

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

ISRS Activity:

Water Utility Plant Projects--Replacement Mains, and Associated Valves and Hydrants (RM) RSMo 393.1000 (8a):

**ISRS
REVENUE
REQUIREMENT**

Task Orders Placed in Service (TOPS):

STLC-Replacement Mains and Associated Valves and Hydrants	\$ 29,935,707
Net Contributions in Aid of Construction	0
Deferred Taxes	(8,252,941)
Accumulated Depreciation	(287,526)

Total Net 393.1000 (8a)

\$ 21,395,240

Water Utility Plant Projects--Main Cleanings and Relinings (RM) RSMo 393.1000 (8b):

Task Orders Placed in Service (TOPS):

STLC-Main Cleanings and Relinings	0
Net Contributions in Aid of Construction	0
Deferred Taxes	0
Accumulated Depreciation	0

Total Net 393.1000 (8a)

0

Water Utility Plant Projects--Facilities Relocations (FR) RSMo 393.1000 (8c):

Task Orders Placed in Service (TOPS):

STLC-Relocated Facilities	\$ 5,353,569
Net Contributions in Aid of Construction	(2,736,731)
Deferred Taxes	(1,283,338)
Accumulated Depreciation	(47,720)

Total Net 393.1000 (8c)

\$ 1,285,780

Accumulated Depreciation and Deferred Taxes on Investment in Current ISRS

No ISRS currently in place

Total

0

Total ISRS Rate Base

\$ 22,681,020

Overall Rate Of Return per Last Order

8.17%

UOI Required

1,853,039

Income Tax Conversion Factor

1.623077

Revenue Req. Before Interest Deductibility

\$ 3,007,625

Total ISRS Rate Base

\$ 22,681,020

Embedded Cost of Debt per Last Order

3.210%

Interest Expense Deduction

728,061

Combined Federal and State Income Tax Rate

38.388630%

Income Tax Reduction due to Interest

279,493

Tax Conversion Factor

1.623077

Revenue Req Impact - Interest Deductibility

\$ 453,638

Total Revenue Requirement on Capital

\$ 2,553,987

Depreciation Expense

437,426

Property Taxes

278,289

Add Under Collection from Previous ISRS

354,419

Total ISRS Revenues

\$ 3,624,121

Allocation of Revenue by Class

Mains less than or equal to 12"

Rate A & Oth \$ 3,060,027

Mains greater than 12"

Rate A & Oth \$ 527,033

Total Rate A & Oth \$ 3,587,060

Rate J \$ 22,846

Rate B \$ 14,215

Grand Total Revenues Collected in Proposed ISRS

\$ 3,624,121