; 05/21/09; 02/17/10; 01/19/12

Truckee Meadows Water Authority

RATE SCHEDULES

NPS – NON-POTABLE WATER SERVICE

APPLICABILITY

Delivery of water under this Rate Schedule is available, at the sole discretion of the Authority, to Customers for Non-Potable uses of water including but not limited to, dust control, earth compaction, irrigation or any other Non-Potable use from non-treated or treated water sources of supply managed by the Authority.

AVAILABILITY

Delivery of water is available from any mutually agreed Service Connection from existing Facilities of the Authority located within its retail and Wholesale Service territory boundaries.

RATES

Customer Charge per Billing Period

Per delivery point	\$ 29.41 <u>32.08</u>
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Commodity Charge per 1,000 Gallons

Untreated Water	\$0.92 <u>5</u>
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Treated Water	\$ 3.25 <u>3.37</u>
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Late Charge

5% of any amount in arrears from previous billings.

Other Charges

As specified in Rate Schedule OC and applied to total bill.

MINIMUM CHARGE

The Minimum Charge for this service shall consist of the sum of the Customer Charge, commodity charge, late charge, right-of-way toll, and regional water management fee per Billing Period.

| Added: 11/01/02 Amended: 10/01/03; 05/21/09; 02/17/10; 01/19/12

Truckee Meadows Water Authority

RATE SCHEDULES

IWS – INTERRUPTIBLE WATER SERVICE

APPLICABILITY

Delivery of water under this Rate Schedule is available, at the sole discretion of the Authority, to Customers for interruptible water deliveries.

AVAILABILITY

Interruptible Water Service is available hereunder from existing Facilities of Authority located within its retail territories.

RATES

<u>Customer Charge per Meter per Billing Period</u>	\$29.4132.08
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<u>Commodity Charge per 1,000 Gallons</u>	\$0.9295
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Late Charge

5% of any amount in arrears from previous billings.

Other Charges

As specified in Rate Schedule OC and applied to total bill.

MINIMUM CHARGE

The Minimum Charge will consist of the Customer Charge, commodity charge, late charge, rights-of-way toll, and regional water management fee per Billing Period.

CHARACTER OF SERVICE

Delivery of water provided under this Rate Schedule shall be provided at the sole discretion of the Authority and may be subject to frequent and immediate interruptions or curtailments for indefinite periods. Curtailment and/or interruption of delivery of water may take place due to various operating conditions associated with protecting the overall integrity of the water system (such as the need to maintain drought reserves, insufficient water availability, or lack of available capacity); or with repairing, constructing, or maintaining Facilities on the Authority's system; or with other conditions and circumstances both inside and outside of the Authority's direct ability to control (e.g., acts of God, system repair, system failure, labor disputes, etc.). Subject to this general understanding as to the interruptible nature of the delivery of water, the following assurances as to the character of the service are made:

1. The Authority shall provide the Customer with as much notice as is practical of any curtailment of interruption of delivery of water.

Added: 03/23/01 Amended: 10/01/03; 05/21/09; 02/17/10; ~~01/19/12~~

Truckee Meadows Water Authority

RATE SCHEDULES

LVS – LARGE VOLUME RESALE SERVICE

APPLICABILITY

Large Volume Resale Service is applicable to water companies for resale within Wholesale Service areas as established in Rule No. 10.

AVAILABILITY

Large Volume Resale Service is available from existing facilities of Authority located within its Wholesale Service territories.

RATES

Commodity Rates per 1,000 Gallons

Sun Valley General Improvement District

First 29,000,000 Gallons per Billing Period	\$1. 4146
Greater than 29,000,000 Gallons per Billing Period	\$2. 2937

Washoe County - Spanish Springs Valley

First 21,000,000 Gallons per Billing Period	\$1. 3641
Greater than 21,000,000 Gallons per Billing Period	\$2. 1725

Additional Charges

Customer Charge per Meter per Billing Period	\$126.50
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Late Charge:

5% of any amount in arrears from previous billings.

Added: 03/23/01 Amended: 10/01/03; 03/01/05; 09/20/06; 05/21/09; 02/17/10; 01/19/12

Truckee Meadows Water Authority

RATE SCHEDULES

LVS – LARGE VOLUME RESALE SERVICE

Other Charges:

As specified in Rate Schedule OC excluding Regional Water Management Fee and applied to total bill.

MINIMUM CHARGE

The Minimum Charge for delivery of water for this service shall consist of the Customer Charge, commodity charge, late charge, and right-of-way toll per Billing Period.

SPECIAL CONDITIONS

1. A written contract for delivery of water between the Authority and Customer will be required. The contract shall require the Customer to distribute water within a mutually agreeable specified geographic area, or use water for a mutually agreeable specified purpose.
2. The Customer shall pay all interconnection costs necessary to provide delivery of water per this Rate Schedule, consistent with the Authority's Rules. Any exceptions to this provision will be clearly delineated in the contract.
3. This Rate Schedule is closed to new applications for the delivery of water through a 3" Service Connection.
4. The Authority, in agreement with Customers billed under this Schedule, may annually adjust the tier usage level in this schedule which adjustment would be effective the first billing cycle in June. The adjustment made to each Customer's tier would be based on the average usage ~~of in-gallons-per-month-using-monthly-billing data for~~ the preceding Winter Usage months of December, January, February, and March.

| Added: 03/23/01 Amended: 10/01/03; 03/01/05; 09/20/06; 05/21/09; 01/21/10; 01/19/12

Truckee Meadows Water Authority

RATE SCHEDULES

FSPR – FIRM STANDBY AND PARTIAL REQUIREMENTS

APPLICABILITY

Firm Standby/Partial Requirements Service is available, at the sole discretion of the Authority, to water companies for resale within Wholesale Service areas as established in Rule No. 10, and where another Rate Schedule is not specifically applicable. This Rate Schedule is limited to Customers where: (1) none of their water requirements are supplied by the Authority and the Authority must standby for this service or, (2) only a portion of their normal daily water requirements are supplied by the Authority and the Authority supplies partial water requirements.

AVAILABILITY

Firm Standby/Partial Requirements Service is available from existing Facilities of the Authority located within its water service territories.

RATES

<u>Customer Charge per Meter per Billing Period</u>	\$126.50
<u>Commodity Charge per 1,000 Gallons, All Meter Sizes</u>	
Per Billing Period	\$0. 9295
<u>Demand Charge</u>	
<u>Per Billing Period in the Summer-On-Peak Period:</u>	
Per 1,000 Gallons of Contract Demand	\$ 13.80 <u>14.15</u>
plus	
Per 1,000 Gallons of Actual Demand above the Contract Demand up to the Allowable Variance	\$ 82.80 <u>84.90</u>
plus	
Per 1,000 Gallons for which the Actual Demand exceeds the Contract Demand including the Allowable Variance	\$ 165.60 <u>169.80</u>
<u>Per Billing Period in the Winter-Off-Peak Period:</u>	
Per 1,000 Gallons of Contract Demand	\$ 13.80 <u>14.15</u>
<u>Late Charge</u>	
5% of any amount in arrears from previous billings.	

Added: 03/23/01 Amended: 10/01/03; 03/01/05; 05/21/09; 02/17/10; 01/19/12

Truckee Meadows Water Authority

RATE SCHEDULES

FSPR – FIRM STANDBY AND PARTIAL REQUIREMENTS

Other Charges

As specified in Rate Schedule OC excluding Regional Water Management Fee and applied to total bill.

MINIMUM CHARGE

The Minimum Charge for delivery of water for this service shall be the sum of the Customer Charge, commodity charge, demand charge, late charge, and right-of-way toll per Billing Period.

SPECIAL DEFINITIONS

1. Contract Demand: Contract Demand is defined as the Customer's maximum firm daily capacity (in thousands of gallons) for which Authority will standby for or provide as partial requirements during the ~~Summer-On-Peak~~ Period. The Contract Demand designation shall also set the Customer's maximum daily usage to be served by Authority during the ~~Winter-Off-Peak~~ Period. Usage may be subject to curtailment/interruption by Authority per Special Condition No. 1 of this Rate Schedule. The Contract Demand shall be designated in the contract for service and is subject to adjustment by Authority pursuant to the terms of Special Condition No. 5 of this Rate Schedule.
2. Actual Demand: The Actual Demand is defined as the maximum metered daily usage occurring in the Billing Period.
3. Allowable Variance: The allowable variance amount is 5% above the Contract Demand during the ~~Summer-On-Peak~~ Period, unless another variance amount is specified in the contract for service.
4. ~~The Winter-Period will consist of eight (8) regularly scheduled Billing-Periods for delivery of water during the months of October through May. The Summer-Period will consist of four (4) regularly scheduled Billing-Periods for delivery of water during the months of June through September.~~

SPECIAL CONDITIONS

1. A contract for service between the Authority and the Customer will be required for delivery of water under this Rate Schedule. The service contract shall require the Customer to distribute water within a mutually agreeable specified geographic area and/or use water for a mutually agreeable specified purpose. The service contract shall include but is not limited to the level of firm service required by the Customer over the term of the agreement (i.e., the Contract Demand), conditions for the termination and extension of delivery of water, requirements as to water resources sufficient to supply water, the specific delivery requirements of the Customer, conditions of delivery, provisions outlining possible service interruptions or

Added: 03/23/01 Amended: 10/01/03; 01/19/12

Truckee Meadows Water Authority

RATE SCHEDULES

FSPR – FIRM STANDBY AND PARTIAL REQUIREMENTS

curtailments, and, where appropriate, assurances of financial security sufficient to ensure payment of all charges for delivery of water.

2. Delivery of water hereunder is intended for, and limited to, wholesale water Customers with firm standby or partial water requirements who own and operate their distribution system; and who provide their own daily storage, fire protection, maintenance, billing, etc. which is necessary to provide their retail service.
3. Customer shall take delivery of water at a point within or adjacent to the Authority's existing distribution Facilities of adequate capacity to provide required delivery of water, or shall pay Authority's entire cost for providing such facilities.
4. The Customer shall provide and install the necessary Meter Facilities, inclusive of the Meter and telemetry equipment necessary for daily meter readings as well as any other equipment required for delivery of water hereunder including flow control devices, piping, and other related equipment. All required equipment and facilities shall be installed in accordance with Authority specifications and in a location that is mutually acceptable. Meter and Meter Facilities shall remain under the sole ownership and operation control of the Authority, unless otherwise specified by the Authority.
5. Contract Demand Adjustment: The established Contract Demand may be adjusted by the Authority to a higher, permanent level if:
 - (i) the Customer's Actual Demand exceeds the existing Contract Demand by ten (10) percent or more two (2) times in the Summer-On-Peak Period over any consecutive 24 month period, or
 - (ii) if the Customer's Actual Demand exceeds the existing Contract Demand by twenty (20) percent or more in any month of the Summer-On-Peak Period.

If either of these two conditions is met, the Customer's Contract Demand may be reset to the highest Actual Demand imposed by the Customer during the Summer On-Peak Period in the last 24 months.
6. Special Condition No. 5 above shall not apply during periods of legitimate emergency, beyond the control and foresight of the Customer, which require the Authority to deliver water in excess of the Contract Demand. The Customer must notify the Authority of any emergency situation requiring the Authority to deliver water in excess of the Contract Demand. If an emergency arises, the Customer shall notify the Authority with reasonable speed, verbally or by phone, specifying the nature of the emergency, the estimated quantity of water to be delivered, the time at which the emergency began, and the time at which the emergency ended.

Added: 03/23/01 Amended: 10/01/03, 01/19/12

Truckee Meadows Water Authority

RATE SCHEDULES

FSPR – FIRM STANDBY AND PARTIAL REQUIREMENTS

7. The Authority is not obligated to provide service to a Customer at levels of capacity that exceed the Contract Demand in the ~~Winter-Off-Peak~~ or ~~Summer-On-Peak~~ Period. Service in excess of the Contract Demand may be subject to curtailment or total interruption by Authority at its sole discretion. If usage above the established Contract Demand occurs in the ~~Summer-On-Peak~~ Period the Authority may adjust the Customer's Contract Demand upward pursuant to Special Condition No. 5 above. In accordance with Special Condition No. 6 above, the Authority shall try to accommodate a Customer's requirements for water deliveries in excess of the Contract Demand when an emergency situation exists.
8. The Authority is not obligated to deliver water at total annual volumes or quantities of water in excess of the level specified in the contract for service. Delivery of water in excess of the annual quantities designated may be subject to curtailment or total interruption by the Authority at its sole discretion.

| Added: 03/23/01 Amended: 10/01/03; ~~01/19/12~~

Truckee Meadows Water Authority

RATE SCHEDULES

DIS – DITCH IRRIGATION SERVICE

APPLICABILITY

Applicable to Irrigation Service only by any Customer described below in the amount of their respective water right(s). Service is to be taken at one point, or alternately at two points, directly from a ditch operated by the Authority and shall not include any service from the Authority's reservoirs, purification basins, or distribution system.

AVAILABILITY

Available upon application for a five-month season to those parties, persons, and corporations and their grantors and predecessors in interest who have acquired water rights in the Truckee River and who have permission from the Authority to divert water through a ditch operated by the Authority for use on their respective lands for irrigation in amounts determined by certain decrees and court orders. Should the ditch operated by the Authority be operating after said five-month season, such Customer may apply for additional delivery of water providing such Customer has not already consumed his decreed allocation. In no case will the Authority be obligated to provide irrigation water under this Rate Schedule in an amount that exceeds the decreed allocation for the Customer's lands.

Delivery of water shall only be available during those times that the ditch operated by the Authority is in operation and transporting water. Due to unanticipated emergencies and other unforeseen conditions, it may be necessary to remove the ditch from service during the irrigation season. During drought periods, the Federal Watermaster may require reductions in the amount of water that can be delivered to the Customer's land or even require complete termination of irrigation deliveries. The Authority shall be bound by the Watermaster's directives and shall reduce or curtail delivery of water.

RATES

Customer Charge

The charge for delivery of water shall be payable in advance and shall be at the rate of \$ ~~16.04~~17.49 for each acre foot for which application is made for the five month irrigation season. This charge may be prorated based on the number of days in the 160 day period for which water is requested to be delivered.

Late Charge

5% of any amount in arrears from previous billings.

Added: 03/23/01 Amended: 12/12/01; 10/01/03; 05/21/09; 02/17/10; 01/19/12

Truckee Meadows Water Authority

RATE SCHEDULES

BSF - BUSINESS SERVICES FEES

	<u>Engineering and Resources</u>	<u>Design or Drafting of "W-1" Plan</u>	<u>Inspection or Distribution Crew</u>
A. Design report or letter for NAC compliance			
1. Final map per phase	\$1,500.00	na	na
2. Tentative Map			
a. Discovery Fee	See Item E	na	na
b. Water Service Acknowledgement Letter	\$100.00	na	na
3. Other new or Modified water system Facilities:			
a. Commercial	\$1,100.00	na	na
b. Multi-tenant	\$1,100.00	na	na
c. Feeder or project main	\$1,100.00	na	na
B. Engineering and planning review, approval, and inspection of water system Facilities			
1. <u>New Service or, Modified or expanded water-s</u> Service for:			
a. Residential: single service tap with service pipe and meter facility (non-subdivision)	\$150.00	\$500.00	\$150.00
b. Residential subdivisions, multi-tenant, and commercial/industrial with main	\$720.00	na	\$150.00
i. Add for each point of inspection	\$15.00	na	\$150.00
c. Commercial, industrial, <u>tenant improvements</u> , irrigation, fire protection or non-potable (includes up to three service taps with service pipes and/or meter facilities)	\$300.00	\$750.00	\$150.00
i. Add for each additional service tap	\$150.00	\$250.00	\$150.00
2. Fire hydrant	\$150.00	\$500.00	\$150.00
3. Feeder or project main only	\$720.00	na	\$150.00
a. Add per lineal foot	na	na	\$1.00
b. Add for each point of inspection along main	\$15.00	na	\$150.00
4. Retirements and domestic well disconnections	na	na	\$150.00
C. Installation of a Service Tap by Authority personnel on a pressurized pipe, commonly referred to as a "hot tap"			
1. Tapping a 3up to 6 2 to 6 inch <u>pipe-hot tap</u> ("Light" or 2-man crew)	na	na	\$400.00
2. Tapping a greater than 2 8 to 12 inch <u>pipe-hot tap</u> ("Heavy" or 4-man crew)	na	na	\$500.00
3. Tapping for all other sizes greater than 12 inches are subject to Authority rules, construction standards, and costs are the responsibility of Applicant	na	na	\$500.00
Added: 06/18/03 Amended: 10/01/03; 07/19/06; <u>01/19/12</u>			

Truckee Meadows Water Authority

RATE SCHEDULES

BSF - BUSINESS SERVICES FEES

D.	Pressure regulating station design review and inspection (includes set-up of station)	\$430.00	na	\$2380.00
E.	Due diligence fees for water projects:			
1.	Annexation	\$1,500.00	na	na
2.	Discovery – Level 1	\$720.00	na	na
3.	Discovery – Level 2	\$1440.00	na	na
4.	Hardship Letters:			
a.	For parcel or lot less than 500 ft from the Authority's water system facilities	\$150.00	na	na
b.	For parcel or lot greater than 500 ft from the Authority's water system facilities	\$50.00	na	na
F.	<u>Due diligence for property and water resources</u>			
1.	<u>Due diligence fees to research and verify title of non-permitted water rights, per parcel</u>	<u>\$250.00</u>	na	na
2.	<u>Due diligence fees to research and verify title of permitted water rights, per parcel</u>	<u>\$100.00</u>	na	na
3.	<u>Due diligence fees for tenant improvement or water resource credit(s) per parcel</u>	<u>\$150.00</u>	na	na
4.	<u>Due diligence fees for easement, right-of-way or fee property dedications per parcel</u>	<u>\$150.00</u>	na	na
5.	<u>Preparation of documents including but not limited to Will-Serve Commitment Letter, No Water Rights Required Letter, deeds, banking agreements, state required applications, or Report of Conveyance, per document (fee does not include State, county or other regulatory agency fees)</u>	<u>\$100.00</u>	na	na

Added: 06/18/03 Amended: 10/01/03; 07/19/06; 01/19/12