

Missouri-American Water Company
ISRS Revenue Requirements Calculation
 St. Louis County Operations

<u>ISRS Activity:</u>	Total for ISRS-15 Filing
<u>Water Utility Plant Projects--Replacement Mains, and Associated Valves and Hydrants (RM) RSMo 393.1000 (8a):</u>	
<u>Task Orders Placed in Service (TOPS):</u>	
STLC-Replacement Mains and Associated Valves and Hydrants	\$ 16,595,039
Net Contributions in Aid of Construction	0
Deferred Taxes	(22,414)
Accumulated Depreciation	<u>(96,265)</u>
Total Net 393.1000 (8a)	16,476,359
<u>Water Utility Plant Projects--Main Cleanings and Relinings (RM) RSMo 393.1000 (8b):</u>	
<u>Task Orders Placed in Service (TOPS):</u>	
STLC-Main Cleanings and Relinings	0
Net Contributions in Aid of Construction	0
Deferred Taxes	0
Accumulated Depreciation	<u>0</u>
Total Net 393.1000 (8b)	0
<u>Water Utility Plant Projects--Facilities Relocations (FR) RSMo 393.1000 (8c):</u>	
<u>Task Orders Placed in Service (TOPS):</u>	
STLC-Relocated Facilities	590,480
Net Contributions in Aid of Construction	0
Deferred Taxes	(725)
Accumulated Depreciation	<u>(3,487)</u>
Total Net 393.1000 (8c)	586,268
<u>Accumulated Depreciation and Deferred Taxes on Investment in Current ISRS</u>	
Depreciation for ISRS-10 Case No. WO-2012-0401	(241,738)
Deferred Taxes ISRS-10 Case No. WO-2012-0401	(40,677)
Depreciation for ISRS-11 Case No. WO-2013-0406	(341,602)
Deferred Taxes ISRS-11 Case No. WO-2013-0406	(121,659)
Depreciation for ISRS-12 Case No. WO-2014-0055	(157,255)
Deferred Taxes ISRS-12 Case No. WO-2014-0055	(121,451)
Depreciation for ISRS-13 Case No. WO-2014-0237	(216,471)
Deferred Taxes ISRS-13 Case No. WO-2014-0237	(154,584)
Depreciation for ISRS-14 Case No. WO-2015-0059	(406,051)
Deferred Taxes ISRS-14 Case No. WO-2015-0059	<u>(289,925)</u>
Total	(2,091,412)
Total ISRS Rate Base	14,971,216
Overall Rate Of Return per Last Order	8.17%
UOI Required	1,223,148
Income Tax Conversion Factor	1.623077
Revenue Req. Before Interest Deductibility	1,985,263
Total ISRS Rate Base	14,971,216
Embedded Cost of Debt per Last Order	3.090%
Interest Expense Deduction	462,611
Combined Federal and State Income Tax Rate	38.388630%
Income Tax Reduction due to Interest	177,590
Tax Conversion Factor	1.623077
Revenue Req Impact - Interest Deductibility	288,242
Total Revenue Requirement on Capital	1,697,021
Depreciation Expense	207,348
Property Taxes ISRS 14	331,557
Property Taxes ISRS 15	31,935
Add under collection from previous ISRS	0
Total Revenue Requirement	\$ 2,267,861
Adjustments:	
Revenue Cap Adjustment	(347,869)
Adjusted Total Revenue Requirement	\$ 1,919,991
Allocation of Revenue by Class	
Mains less than or equal to 12"	Rate A & Oth \$ 1,865,867
Mains greater than 12"	Rate A & Oth 48,750
	Total Rate A & Oth 1,914,617
	Rate J 3,096
	Rate B 2,279
Grand Total Revenues Collected in Proposed ISRS	\$ 1,919,991