

Service Order Number	Sum of Val/COArea CrCY
90386380	1,144.19
Labor	630.96
Labor Overhead	273.52
Materials & Supplies	239.71
90395253	1,178.75
Labor	657.25
Labor Overhead	277.24
Materials & Supplies	244.26
90396710	1,123.62
Labor	635.80
Labor Overhead	272.74
Materials & Supplies	215.08
90402274	1,160.57
Labor	640.64
Labor Overhead	291.48
Materials & Supplies	228.45
90405704	1,034.65
Labor	630.96
Labor Overhead	270.27
Materials & Supplies	133.42
90409034	849.13
Labor	449.35
Labor Overhead	213.54
Materials & Supplies	186.24
90410339	1,201.16
Labor	578.38
Labor Overhead	256.98
Materials & Supplies	365.80
90412141	1,016.30
Labor	630.96
Labor Overhead	261.16
Materials & Supplies	124.18
90417025	869.84
Labor	473.22
Labor Overhead	178.14
Materials & Supplies	218.48
90422117	796.60
Labor	374.64
Labor Overhead	181.89
Materials & Supplies	240.07
90425050	1,153.45
Labor	630.96
Labor Overhead	265.33
Materials & Supplies	257.16
90425051	1,056.38
Labor	630.96
Labor Overhead	262.65
Materials & Supplies	162.77
90428617	986.45
Labor	420.64
Labor Overhead	163.52
Materials & Supplies	402.29
Grand Total	13,571.09

MAWC southwest MO locations

Indirect costs at 9.30% 1,262.11
 total= 14,833.20

ST. JOSEPH
NORTHWEST OPERATIONS

Statement 1030

PO# 5000074747



May 2017
Missouri American Water Company
P.O. Box 5605
Cherry Hill, NJ 08034

Vendor # 120765

tammy.gleaves@amwater.com

Address and Description of Work	Amount
2627 Delaware - 3/4" Short Side Complete Replacement Service	\$ 4,440.00
2834 Doniphan - 3/4" Lon Side Complete Replacement Service	\$ 4,307.05
1218 North 26th Street - 3/4" Long Side Complete Replacement Service	\$ 5,102.69
914 Main - 3/4" Long Side Complete Replacement Service	\$ 3,618.00
721 North 4th Street - 3/4" Long Side Replacement Service	\$ 2,650.00
722 Mount Mora - 3/4" Long Side Complete Replacement Service	\$ 6,860.00
427 North 21st Street - 3/4" Long Side Complete Replacement Service	\$ 5,158.25
Paving: \$1500.00	
Material: \$3963.23	
Labor: \$26672.76	
www.miconunderground.com	Subtotal 32135.99
Thank you for your business!	Tax 0.00
	Total Due \$ 32,135.99

1703

Complete Lead Replacement Services			
Address	Total Cost	Contract Side	Customer Side
2627 Delaware Street	\$ 4,440.00	\$ 1,900.00	\$ 2,540.00
2834 Doniphan Street	\$ 4,307.05	\$ 2,450.00	\$ 1,857.05
1218 North 26th Street	\$ 5,102.69	\$ 2,450.00	\$ 2,652.69
914 Main Street	\$ 3,618.00	\$ 2,450.00	\$ 1,168.00
722 Mount Mora	\$ 6,860.00	\$ 2,450.00	\$ 4,410.00
427 North 21st Street	\$ 5,158.25	\$ 2,450.00	\$ 2,708.25
2722 South 19th Street	\$ 4,259.99	\$ 2,100.00	\$ 2,159.99
2226 Seneca Street	\$ 4,956.18	\$ 2,100.00	\$ 2,856.18



JEFFERSON
CITY
CENTRAL OPERATIONS

AMERICAN WATER
PURCHASE ORDER

BILL TO:
Missouri American Water
P.O. Box 5605
Cherry Hill, NJ 08034
866.777.8426 (opt 3,2,1)

P.O. Number: 5000077193
Date: 05/31/2017

VENDOR #: 101065
STOCKMAN CONSTRUCTION CORP
2021 Idlewood Rd
Jefferson City, MO 65109-2163

REQUESTOR: Jacobi Robin
573-473-7840
Robin.Jacobi@amwater.com

SHIP-TO: Jefferson City Dist
221 Brooks St
Jefferson City, MO 65109-1310

TERMS: Terms of payment: Net 45 Days

Item	Part No.	Description	Vendor Mat. No.	Quantity	Unit	Unit Price	Item Total
00010		526 E Capitol Ave		1	1 AU	\$ 2,545.10	\$ 2,545.10

DELIVERY QUANTITY: 1 Activ.unit

REQUESTED DELIVERY DATE: 05/31/2017
Total net value excluding tax USD \$ 2,545.10

SPECIAL INSTRUCTIONS:

1. CONTACT THE AMERICAN WATER REQUESTOR IF DELIVERY WILL NOT BE COMPLETED BY THE REQUESTED DELIVERY DATE
2. AN ORDER ACKNOWLEDGEMENT IS TO BE SENT TO THE REQUESTOR LISTED ABOVE
3. INVOICE(S) MUST SHOW [P.O. NUMBER] AND BE SUBMITTED IN ACCORDANCE WITH THE VENDORS AGREEMENT
4. SHOW P.O. NUMBER AND APPLICABLE ITEM NUMBER(S) ON PACKAGES, INVOICES, PACKING LISTS, BILLS OF LADING AND ORDER ACKNOWLEDGEMENTS

THIS PURCHASE IS AUTHORIZED SUBJECT TO THE TERMS AND CONDITIONS OF OUR AGREEMENT, (AGREEMENT NUMBER) AND ANY APPLICABLE STATEMENT(S) OF WORK.

M&M Trenching & Excavating
 P.O. Box 156
 MO 65265

MEXICO
 CENTRAL OPERATIONS

Invoice

Date: 3/20/2017
 Invoice #: 9608

PO # 5000067584

Bill To
 Missouri American Water
 506 S. Western
 Mexico, MO 65265

Job Address
 422 W Vine
 Mexico, MO

72
 931024

Jodi.Johnson@amwater.com

Date Completed: 3/16/2017
 Leak Report No.: 8684 18632

Description	Qty	Rate	Standard Pricing	Amount
Replace lead service line				
Replace Long 3/4" service line	1		1084.00	0.00
Replace Single 3/4" meter setting	1		562.00	0.00
Hrs. Backhoe	6	68.50		411.00
Hrs. Service Truck	6	25.00		150.00
Generator w/ Tools and/or Lights	6	35.00		210.00
Hrs. Labor	12	35.00		420.00
Supervisor	6	40.00		240.00
Horizontal Boring	50	5.00		250.00
Ft. of 3/4" copper pipe	4	7.90		1,681.00
Ft. of tracer wire	50	0.25		31.60T
3/4 Corp nut w/ gasket	1	10.55		12.50T
3/4" Stiffner	3	2.50		10.55T
Return to level, seed, & straw	1	85.00		7.50T
Labor Rate		0.00	1766.00 *20	62.15
Parts Rate		0.00	62.15 *10	85.00
Sales Tax		8.60%		0.00
				5.34

WBS: R17-10HL17-P-0001
 G/L 53150000

DOE # 5000065117/
 1000454241

PK 3.22.17

Total \$1,833.49

MSXLCO

M&M Trenching & Excavating

P.O. Box 156
 MO 65265

Invoice

Date: 3/20/2017
 Invoice #: 9605

PO # 5000067584

Bill To

Missouri American Water
 506 S. Western
 Mexico, MO 65265

Job Address

1002 Emmons
 Mexico, MO

42

946761

Jodi.Johnson@amwater.com

Date Completed

3/16/2017

Leak Report No.

8659/8632

Description	Qty	Rate	Standard Pricing	Amount
Replace lead service				
Replace Short 3/4" Service	1		477.00	0.00
Replace Single 3/4" meter setting	1		562.00	0.00
Hrs. Service Truck	4	25.00		100.00
Hrs. Backhoe	4	68.50		274.00
Generator w/ Tools and/or Lights	4	35.00		140.00
Hrs. Labor	8	35.00		280.00
Supervisor	4	40.00		160.00
Ft. of 3/4" copper pipe	1	7.90	Doc # 5000679247/ 1000463362	7.90T
Return to level, seed, & straw	1	85.00		85.00
Labor Rate		0.00	1039.00 -20	0.00
Parts Rate		0.00	7.90 70	0.00
Sales Tax		8.60%		0.68

Doc # 5000679247/
1000463360

WBS: P17-10M1.17-P-0001
 G/L: 53150000

PK 4-26-17

Total \$1,047.58



ST. LOUIS
 OPERATIONS

invoice

INVOICE NO. 3172181

306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

BILL TO: Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB: MAWC - Walinca Terrace
 PO#: 5000073404
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173023	net due upon receipt	5/25/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

444 Carswold

To furnish labor and material to replace lead water service to house.

1	1" Flared Angle Stop	53.56	53.56
2	1" Copper M - FIP Adapter	13.95	27.90
1	1" Copper Reducing Tee	20.47	20.47
1	1/2" Boiler Drain / Hose Bibb	11.11	11.11
1	1" Watts Pressure Reducing Valve / AUB - LF	181.95	181.95
2	1" Copper Fittings (90-45-Couplings)	4.93	9.86
3	1" Copper Fittings (St. 90 - St. 45)	17.08	51.24
2	Universal Slider Brackets	7.40	14.80
1	1" Copper Reducer / Bushing	6.67	6.67
15	1-1/2" Copper Fittings (St. 90 - St. 45)	26.33	394.95
1	1/2" Brass Cap	3.14	3.14
1	Brass Nipple 1/2x4"	16.58	16.58
1	Usage Of String Solder & Paste	5.51	5.51
2	B-Tank (Usage)	5.51	11.02
1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46

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SALE AMOUNT	
TOTAL	

SEE REVERSE SIDE FOR LIEN CLAUSE



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172181

BILL TO:
 Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:
 MAWC - Walinca Terrace
 PO#: 5000073404
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173023	net due upon receipt	5/25/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

1	St. Louis County Stop-Box	32.87	32.87
1	1" Flared Angle Stop	53.56	53.56
220	1" Type K Soft Copper	4.35	957.00
1	Usage of Quick Plug	16.90	16.90
Total Material and Other			2,220.19
1	Permit	60.00	60.00*
1	Trench Safety and Protection	75.00	75.00*
1	Compactor Usage	45.00	45.00*
1	Concrete Saw Per Day	350.00	350.00*
1	Skidsteer Per Day	350.00	350.00*
1	Mini-Excavator Per Day	350.00	350.00*
200	Bore @ \$25.00 Per Foot	25.00	5,000.00*
12	Plumber At \$118.00 Per Hour	118.00	1,416.00*
3.5	Plumber OT At \$140.00 Per Hour	140.00	490.00*
6	Laborer with Service Truck @ \$89.00 Per Hour	89.00	534.00*
0.5	Laborer with Service Truck OT @ \$108.00 Per Hour	108.00	54.00*
8	Operator At \$83.00 Per Hour	83.00	664.00*
0.5	Operator OT At \$120.00 Per Hour	120.00	60.00*
Total Labor			9,448.00

* means item is non-taxable

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SALE AMOUNT	11,668.19
8.11% Tax	180.06
TOTAL	\$11,848.25

SEE REVERSE SIDE FOR LIEN CLAUSE

MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172180

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB#:

MAWC - Walinca Terrace
 PO#: 5000073404
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173023	net due upon receipt	5/25/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

452 Carswold

To furnish labor and material to replace lead water service to house.

2	1" Flared Angle Stop	53.56	107.12
2	1" Copper M - FIP Adapter	13.95	27.90
2	1" Copper Reducing Tee	20.47	40.94
1	1" Watts Pressure Reducing Valve / AUB - LF	181.95	181.95
3	1" Copper Fittings (90-45-Couplings)	4.93	14.79
1	1" Copper Fittings (St. 90 - St. 45)	17.08	17.08
1	1/2" Boiler Drain / Hose Bibb	11.11	11.11
10	1" Type M Hard Copper	4.42	44.20
1	3/4" Plug (Square Head) / Cap	3.21	3.21
1	Usage Of String Solder & Paste	5.51	5.51
2	B-Tank (Usage)	5.51	11.02
1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
100	1" Type K Soft Copper	4.35	435.00
1	Usage of Quick Plug	16.90	16.90

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SALE AMOUNT

TOTAL

SEE REVERSE SIDE FOR LIEN CLAUSE

MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172180

BILL TO:
 Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:
 MAWC - Walinca Terrace
 PO#: 5000073404
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173023	net due upon receipt	5/25/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

				Total Material and Other	1,300.70
1		Permit	60.00		60.00*
1		Concrete Saw Per Half Day	175.00		175.00*
1		Trench Safety and Protection	75.00		75.00*
1		Compactor Usage	45.00		45.00*
1		Skidsteer Per Day	350.00		350.00*
1		Mini-Excavator Per Day	350.00		350.00*
75		Bore @ \$25.00 Per Foot	25.00		1,875.00*
11.5		Plumber At \$118.00 Per Hour	118.00		1,357.00*
3.5		Plumber OT At \$140.00 Per Hour	140.00		490.00*
6		Laborer with Service Truck @ \$89.00 Per Hour	89.00		534.00
0.5		Laborer with Service Truck OT @ \$108.00 Per Hour	108.00		54.00*
8		Operator At \$83.00 Per Hour	83.00		664.00*
0.5		Operator OT At \$120.00 Per Hour	120.00		60.00*
				Total Labor	6,089.00

* means item is non-taxable

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SALE AMOUNT	7,389.70
8.11 % Tax	148.79
TOTAL	\$7,538.49

SEE REVERSE SIDE FOR LIEN CLAUSE

MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172179

BILL TO:
 Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:
 MAWC - Wallnca Terrace
 PO#: 5000073404
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173023	net due upon receipt	5/25/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

456 Carswold

To furnish labor and material to replace lead water service to house.

1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
1	1" Flared Angle Stop	53.56	53.56
6	1" Type K Soft Copper	4.35	26.10
Total Material and Other			463.63
1	Permit	60.00	60.00*
2	Plumber At \$118.00 Per Hour	118.00	236.00*
2	Laborer with Service Truck @ \$89.00 Per Hour	89.00	178.00*
Total Labor			474.00

* means item is non-taxable

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SALE AMOUNT	937.63
8.11% Tax	37.60
TOTAL	\$975.23

SEE REVERSE SIDE FOR LIEN CLAUSE

MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172182

BILL TO:
 Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:
 MAWC - Walinca Terrace
 PO#: 5000073404
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173023	net due upon receipt	5/25/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

7648 Walinca
 To furnish labor and material to replace lead water service to house.

2	1" Flared Angle Stop	53.56	107.12
1	1" Copper M - FIP Adapter	13.95	13.95
2	1" Copper Reducer / Bushing	6.67	13.34
2	1/2" Copper M - FIP Adapter	3.35	6.70
1	1" Copper Reducing Tee	20.47	20.47
3	1" Copper Fittings (90-45-Couplings)	4.93	14.79
1	1" Copper Fittings (St. 90 - St. 45)	17.08	17.08
20	1" Type M Hard Copper	4.42	88.40
2	B-Tank (Usage)	5.51	11.02
1	Usage Of String Solder & Paste	5.51	5.51
1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
100	1" Type K Soft Copper	4.35	435.00
1	Usage of Quick Plug	16.90	16.90
Total Material and Other			1,134.25
1	Permit	60.00	60.00*

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SALE AMOUNT	
TOTAL	

SEE REVERSE SIDE FOR LIEN CLAUSE

MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172182

BILL TO:
 Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:
 MAWC - Walinca Terrace
 PO#: 5000073404
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173023	net due upon receipt	5/25/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

1	Trench Safety and Protection			75.00	75.00*
1	Compactor Usage			45.00	45.00*
1	Concrete Saw Per Half Day			175.00	175.00*
1.5	Mini-Excavator Per Day			350.00	525.00*
1	Skidsteer Per Day			350.00	350.00*
75	Bore @ \$25.00 Per Foot			25.00	1,875.00*
11.5	Plumber At \$118.00 Per Hour			118.00	1,357.00*
13	Plumber OT At \$140.00 Per Hour			140.00	1,820.00*
8	Laborer with Service Truck @ \$89.00 Per Hour			89.00	712.00*
8	Operator At \$83.00 Per Hour			83.00	664.00*
3	Operator OT At \$120.00 Per Hour			120.00	360.00*
				Total Labor	8,018.00

* means Item is non-taxable

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SALE AMOUNT	9,152.25
8.11% Tax	91.99
TOTAL	\$9,244.24

SEE REVERSE SIDE FOR LIEN CLAUSE

MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

ST. LOUIS OPERATIONS **invoice**
 INVOICE NO. 3172230

BILL TO:
 Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:
 MAWC - Edgewood Dr.
 PO#: 5000073398
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173024	net due upon receipt	5/31/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

420 Edgewood

To furnish labor and material to replace lead water service to house.

1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
1	1" Flared Angle Stop	53.56	53.56
100	1" Type K Soft Copper	4.35	435.00
1	Usage of Quick Plug	16.90	16.90
1	1" Flared Angle Stop	53.56	53.56
1	1" Copper M - FIP Adapter	13.95	13.95
1	1" Copper Fittings (90-45-Couplings)	4.93	4.93
1	1" Copper Reducing Tee	20.47	20.47
10	1" Type M Hard Copper	4.42	44.20
1	Usage Of String Solder & Paste	5.51	5.51
1	B-Tank (Usage)	5.51	5.51
1	3/4" C x C Copper Cap	2.18	2.18
1	1/2" Brass Cap	3.14	3.14
1	Brass Nipple 1/2x4"	16.58	16.58
Total Material and Other			1,059.46

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SALE AMOUNT	
TOTAL	

SEE REVERSE SIDE FOR LIEN CLAUSE

MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172230

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Edgewood Dr.
 PO#: 5000073398
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173024	net due upon receipt	5/31/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

1	Permit	60.00	60.00*
1	Trench Safety and Protection	75.00	75.00*
1	Compactor Usage	45.00	45.00*
1	1 Hour Concrete Saw Usage	45.00	45.00*
1	Dump Fee	70.00	70.00*
80	Bore @ \$25.00 Per Foot	25.00	2,000.00*
1	Skidsteer Per Day	350.00	350.00*
1	Mini-Excavator Per Day	350.00	350.00*
1	Dump Truck Per Day	350.00	350.00*
15	Plumber At \$118.00 Per Hour	118.00	1,770.00*
3	Plumber OT At \$140.00 Per Hour	140.00	420.00*
9	Laborer with Service Truck @ \$89.00 Per Hour	89.00	801.00*
1	Laborer with Service Truck OT @ \$108.00 Per Hour	108.00	108.00*
3	Operator At \$83.00 Per Hour	83.00	249.00*
1	Operator OT At \$120.00 Per Hour	120.00	120.00*
	Total Labor		6,813.00

* means item is non-taxable

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SALE AMOUNT	7,872.46
8.11% Tax	85.92
TOTAL	\$7,958.38

SEE REVERSE SIDE FOR LIEN CLAUSE

MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172231

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB#:

MAWC - Edgewood Dr.
 PO#: 5000073398
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173024	net due upon receipt	5/31/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

416 Edgewood

To furnish labor and material to replace lead water service to house.

1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
1	1" Flared Angle Stop	53.56	53.56
50	1" Type K Soft Copper	4.35	217.50
1	1" Flared Angle Stop	53.56	53.56
1	1" Copper M - FIP Adapter	13.95	13.95
2	1" Copper Fittings (90-45-Couplings)	4.93	9.86
10	1" Type M Hard Copper	4.42	44.20
1	1/2" Plug (Square Head)	9.80	9.80
1	Usage Of String Solder & Paste	5.51	5.51
1	B-Tank (Usage)	5.51	5.51
1	Usage of Quick Plug	16.90	16.90
Total Material and Other			814.32
1	Permit	60.00	60.00*
1	Trench Safety and Protection	75.00	75.00*
1	Compactor Usage	45.00	45.00*

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SALE AMOUNT	
TOTAL	

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MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172231

BILL TO: Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB: MAWC - Edgewood Dr.
 PO#: 5000073398
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1961 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173024	net due upon receipt	5/31/17	2

QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
1	1 Hour Concrete Saw Usage	45.00	45.00*
30	Bore @ \$25.00 Per Foot	25.00	750.00*
8	Skidsteer Per Day	350.00	2,800.00*
1	Mini-Excavator Per Day	350.00	350.00*
12	Plumber At \$118.00 Per Hour	118.00	1,416.00*
2	Plumber OT At \$140.00 Per Hour	140.00	280.00*
6	Laborer with Service Truck @ \$89.00 Per Hour	89.00	534.00*
3	Operator At \$83.00 Per Hour	83.00	249.00*
0.5	Operator OT At \$120.00 Per Hour	120.00	60.00*
	Total Labor		6,664.00

* means item is non-taxable

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SALE AMOUNT	7,478.32
8.11% Tax	66.04
TOTAL	\$7,544.36

SEE REVERSE SIDE FOR LIEN CLAUSE

MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

invoice

INVOICE NO. 3172232

636-225-0992 314-961-7327

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Edgewood Dr.
 PO#: 5000073398
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173024	net due upon receipt	5/31/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

318 Edgewood

To furnish labor and material to replace lead water service to house.

1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
1	1" Flared Angle Stop	53.56	53.56
100	1" Type K Soft Copper	4.35	435.00
1	Usage of Quick Plug	16.90	16.90
1	1" Flared Angle Stop	53.56	53.56
1	1" Copper M - FIP Adapter	13.95	13.95
1	1" Copper Fittings (90-45-Couplings)	4.93	4.93
1	1" Copper Fittings (St. 90 - St. 45)	17.08	17.08
1	1" Copper Reducer / Bushing	6.67	6.67
2	1" Type M Hard Copper	4.42	8.84
1	1/2" Plug (Square Head)	9.80	9.80
1	Usage Of String Solder & Paste	5.51	5.51
1	B-Tank (Usage)	5.51	5.51
Total Material and Other			1,015.28

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SALE AMOUNT	
TOTAL	

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 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172232

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Edgewood Dr.
 PO#: 5000073398
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173024	net due upon receipt	5/31/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

1	Permit	60.00	60.00*
1	Trench Safety and Protection	75.00	75.00*
1	Compactor Usage	45.00	45.00*
1	1 Hour Concrete Saw Usage	45.00	45.00*
80	Bore @ \$25.00 Per Foot	25.00	2,000.00*
1	Skidsteer Per Day	350.00	350.00*
1	Mini-Excavator Per Day	350.00	350.00*
15	Plumber At \$118.00 Per Hour	118.00	1,770.00*
3	Plumber OT At \$140.00 Per Hour	140.00	420.00*
9	Laborer with Service Truck @ \$89.00 Per Hour	89.00	801.00*
1	Laborer with Service Truck OT @ \$108.00 Per Hour	108.00	108.00*
3	Operator At \$83.00 Per Hour	83.00	249.00*
0.5	Operator OT At \$120.00 Per Hour	120.00	60.00*
	Total Labor		6,333.00

* means item is non-taxable

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SALE AMOUNT	7,348.28
8.11% Tax	82.34
TOTAL	\$7,430.62

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MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172234

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Edgewood Dr.
 PO#: 5000073398
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173024	net due upon receipt	5/31/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

444 Edgewood
 To furnish labor and material to replace lead water service to house.

1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	1" Flared Angle Stop	53.56	53.56
100	1" Type K Soft Copper	4.35	435.00
1	Usage of Quick Plug	16.90	16.90
1	1" Copper Fittings (90-45-Couplings)	4.93	4.93
1	Brass Nipple 1/2x4"	16.58	16.58
1	1" Copper M - FIP Adapter	13.95	13.95
5	1" Type M Hard Copper	4.42	22.10
1	Usage Of String Solder & Paste	5.51	5.51
1	B-Tank (Usage)	5.51	5.51
7	Rock Per Ton	10.65	74.55
Total Material and Other			999.69
1	Permit	60.00	60.00*
1	Trench Safety and Protection	75.00	75.00*
1	Compactor Usage	45.00	45.00*
1	Dump Fee	70.00	70.00*

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SALE AMOUNT

TOTAL

SEE REVERSE SIDE FOR LIEN CLAUSE

MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

invoice

INVOICE NO. 3172234

636-225-0992 314-961-7327

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Edgewood Dr.
 PO#: 5000073398
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173024	net due upon receipt	5/31/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

80	Bore @ \$25.00 Per Foot	25.00	2,000.00*
1	Mini-Excavator Per Day	350.00	350.00*
1	Skidsteer Per Day	350.00	350.00*
1	Dump Truck Per Day	350.00	350.00*
16	Plumber At \$118.00 Per Hour	118.00	1,888.00*
4	Plumber OT At \$140.00 Per Hour	140.00	560.00*
10	Laborer with Service Truck @ \$89.00 Per Hour	89.00	890.00*
2	Laborer with Service Truck OT @ \$108.00 Per Hour	108.00	216.00*
3	Operator At \$83.00 Per Hour	83.00	249.00*
0.5	Operator OT At \$120.00 Per Hour	120.00	60.00*
	Total Labor		7,163.00

* means item is non-taxable

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SALE AMOUNT	8,162.69
8.11% Tax	81.07
TOTAL	\$8,243.76

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MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

invoice

INVOICE NO. 3172236

636-225-0992 314-961-7327

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Edgewood Dr.
 PO#: 5000073398
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173024	net due upon receipt	5/31/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

400 Edgewood
 To furnish labor and material to replace lead water service to house.

1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
1	1" Flared Angle Stop	53.56	53.56
100	1" Type K Soft Copper	4.35	435.00
1	Usage of Quick Plug	16.90	16.90
1	1" Flared Angle Stop	53.56	53.56
1	1" Copper M - FIP Adapter	13.95	13.95
1	1" Copper Reducing Tee	20.47	20.47
1	1/2" Boiler Drain / Hose Bibb	11.11	11.11
2	1" Copper Fittings (90-45-Couplings)	4.93	9.86
1	1" Copper Fittings (St. 90 - St. 45)	17.08	17.08
1	1" Copper Reducer / Bushing	6.67	6.67
2	1" Mickey Hanger	0.92	1.84
4	Drywall Screw	0.33	1.32
15	1" Type M Hard Copper	4.42	66.30
1	Usage Of String Solder & Paste	5.51	5.51
1	B-Tank (Usage)	5.51	5.51

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SALE AMOUNT	
TOTAL	

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 VALLEY PARK, MISSOURI 63088

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invoice

INVOICE NO. 3172236

BILL TO:
 Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:
 MAWC - Edgewood Dr.
 PO#: 5000073398
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173024	net due upon receipt	5/31/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

1	1/2" Plug (Square Head)	9.80	9.80
7	Rock Per Ton	10.65	74.55
Total Material and Other			1,186.96
1	Permit	60.00	60.00*
1	Trench Safety and Protection	75.00	75.00*
1	Compactor Usage	45.00	45.00*
1	Dump Fee	70.00	70.00*
80	Bore @ \$25.00 Per Foot	25.00	2,000.00*
1	Mini-Excavator Per Day	350.00	350.00*
1	Skldsteer Per Day	350.00	350.00*
1	Dump Truck Per Day	350.00	350.00*
16	Plumber At \$118.00 Per Hour	118.00	1,888.00*
3	Plumber OT At \$140.00 Per Hour	140.00	420.00*
10	Laborer with Service Truck @ \$89.00 Per Hour	89.00	890.00*
1	Laborer with Service Truck OT @ \$108.00 Per Hour	108.00	108.00*
3	Operator At \$83.00 Per Hour	83.00	249.00*
0.5	Operator OT At \$120.00 Per Hour	120.00	60.00*
Total Labor			6,915.00

* means item is non-taxable

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SALE AMOUNT	8,101.96
8.11% Tax	96.26
TOTAL	\$8,198.22

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MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172255

BILL TO:
 Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:
 MAWC - Edgewood Dr.
 PO#: 5000073398
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173024	net due upon receipt	5/31/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

401 Edgewood
 To furnish labor and material to replace lead water service to house.

1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
1	1" Flared Angle Stop	53.56	53.56
70	1" Type K Soft Copper	4.35	304.50
1	Usage of Quick Plug	16.90	16.90
1	1" Flared Angle Stop	53.56	53.56
1	1" Copper M - FIP Adapter	13.95	13.95
2	1" Copper Fittings (90-45-Couplings)	4.93	9.86
3	1" Type M Hard Copper	4.42	13.26
1	1" Copper Reducer / Bushing	6.67	6.67
1	1/2" Plug (Square Head)	9.80	9.80
1	Usage Of String Solder & Paste	5.51	5.51
1	B-Tank (Usage)	5.51	5.51
Total Material and Other			877.05
1	Permit	60.00	60.00*
1	Trench Safety and Protection	75.00	75.00*

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SALE AMOUNT	
TOTAL	

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MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172255

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Edgewood Dr.
 PO#: 5000073398
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173024	net due upon receipt	5/31/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

1	Compactor Usage			45.00	45.00*
1	Skidsteer Per Day			350.00	350.00*
1	Mini-Excavator Per Day			350.00	350.00*
50	Bore @ \$25.00 Per Foot			25.00	1,250.00*
14	Plumber At \$118.00 Per Hour			118.00	1,652.00*
2	Plumber OT At \$140.00 Per Hour			140.00	280.00*
8	Laborer with Service Truck @ \$89.00 Per Hour			89.00	712.00*
3	Operator At \$83.00 Per Hour			83.00	249.00*
0.5	Operator OT At \$120.00 Per Hour			120.00	60.00*
				Total Labor	5,083.00

* means item is non-taxable

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SALE AMOUNT	5,960.05
8.11% Tax	71.13
TOTAL	\$6,031.18

SEE REVERSE SIDE FOR LIEN CLAUSE

MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172257

BILL TO:
 Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:
 MAWC - Edgewood Dr.
 PO#: 5000073398
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173024	net due upon receipt	5/31/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

428 Edgewood
 To furnish labor and material to replace lead water service to house.

1	1" Flared Tee Head	89.58	89.58
1	St. Louis County Stop-Box	32.87	32.87
40	1" Type K Soft Copper	4.35	174.00
7	Rock Per Ton	10.65	74.55
1	Usage Of String Solder & Paste	5.51	5.51
1	B-Tank (Usage)	5.51	5.51
Total Material and Other			382.02
1	Permit	60.00	60.00*
1	Dump Fee	70.00	70.00*
1	Compactor Usage	45.00	45.00*
1	Trench Safety and Protection	75.00	75.00*
30	Bore @ \$25.00 Per Foot	25.00	750.00*
1	Mini-Excavator Per Day	350.00	350.00*
1	Skidsteer Per Day	350.00	350.00*
1	Dump Truck Per Day	350.00	350.00*
12	Plumber At \$118.00 Per Hour	118.00	1,416.00*
2	Plumber OT At \$140.00 Per Hour	140.00	280.00*
6	Laborer with Service Truck @ \$89.00 Per Hour	89.00	534.00*
3	Operator At \$83.00 Per Hour	83.00	249.00*

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SALE AMOUNT	
TOTAL	

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MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172257

BILL TO:
 Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:
 MAWC - Edgewood Dr.
 PO#: 5000073398
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173024	net due upon receipt	5/31/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

0.5	Operator OT At \$120.00 Per Hour	120.00	60.00*
	Total Labor		4,589.00

* means item is non-taxable

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SALE AMOUNT	4,971.02
8.11 % Tax	30.98
TOTAL	\$5,002.00

SEE REVERSE SIDE FOR LIEN CLAUSE

MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

invoice

INVOICE NO. 3172258

636-225-0992 314-961-7327

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Edgewood Dr.
 PO#: 5000073398
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173024	net due upon receipt	5/31/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

424 Edgewood
 To furnish labor and material to replace lead water service to house.

1	1" Flared Tee Head	89.58	89.58
1	St. Louis County Stop-Box	32.87	32.87
30	1" Type K Soft Copper	4.35	130.50
1	Usage Of String Solder & Paste	5.51	5.51
1	B-Tank (Usage)	5.51	5.51
Total Material and Other			263.97
1	Permit	60.00	60.00*
1	Compactor Usage	45.00	45.00*
1	Trench Safety and Protection	75.00	75.00*
30	Bore @ \$25.00 Per Foot	25.00	750.00*
1	Skidsteer Per Day	350.00	350.00*
1	Mini-Excavator Per Day	350.00	350.00*
12	Plumber At \$118.00 Per Hour	118.00	1,416.00*
2	Plumber OT At \$140.00 Per Hour	140.00	280.00*
6	Laborer with Service Truck @ \$89.00 Per Hour	89.00	534.00*
3	Operator At \$83.00 Per Hour	83.00	249.00*
0.5	Operator OT At \$120.00 Per Hour	120.00	60.00*

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SALE AMOUNT	
TOTAL	

SEE REVERSE SIDE FOR LIEN CLAUSE

MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172258

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Edgewood Dr.
 PO#: 5000073398
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173024	net due upon receipt	5/31/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

Total Labor 4,169.00

* means item is non-taxable

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SALE AMOUNT	4,432.97
8.11% Tax	21.41
TOTAL	\$4,454.38

SEE REVERSE SIDE FOR LIEN CLAUSE

MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172259

BILL TO:
 Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:
 MAWC - Edgewood Dr.
 PO#: 5000073398
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173024	net due upon receipt	5/31/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

437 Edgewood
 To furnish labor and material to replace lead water service to house.

1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
1	1" Flared Angle Stop	53.56	53.56
70	1" Type K Soft Copper	4.35	304.50
1	Usage of Quick Plug	16.90	16.90
1	1" Flared Angle Stop	53.56	53.56
1	1" Copper M - FIP Adapter	13.95	13.95
1	1" Copper Fittings (90-45-Couplings)	4.93	4.93
1	1" Copper Reducing Tee	20.47	20.47
1	3/4" Copper C x C Sleeve / Less Stop	3.33	3.33
1	3/4" C x C Copper Cap	2.18	2.18
1	3/4" Type M Hard Copper	2.69	2.69
10	1" Type M Hard Copper	4.42	44.20
1	Usage Of String Solder & Paste	5.51	5.51
1	B-Tank (Usage)	5.51	5.51
7	Rock Per Ton	10.65	74.55

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SALE AMOUNT

TOTAL

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 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172259

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Edgewood Dr.
 PO#: 5000073398
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173024	net due upon receipt	5/31/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

				Total Material and Other	989.81
1		Permit	60.00		60.00*
1		Compactor Usage	45.00		45.00*
1		Trench Safety and Protection	75.00		75.00*
1		Dump Fee	70.00		70.00*
60		Bore @ \$25.00 Per Foot	25.00		1,500.00*
1		Mini-Excavator Per Day	350.00		350.00*
1		Skidsteer Per Day	350.00		350.00*
1		Dump Truck Per Day	350.00		350.00*
16		Plumber At \$118.00 Per Hour	118.00		1,888.00*
4		Plumber OT At \$140.00 Per Hour	140.00		560.00*
10		Laborer with Service Truck @ \$89.00 Per Hour	89.00		890.00*
2		Laborer with Service Truck OT @ \$108.00 Per Hour	108.00		216.00*
3		Operator At \$83.00 Per Hour	83.00		249.00*
0.5		Operator OT At \$120.00 Per Hour	120.00		60.00*
				Total Labor	6,663.00

* means item is non-taxable

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SALE AMOUNT	7,652.81
8.11 % Tax	80.27
TOTAL	\$7,733.08

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MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172260

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Edgewood Dr.
 PO#: 5000073398
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173024	net due upon receipt	5/31/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

440 Edgewood

To furnish labor and material to replace lead water service to house.

1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
1	1" Flared Angle Stop	53.56	53.56
100	1" Type K Soft Copper	4.35	435.00
1	1" Flared Angle Stop	53.56	53.56
1	1" Copper M - FIP Adapter	13.95	13.95
1	1" Copper Fittings (90-45-Couplings)	4.93	4.93
1	1" Copper Reducer / Bushing	6.67	6.67
10	1" Type M Hard Copper	4.42	44.20
1	3/4" Plug (Square Head)	11.49	11.49
1	Usage Of String Solder & Paste	5.51	5.51
1	B-Tank (Usage)	5.51	5.51
1	Usage of Quick Plug	16.90	16.90
Total Material and Other			1,035.25
1	Permit	60.00	60.00*
1	Compactor Usage	45.00	45.00*

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SALE AMOUNT

TOTAL

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 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172260

BILL TO:
 Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:
 MAWC - Edgewood Dr.
 PO#: 5000073398
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173024	net due upon receipt	5/31/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

1	Trench Safety and Protection			75.00	75.00*	
80	Bore @ \$25.00 Per Foot			25.00	2,000.00*	
1	Skidsteer Per Day			350.00	350.00*	
1	Mini-Excavator Per Day			350.00	350.00*	
17	Plumber At \$118.00 Per Hour			118.00	2,006.00*	
4	Plumber OT At \$140.00 Per Hour			140.00	560.00*	
11	Laborer with Service Truck @ \$89.00 Per Hour			89.00	979.00*	
2	Laborer with Service Truck OT @ \$108.00 Per Hour			108.00	216.00*	
3	Operator At \$83.00 Per Hour			83.00	249.00*	
0.5	Operator OT At \$120.00 Per Hour			120.00	60.00*	
	Total Labor				6,950.00	

* means item is non-taxable

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SALE AMOUNT	7,985.25
8.11% Tax	83.96
TOTAL	\$8,069.21

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 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172261

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Edgewood Dr.
 PO#: 5000073398
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173024	net due upon receipt	5/31/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

452 Edgewood
 To furnish labor and material to replace lead water service to house.

1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
1	1" Flared Angle Stop	53.56	53.56
100	1" Type K Soft Copper	4.35	435.00
1	Usage of Quick Plug	16.90	16.90
1	1" Flared Angle Stop	53.56	53.56
1	1" Copper M - FIP Adapter	13.95	13.95
2	1" Copper Fittings (90-45-Couplings)	4.93	9.86
1	1" Copper Reducing Tee	20.47	20.47
1	1/2" Sweat Full Port Ball Valve	18.90	18.90
1	1/2" Copper Fittings (90-45-Couplings)	0.00	0.00
1	1" Dielectric Union	4.00	4.00
1	Galvanized Steel Pipe Nipple 1" x 4"	3.57	3.57
20	1" Type M Hard Copper	4.42	88.40
3	1" Copper J-Hook	0.45	1.35

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SALE AMOUNT	
TOTAL	

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 Schedule JAM-r6



306 Saint Louis Avenue
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invoice

INVOICE NO. 3172261

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Edgewood Dr.
 PO#: 5000073398
 Clayton, MO 63105

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CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173024	net due upon receipt	5/31/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

1	Usage Of String Solder & Paste	5.51	5.51
1	B-Tank (Usage)	5.51	5.51
7	Rock Per Ton	10.65	74.55
Total Material and Other			1,189.06
1	Permit	60.00	60.00*
1	Trench Safety and Protection	75.00	75.00*
1	Compactor Usage	45.00	45.00*
1	Dump Fee	70.00	70.00*
1	Dump Truck Per Day	350.00	350.00*
1	Skidsteer Per Day	350.00	350.00*
1	Mini-Excavator Per Day	350.00	350.00*
80	Bore @ \$25.00 Per Foot	25.00	2,000.00*
17	Plumber At \$118.00 Per Hour	118.00	2,006.00*
4	Plumber OT At \$140.00 Per Hour	140.00	560.00*
11	Laborer with Service Truck @ \$89.00 Per Hour	89.00	979.00*
2	Laborer with Service Truck OT @ \$108.00 Per Hour	108.00	216.00*
3	Operator At \$83.00 Per Hour	83.00	249.00*
0.5	Operator OT At \$120.00 Per Hour	120.00	60.00*
Total Labor			7,370.00

* means item is non-taxable

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SALE AMOUNT	8,559.06
8.11% Tax	96.43
TOTAL	\$8,655.49

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 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172262

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Edgewood Dr.
 PO#: 5000073398
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173024	net due upon receipt	5/31/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

336 Edgewood
 To furnish labor and material to replace lead water service to house.

1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
1	1" Flared Angle Stop	53.56	53.56
100	1" Type K Soft Copper	4.35	435.00
1	Usage of Quick Plug	16.90	16.90
1	1" Flared Angle Stop	53.56	53.56
1	1" Copper M - FIP Adapter	13.95	13.95
2	1" Copper Fittings (90-45-Couplings)	4.93	9.86
1	3/4" Copper Fittings (90-45-Couplings)	3.59	3.59
1	1" Copper Fittings (St. 90 - St. 45)	17.08	17.08
1	1" Copper Reducer / Bushing	6.67	6.67
7	1" Type M Hard Copper	4.42	30.94
1	Usage Of String Solder & Paste	5.51	5.51
1	B-Tank (Usage)	5.51	5.51
1	1/2" Plug (Square Head)	9.80	9.80

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SALE AMOUNT	
TOTAL	

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MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

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invoice

INVOICE NO. 3172262

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Edgewood Dr.
 PO#: 5000073398
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173024	net due upon receipt	5/31/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

				Total Material and Other	1,045.90
1		Permit	60.00		60.00*
1		Trench Safety and Protection	75.00		75.00*
1		Compactor Usage	45.00		45.00*
100		Bore @ \$25.00 Per Foot	25.00		2,500.00*
1		Skidsteer Per Day	350.00		350.00*
1		Mini-Excavator Per Day	350.00		350.00*
18		Plumber At \$118.00 Per Hour	118.00		2,124.00*
3		Plumber OT At \$140.00 Per Hour	140.00		420.00*
12		Laborer with Service Truck @ \$89.00 Per Hour	89.00		1,068.00*
1		Laborer with Service Truck OT @ \$108.00 Per Hour	108.00		108.00*
3		Operator At \$83.00 Per Hour	83.00		249.00*
0.5		Operator OT At \$120.00 Per Hour	120.00		60.00*
				Total Labor	7,409.00

* means item is non-taxable

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SALE AMOUNT	8,454.90
8.11% Tax	84.82
TOTAL	\$8,539.72

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 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

invoice

INVOICE NO. 3172263

636-225-0992 314-961-7327

BILL TO:
 Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:
 MAWC - Edgewood Dr.
 PO#: 5000073398
 Clayton, MO 63105

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CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173024	net due upon receipt	6/1/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

7600 Carswold

To furnish labor and material to replace lead water service to house.

1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	1" Flared Coupling	27.55	27.55
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
1	1" Flared Angle Stop	53.56	53.56
130	1" Type K Soft Copper	4.35	565.50
1	Usage of Quick Plug	16.90	16.90
7	Rock Per Ton	10.65	74.55
1	1" Flared Angle Stop	53.56	53.56
1	1" Copper M - FIP Adapter	13.95	13.95
2	1" Copper Fittings (90-45-Couplings)	4.93	9.86
1	1" C x C Copper Tee	20.40	20.40
10	1" Type M Hard Copper	4.42	44.20
2	1/2" Plug (Square Head)	9.80	19.60
1	Usage Of String Solder & Paste	5.51	5.51
1	B-Tank (Usage)	5.51	5.51

Total Material and Other 1,294.62

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SALE AMOUNT

TOTAL

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INVOICE NO. 3172263

636-225-0992 314-961-7327

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Edgewood Dr.
 PO#: 5000073398
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173024	net due upon receipt	6/1/17	2

QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
1	Permit	60.00	60.00*
1	Trench Safety and Protection	75.00	75.00*
1	Compactor Usage	45.00	45.00*
1	Dump Fee	70.00	70.00*
120	Bore @ \$25.00 Per Foot	25.00	3,000.00*
1	Mini-Excavator Per Day	350.00	350.00*
1	Skidsteer Per Day	350.00	350.00*
1	Dump Truck Per Day	350.00	350.00*
17	Plumber At \$118.00 Per Hour	118.00	2,006.00*
4	Plumber OT At \$140.00 Per Hour	140.00	560.00*
11	Laborer with Service Truck @ \$89.00 Per Hour	89.00	979.00*
2	Laborer with Service Truck OT @ \$108.00 Per Hour	108.00	216.00*
3	Operator At \$83.00 Per Hour	83.00	249.00*
0.5	Operator OT At \$120.00 Per Hour	120.00	60.00*
	Total Labor		8,370.00

* means item is non-taxable

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SALE AMOUNT	9,664.62
8.11% Tax	104.99
TOTAL	\$9,769.61

SEE REVERSE SIDE FOR LIEN CLAUSE

MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172264

BILL TO:
 Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:
 MAWC - Edgewood Dr.
 PO#: 5000073398
 Clayton, MO 63105

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CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173024	net due upon receipt	6/1/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

332 Edgewood
 To furnish labor and material to replace lead water service to house.

1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
1	1" Flared Angle Stop	53.56	53.56
100	1" Type K Soft Copper	4.35	435.00
1	Usage of Quick Plug	16.90	16.90
1	1" Flared Angle Stop	53.56	53.56
1	1" Copper M - FIP Adapter	13.95	13.95
1	1" Copper Fittings (90-45-Couplings)	4.93	4.93
1	1" Copper Reducer / Bushing	6.67	6.67
6	1" Type M Hard Copper	4.42	26.52
1	Usage Of String Solder & Paste	5.51	5.51
1	B-Tank (Usage)	5.51	5.51
1	1/2" Plug (Square Head)	9.80	9.80
	Total Material and Other		1,015.88
1	Permit	60.00	60.00*
1	Trench Safety and Protection	75.00	75.00*

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SALE AMOUNT
TOTAL

SEE REVERSE SIDE FOR LIEN CLAUSE

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 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

invoice

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636-225-0992 314-961-7327

BILL TO:
 Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:
 MAWC - Edgewood Dr.
 PO#: 5000073398
 Clayton, MO 63105

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CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173024	net due upon receipt	6/1/17	2

QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
1	Compactor Usage	45.00	45.00*
1	Dump Fee	70.00	70.00*
90	Bore @ \$25.00 Per Foot	25.00	2,250.00*
1	Skidsteer Per Day	350.00	350.00*
1	Mini-Excavator Per Day	350.00	350.00*
1	Dump Truck Per Day	350.00	350.00*
15	Plumber At \$118.00 Per Hour	118.00	1,770.00*
3	Plumber OT At \$140.00 Per Hour	140.00	420.00*
9	Laborer with Service Truck @ \$89.00 Per Hour	89.00	801.00*
1	Laborer with Service Truck OT @ \$108.00 Per Hour	108.00	108.00*
3	Operator At \$83.00 Per Hour	83.00	249.00*
0.5	Operator OT At \$120.00 Per Hour	120.00	60.00*
	Total Labor		6,958.00

* means item is non-taxable

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SALE AMOUNT	7,973.88
8.11% Tax	82.39
TOTAL	\$8,056.27

SEE REVERSE SIDE FOR LIEN CLAUSE

MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172265

BILL TO:
 Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:
 MAWC - Edgewood Dr.
 PO#: 5000073398
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173024	net due upon receipt	6/1/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

326 Edgewood
 To furnish labor and material to replace lead water service to house.

1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
1	1" Flared Angle Stop	53.56	53.56
100	1" Type K Soft Copper	4.35	435.00
1	Usage of Quick Plug	16.90	16.90
1	1" Flared Angle Stop	53.56	53.56
1	1" Copper M - FIP Adapter	13.95	13.95
1	1" Copper Fittings (90-45-Couplings)	4.93	4.93
2	1" Copper Fittings (St. 90 - St. 45)	17.08	34.16
1	1" Copper Reducer / Bushing	6.67	6.67
10	1" Type M Hard Copper	4.42	44.20
1	Usage Of String Solder & Paste	5.51	5.51
1	B-Tank (Usage)	5.51	5.51
1	1/2" Plug (Square Head)	9.80	9.80
Total Material and Other			1,067.72

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SALE AMOUNT	
TOTAL	

SEE REVERSE SIDE FOR LIEN CLAUSE

MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

invoice

INVOICE NO. 3172265

636-225-0992 314-961-7327

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Edgewood Dr.
 PO#: 5000073398
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173024	net due upon receipt	6/1/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

1	Permit	60.00	60.00*
1	Trench Safety and Protection	75.00	75.00*
1	Compactor Usage	45.00	45.00*
1	Dump Fee	70.00	70.00*
80	Bore @ \$25.00 Per Foot	25.00	2,000.00*
1	Mini-Excavator Per Day	350.00	350.00*
1	Skidsteer Per Day	350.00	350.00*
1	Dump Truck Per Day	350.00	350.00*
15	Plumber At \$118.00 Per Hour	118.00	1,770.00*
3	Plumber OT At \$140.00 Per Hour	140.00	420.00*
9	Laborer with Service Truck @ \$89.00 Per Hour	89.00	801.00*
1	Laborer with Service Truck OT @ \$108.00 Per Hour	108.00	108.00*
3	Operator At \$83.00 Per Hour	83.00	249.00*
0.5	Operator OT At \$120.00 Per Hour	120.00	60.00*
	Total Labor		6,708.00

* means item is non-taxable

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SALE AMOUNT	7,775.72
8.11% Tax	86.59
TOTAL	\$7,862.31

SEE REVERSE SIDE FOR LIEN CLAUSE

MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172266

BILL TO:
 Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:
 MAWC - Edgewood Dr.
 PO#: 5000073398
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173024	net due upon receipt	6/1/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

322 Edgewood
 To furnish labor and material to replace lead water service to house.

1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
1	1" Flared Angle Stop	53.56	53.56
100	1" Type K Soft Copper	4.35	435.00
1	Usage of Quick Plug	16.90	16.90
1	1" Flared Angle Stop	53.56	53.56
1	1" Copper M - FIP Adapter	13.95	13.95
3	1" Copper Fittings (90-45-Couplings)	4.93	14.79
1	1" Copper Fittings (St. 90 - St. 45)	17.08	17.08
1	3/4" Male/Female Dialectic Union	11.02	11.02
6	1" Type M Hard Copper	4.42	26.52
3	3/4" Type M Hard Copper	2.69	8.07
1	1/2" Plug (Square Head)	9.80	9.80
1	1" Copper Reducer / Bushing	6.67	6.67
1	B-Tank (Usage)	5.51	5.51
1	Usage Of String Solder & Paste	5.51	5.51

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SALE AMOUNT	
TOTAL	

SEE REVERSE SIDE FOR LIEN CLAUSE



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

invoice

INVOICE NO. 3172266

636-225-0992 314-961-7327

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Edgewood Dr.
 PO#: 5000073398
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173024	net due upon receipt	6/1/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

				Total Material and Other	1,061.91
1		Permit	60.00	60.00*	
1		Trench Safety and Protection	75.00	75.00*	
1		Compactor Usage	45.00	45.00*	
1		Skidsteer Per Day	350.00	350.00*	
1		Mini-Excavator Per Day	350.00	350.00*	
80		Bore @ \$25.00 Per Foot	25.00	2,000.00*	
15		Plumber At \$118.00 Per Hour	118.00	1,770.00*	
3		Plumber OT At \$140.00 Per Hour	140.00	420.00*	
9		Laborer with Service Truck @ \$89.00 Per Hour	89.00	801.00*	
1		Laborer with Service Truck OT @ \$108.00 Per Hour	108.00	108.00*	
3		Operator At \$83.00 Per Hour	83.00	249.00*	
0.5		Operator OT At \$120.00 Per Hour	120.00	60.00*	
		Total Labor		6,288.00	

* means item is non-taxable

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SALE AMOUNT	7,349.91
8.11% Tax	86.12
TOTAL	\$7,436.03

SEE REVERSE SIDE FOR LIEN CLAUSE

MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172267

BILL TO: Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB: MAWC - Edgewood Dr.
 PO#: 5000073398
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173024	net due upon receipt	6/1/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

317 Edgewood
 To furnish labor and material to replace lead water service to house.

1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
1	1" Flared Angle Stop	53.56	53.56
60	1" Type K Soft Copper	4.35	261.00
1	Usage of Quick Plug	16.90	16.90
7	Rock Per Ton	10.65	74.55
1	1" Flared Angle Stop	53.56	53.56
1	1" Copper M - FIP Adapter	13.95	13.95
2	1" Copper Fittings (90-45-Couplings)	4.93	9.86
1	1" Copper Fittings (St. 90 - St. 45)	17.08	17.08
1	1" Copper Reducing Tee	20.47	20.47
10	1" Type M Hard Copper	4.42	44.20
2	3/4" C x C Copper Cap	2.18	4.36
1	Usage Of String Solder & Paste	5.51	5.51
1	B-Tank (Usage)	5.51	5.51

Total Material and Other 964.48

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SALE AMOUNT	
TOTAL	

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MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172267

BILL TO:
 Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:
 MAWC - Edgewood Dr.
 PO#: 5000073398
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173024	net due upon receipt	6/1/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

1	Permit	60.00	60.00*
1	Compactor Usage	45.00	45.00*
1	Trench Safety and Protection	75.00	75.00*
1	Dump Fee	70.00	70.00*
1	Mini-Excavator Per Day	350.00	350.00*
1	Skidsteer Per Day	350.00	350.00*
1	Dump Truck Per Day	350.00	350.00*
50	Bore @ \$25.00 Per Foot	25.00	1,250.00*
13	Plumber At \$118.00 Per Hour	118.00	1,534.00*
2	Plumber OT At \$140.00 Per Hour	140.00	280.00*
7	Laborer with Service Truck @ \$89.00 Per Hour	89.00	623.00*
3	Operator At \$83.00 Per Hour	83.00	249.00*
0.5	Operator OT At \$120.00 Per Hour	120.00	60.00*
	Total Labor		5,296.00

* means item is non-taxable

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SALE AMOUNT	6,260.48
8.11% Tax	78.22
TOTAL	\$6,338.70

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MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172268

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Edgewood Dr.
 PO#: 5000073398
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173024	net due upon receipt	6/1/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

316 Edgewood

To furnish labor and material to replace lead water service to house.

1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
100	1" Type K Soft Copper	4.35	435.00
1	1" Flared Angle Stop	53.56	53.56
1	Usage of Quick Plug	16.90	16.90
1	1" Flared Angle Stop	53.56	53.56
1	1" Copper M - FIP Adapter	13.95	13.95
2	1" Copper Fittings (90-45-Couplings)	4.93	9.86
1	1" Copper Reducer / Bushing	6.67	6.67
1	1/2" Plug (Square Head)	9.80	9.80
2	1" Type M Hard Copper	4.42	8.84
1	Usage Of String Solder & Paste	5.51	5.51
1	B-Tank (Usage)	5.51	5.51
Total Material and Other			1,003.13
1	Permit	60.00	60.00*
1	Compactor Usage	45.00	45.00*

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SALE AMOUNT	
TOTAL	

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306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172268

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Edgewood Dr.
 PO#: 5000073398
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173024	net due upon receipt	6/1/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

1	Trench Safety and Protection			75.00	75.00*
1	Skidsteer Per Day			350.00	350.00*
1	Mini-Excavator Per Day			350.00	350.00*
80	Bore @ \$25.00 Per Foot			25.00	2,000.00*
15	Plumber At \$118.00 Per Hour			118.00	1,770.00*
3	Plumber OT At \$140.00 Per Hour			140.00	420.00*
9	Laborer with Service Truck @ \$89.00 Per Hour			89.00	801.00*
1	Laborer with Service Truck OT @ \$108.00 Per Hour			108.00	108.00*
3	Operator At \$83.00 Per Hour			83.00	249.00*
0.5	Operator OT At \$120.00 Per Hour			120.00	60.00*
	Total Labor				6,288.00

* means item is non-taxable

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SALE AMOUNT	7,291.13
8.11% Tax	81.35
TOTAL	\$7,372.48

SEE REVERSE SIDE FOR LIEN CLAUSE

MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172269

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Edgewood Dr.
 PO#: 5000073398
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173024	net due upon receipt	6/1/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

436 Edgewood
 To furnish labor and material to replace lead water service to house.

1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
1	1" Flared Angle Stop	53.56	53.56
1	1" Flared Coupling	27.55	27.55
100	1" Type K Soft Copper	4.35	435.00
1	1" Copper Fittings (90-45-Couplings)	4.93	4.93
1	1" Copper M - FIP Adapter	13.95	13.95
5	1" Type M Hard Copper	4.42	22.10
1	Usage Of String Solder & Paste	5.51	5.51
1	B-Tank (Usage)	5.51	5.51
Total Material and Other			952.08
1	Permit	60.00	60.00*
1	Compactor Usage	45.00	45.00*
1	Trench Safety and Protection	75.00	75.00*
1	Skidsteer Per Day	350.00	350.00*
1	Mini-Excavator Per Day	350.00	350.00*

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SALE AMOUNT

TOTAL

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MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172269

BILL TO:
 Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:
 MAWC - Edgewood Dr.
 PO#: 5000073398
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173024	net due upon receipt	6/1/17	2

QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
80	Bore @ \$25.00 Per Foot	25.00	2,000.00*
15	Plumber At \$118.00 Per Hour	118.00	1,770.00*
3	Plumber OT At \$140.00 Per Hour	140.00	420.00*
9	Laborer with Service Truck @ \$89.00 Per Hour	89.00	801.00*
1	Laborer with Service Truck OT @ \$108.00 Per Hour	108.00	108.00*
3	Operator At \$83.00 Per Hour	83.00	249.00*
0.5	Operator OT At \$120.00 Per Hour	120.00	60.00*
	Total Labor		6,288.00

* means item is non-taxable

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SALE AMOUNT	7,240.08
8.11% Tax	77.21
TOTAL	\$7,317.29

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MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172270

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Edgewood Dr.
 PO#: 5000073398
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173024	net due upon receipt	6/1/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

313 Edgewood
 To furnish labor and material to replace lead water service to house.

1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
1	1" Flared Angle Stop	53.56	53.56
60	1" Type K Soft Copper	4.35	261.00
1	Usage of Quick Plug	16.90	16.90
1	1" Flared Angle Stop	53.56	53.56
1	1" Copper M - FIP Adapter	13.95	13.95
3	1" Copper Fittings (90-45-Couplings)	4.93	14.79
1	3/4" Male/Female Dialectic Union	11.02	11.02
1	1" Copper Reducer / Bushing	6.67	6.67
10	1" Type M Hard Copper	4.42	44.20
6	3/4" Type M Hard Copper	2.69	16.14
1	Usage Of String Solder & Paste	5.51	5.51
1	B-Tank (Usage)	5.51	5.51
1	1/2" Plug (Square Head)	9.80	9.80

Total Material and Other 896.58

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SALE AMOUNT	
-	
TOTAL	

SEE REVERSE SIDE FOR LIEN CLAUSE

MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172270

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Edgewood Dr.
 PO#: 5000073398
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173024	net due upon receipt	6/1/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

1	Permit	60.00	60.00*
1	Compactor Usage	45.00	45.00*
1	Trench Safety and Protection	75.00	75.00*
1	Skidsteer Per Day	350.00	350.00*
1	Mini-Excavator Per Day	350.00	350.00*
50	Bore @ \$25.00 Per Foot	25.00	1,250.00*
13	Plumber At \$118.00 Per Hour	118.00	1,534.00*
2	Plumber OT At \$140.00 Per Hour	140.00	280.00*
7	Laborer with Service Truck @ \$89.00 Per Hour	89.00	623.00*
3	Operator At \$83.00 Per Hour	83.00	249.00*
0.5	Operator OT At \$120.00 Per Hour	120.00	60.00*
	Total Labor		4,876.00

* means item is non-taxable

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SALE AMOUNT	5,772.58
8.11% Tax	72.71
TOTAL	\$5,845.29

SEE REVERSE SIDE FOR LIEN CLAUSE

MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

invoice

INVOICE NO. 3172271

636-225-0992 314-961-7327

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Edgewood Dr.
 PO#: 5000073398
 Clayton, MO 631.05

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173024	net due upon receipt	6/1/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

308 Edgewood

To furnish labor and material to replace lead water service to house.

1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
1	1" Flared Angle Stop	53.56	53.56
100	1" Type K Soft Copper	4.35	435.00
1	1" Flared Angle Stop	53.56	53.56
1	1" Copper M - FIP Adapter	13.95	13.95
1	1" C x C Copper Tee	20.40	20.40
2	1" Copper Fittings (90-45-Couplings)	4.93	9.86
1	1" Copper Fittings (St. 90 - St. 45)	17.08	17.08
10	1" Type M Hard Copper	4.42	44.20
1	1" C x C Copper Cap	5.15	5.15
1	3/4" Plug (Square Head)	11.49	11.49
1	Usage Of String Solder & Paste	5.51	5.51
1	B-Tank (Usage)	5.51	5.51
Total Material and Other			1,059.24

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SALE AMOUNT

TOTAL

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MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

invoice

INVOICE NO. 3172271

636-225-0992 314-961-7327

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Edgewood Dr.
 PO#: 5000073398
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173024	net due upon receipt	6/1/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

1	Permit	60.00	60.00*
1	Compactor Usage	45.00	45.00*
1	Trench Safety and Protection	75.00	75.00*
1	Mini-Excavator Per Day	350.00	350.00*
1	Skidsteer Per Day	350.00	350.00*
90	Bore @ \$25.00 Per Foot	25.00	2,250.00*
17	Plumber At \$118.00 Per Hour	118.00	2,006.00*
4	Plumber OT At \$140.00 Per Hour	140.00	560.00*
11	Laborer with Service Truck @ \$89.00 Per Hour	89.00	979.00*
2	Laborer with Service Truck OT @ \$108.00 Per Hour	108.00	216.00*
3	Operator At \$83.00 Per Hour	83.00	249.00*
0.5	Operator OT At \$120.00 Per Hour	120.00	60.00*
	Total Labor		7,200.00

* means item is non-taxable

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SALE AMOUNT	8,259.24
8.11% Tax	85.90
TOTAL	\$8,345.14

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MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

1702

ST. LOUIS
 OPERATIONS

INVOICE NO. 3172119

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/23/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

23 Arundel

To furnish labor and material to replace lead water service to house.

1	1" Flared Angle Stop	53.56	53.56
1	1" Copper M - FIP Adapter	13.95	13.95
3	1" Copper Fittings (90-45-Couplings)	4.93	14.79
2	1" Copper Fittings (St. 90 - St. 45)	17.08	34.16
12	1" Type M Hard Copper	4.42	53.04
1	1" Copper Reducing Tee	20.47	20.47
1	Usage Of String Solder & Paste	5.51	5.51
2	B-Tank (Usage)	5.51	11.02
1	3/4" Brass Cap	3.21	3.21
1	3/4" Plug (Square Head)	11.49	11.49
1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
1	1" Flared Angle Stop	53.56	53.56
100	1" Type K Soft Copper	4.35	435.00
1	Usage of Quick Plug	16.90	16.90
5	Rock Per Ton	10.65	53.25

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SALE AMOUNT

TOTAL

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MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172119

BILL TO:
 Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:
 MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/23/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

				Total Material and Other	1,163.88
1		Permit	60.00	60.00*	60.00*
1		Concrete Saw Per Day	350.00	350.00*	350.00*
1		Dump Fee	70.00	70.00*	70.00*
1		Trench Safety and Protection	75.00	75.00*	75.00*
1		Compactor Usage	45.00	45.00*	45.00*
80		Bore @ \$25.00 Per Foot	25.00	2,000.00*	2,000.00*
1		Skidsteer Per Day	350.00	350.00*	350.00*
1		Mini-Excavator Per Day	350.00	350.00*	350.00*
19.5		Laborer with Service Truck @ \$89.00 Per Hour	89.00	1,735.50*	1,735.50*
1.5		Laborer with Service Truck OT @ \$108.00 Per Hour	108.00	162.00*	162.00*
13		Operator At \$83.00 Per Hour	83.00	1,079.00*	1,079.00*
1		Operator OT At \$120.00 Per Hour	120.00	120.00*	120.00*
1		Dump Truck Per Day	350.00	350.00*	350.00*
21.5		Plumber At \$118.00 Per Hour	118.00	2,537.00*	2,537.00*
2.5		Plumber OT At \$140.00 Per Hour	140.00	350.00*	350.00*
				Total Labor	9,633.50

* means item is non-taxable

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SALE AMOUNT	10,797.38
8.11% Tax	94.39
TOTAL	\$10,891.77

SEE REVERSE SIDE FOR LIEN CLAUSE

MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172120

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/23/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

24 Arundel

To furnish labor and material to replace lead water service to house.

1	1-1/2" Gate Valve	42.55	42.55
1	1-1/2" Copper Fittings (St. 90 - St. 45)	26.33	26.33
1	1-1/2" Copper Reducing Tee	32.02	32.02
1	1/2" Boiler Drain / Hose Bibb	11.11	11.11
1	1-1/2" C x C Copper Cap	10.08	10.08
2	1-1/2" Type L Hard Copper	10.46	20.92
1	Usage Of String Solder & Paste	5.51	5.51
1	B-Tank (Usage)	5.51	5.51
1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
1	1" Flared Angle Stop	53.56	53.56
100	1" Type K Soft Copper	4.35	435.00
5	Rock Per Ton	10.65	53.25
Total Material and Other			1,079.81
1	Permit	60.00	60.00*
1	Dump Fee	70.00	70.00*

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SALE AMOUNT

TOTAL

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MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172120

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/23/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

1	Trench Safety and Protection			75.00	75.00*	
1	Compactor Usage			45.00	45.00*	
1	Skidsteer Per Day			350.00	350.00*	
1	Mini-Excavator Per Day			350.00	350.00*	
1	Dump Truck Per Day			350.00	350.00*	
80	Bore @ \$25.00 Per Foot			25.00	2,000.00*	
17.5	Plumber At \$118.00 Per Hour			118.00	2,065.00*	
2.5	Plumber OT At \$140.00 Per Hour			140.00	350.00*	
13	Operator At \$83.00 Per Hour			83.00	1,079.00*	
1	Operator OT At \$120.00 Per Hour			120.00	120.00*	
19.5	Laborer with Service Truck @ \$89.00 Per Hour			89.00	1,735.50*	
1.5	Laborer with Service Truck OT @ \$108.00 Per Hour			108.00	162.00*	
	Total Labor				8,811.50	

* means item is non-taxable

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SALE AMOUNT	9,891.31
8.11% Tax	87.57
TOTAL	\$9,978.88

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MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172121

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/23/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

26 Arundel

To furnish labor and material to replace lead water service to house.

1	1" Flared Angle Stop	53.56	53.56
1	1" Copper M - FIP Adapter	13.95	13.95
2	1" Copper Fittings (90-45-Couplings)	4.93	9.86
1	1" Copper Reducer / Bushing	6.67	6.67
10	1" Type M Hard Copper	4.42	44.20
1	Usage Of String Solder & Paste	5.51	5.51
2	B-Tank (Usage)	5.51	11.02
1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
1	1" Flared Angle Stop	53.56	53.56
100	1" Type K Soft Copper	4.35	435.00
1	Usage of Quick Plug	16.90	16.90
5	Rock Per Ton	10.65	53.25
Total Material and Other			1,087.45
1	Permit	60.00	60.00*
1	Trench Safety and Protection	75.00	75.00*

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SALE AMOUNT

TOTAL

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 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172121

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/23/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

1	Dump Fee	70.00	70.00*
1	Concrete Saw Per Day	350.00	350.00*
1	Compactor Usage	45.00	45.00*
1	Skidsteer Per Day	350.00	350.00*
1	Mini-Excavator Per Day	350.00	350.00*
1	Dump Truck Per Day	350.00	350.00*
100	Bore @ \$25.00 Per Foot	25.00	2,500.00*
17.5	Plumber At \$118.00 Per Hour	118.00	2,065.00*
2.5	Plumber OT At \$140.00 Per Hour	140.00	350.00*
13	Operator At \$83.00 Per Hour	83.00	1,079.00*
1	Operator OT At \$120.00 Per Hour	120.00	120.00*
19.5	Laborer with Service Truck @ \$89.00 Per Hour	89.00	1,735.50*
1.5	Laborer with Service Truck OT @ \$108.00 Per Hour	108.00	162.00*
Total Labor			9,661.50

* means item is non-taxable

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SALE AMOUNT	10,748.95
8.11% Tax	88.19
TOTAL	\$10,837.14

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MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

invoice

INVOICE NO. 3172122

636-225-0992 314-961-7327

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Arundel Pl,
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC			173017	net due upon receipt	5/23/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

28 Arundel

To furnish labor and material to replace lead water service to house.

1	1" Flared Angle Stop	53.56	53.56
1	1" Copper M - FIP Adapter	13.95	13.95
2	1" Copper Fittings (90-45-Couplings)	4.93	9.86
1	1" Copper Reducing Tee	20.47	20.47
10	1" Type M Hard Copper	4.42	44.20
1	Usage Of String Solder & Paste	5.51	5.51
2	B-Tank (Usage)	5.51	11.02
2	1/2" Brass Cap	3.14	6.28
2	Brass Nipple 1/2x4"	16.58	33.16
1	1" Flared Tee Head	89.58	89.58
1	St. Louis County Stop-Box	32.87	32.87
60	1" Type K Soft Copper	4.35	261.00
1	1" Flared Coupling	27.55	27.55
5	Rock Per Ton	10.65	53.25
Total Material and Other			662.26
1	Permit	60.00	60.00*
1	Dump Fee	70.00	70.00*
40	Bore @ \$25.00 Per Foot	25.00	1,000.00*
1	Trench Safety and Protection	75.00	75.00*

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SALE AMOUNT	
TOTAL	

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 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172122

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC			173017	net due upon receipt	5/23/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

1	Compactor Usage	45.00	45.00*
1	Skidsteer Per Day	350.00	350.00*
1	Mini-Excavator Per Day	350.00	350.00*
1	Dump Truck Per Day	350.00	350.00*
17.5	Plumber At \$118.00 Per Hour	118.00	2,065.00*
2.5	Plumber OT At \$140.00 Per Hour	140.00	350.00*
14	Operator At \$83.00 Per Hour	83.00	1,162.00*
19.5	Laborer with Service Truck @ \$89.00 Per Hour	89.00	1,735.50*
1.5	Laborer with Service Truck OT @ \$108.00 Per Hour	108.00	162.00*
	Total Labor		7,774.50

* means item is non-taxable

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SALE AMOUNT	8,436.76
8.11% Tax	53.71
TOTAL	\$8,490.47

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MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172140

BILL TO:
 Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:
 MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/23/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

35 Arundel

To furnish labor and material to replace lead water service to house.

1	1" Copper Fittings (90-45-Couplings)	4.93	4.93
1	1" Copper Reducer / Bushing	6.67	6.67
1	3/4" Copper Fittings (90-45-Couplings)	3.59	3.59
2	1" Type M Hard Copper	4.42	8.84
1	Usage Of String Solder & Paste	5.51	5.51
2	B-Tank (Usage)	5.51	11.02
1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
1	1" Flared Angle Stop	53.56	53.56
100	1" Type K Soft Copper	4.35	435.00
1	Usage of Quick Plug	16.90	16.90
5	Rock Per Ton	10.65	53.25
Total Material and Other			983.24
1	Permit	60.00	60.00*
1	Trench Safety and Protection	75.00	75.00*

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SALE AMOUNT

TOTAL

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MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172140

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/23/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

1	Dump Fee	70.00	70.00*
1	Compactor Usage	45.00	45.00*
1	Skidsteer Per Day	350.00	350.00*
1	Mini-Excavator Per Day	350.00	350.00*
1	Dump Truck Per Day	350.00	350.00*
80	Bore @ \$25.00 Per Foot	25.00	2,000.00*
20	Plumber At \$118.00 Per Hour	118.00	2,360.00*
2.5	Plumber OT At \$140.00 Per Hour	140.00	350.00*
13.5	Operator At \$83.00 Per Hour	83.00	1,120.50*
1	Operator OT At \$120.00 Per Hour	120.00	120.00*
20	Laborer with Service Truck @ \$89.00 Per Hour	89.00	1,780.00*
1.5	Laborer with Service Truck OT @ \$108.00 Per Hour	108.00	162.00*
	Total Labor		9,192.50

* means item is non-taxable

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SALE AMOUNT	10,175.74
8.11% Tax	79.74
TOTAL	\$10,255.48

SEE REVERSE SIDE FOR LIEN CLAUSE

MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172141

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/23/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

38 Arundel

To furnish labor and material to replace lead water service to house.

1	1" Flared Angle Stop	53.56	53.56
1	1" Copper M - FIP Adapter	13.95	13.95
1	1" Copper Fittings (90-45-Couplings)	4.93	4.93
1	3/4" Male/Female Dialectic Union	11.02	11.02
1	1" Copper Reducer / Bushing	6.67	6.67
1	1" Copper Fittings (St. 90 - St. 45)	17.08	17.08
15	1" Type M Hard Copper	4.42	66.30
1	Usage Of String Solder & Paste	5.51	5.51
2	B-Tank (Usage)	5.51	11.02
1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
1	1" Flared Angle Stop	53.56	53.56
100	1" Type K Soft Copper	4.35	435.00
1	Usage of Quick Plug	16.90	16.90
5	Rock Per Ton	10.65	53.25

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SALE AMOUNT

TOTAL

SEE REVERSE SIDE FOR LIEN CLAUSE

MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172141

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/23/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

				Total Material and Other	1,132.72
1		Permit	60.00		60.00*
1		Dump Fee	70.00		70.00*
1		Trench Safety and Protection	75.00		75.00*
100		Bore @ \$25.00 Per Foot	25.00		2,500.00*
1		Compactor Usage	45.00		45.00*
1		Skidsteer Partial Day	120.00		120.00*
1		Mini-Excavator Per Day	350.00		350.00*
1		Dump Truck Per Day	350.00		350.00*
21.5		Plumber At \$118.00 Per Hour	118.00		2,537.00*
3		Plumber OT At \$140.00 Per Hour	140.00		420.00*
13		Operator At \$83.00 Per Hour	83.00		1,079.00*
2		Operator OT At \$120.00 Per Hour	120.00		240.00*
19.5		Laborer with Service Truck @ \$89.00 Per Hour	89.00		1,735.50*
2		Laborer with Service Truck OT @ \$108.00 Per Hour	108.00		216.00*
				Total Labor	9,797.50

* means item is non-taxable

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SALE AMOUNT	10,930.22
8.11% Tax	91.86
TOTAL	\$11,022.08

SEE REVERSE SIDE FOR LIEN CLAUSE

MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172142

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

40 Arundel
 To furnish labor and material to replace lead water service to house.

1	1" Copper C x C Sleeve / Less Stop	7.03	7.03
1	1" Copper Fittings (90-45-Couplings)	4.93	4.93
2	1" Type M Hard Copper	4.42	8.84
1	Usage Of String Solder & Paste	5.51	5.51
2	B-Tank (Usage)	5.51	11.02
1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
1	1" Flared Angle Stop	53.56	53.56
100	1" Type K Soft Copper	4.35	435.00
1	Usage of Quick Plug	16.90	16.90
5	Rock Per Ton	10.65	53.25
Total Material and Other			980.01
1	Permit	60.00	60.00*
1	Trench Safety and Protection	75.00	75.00*
1	Dump Fee	70.00	70.00*

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SALE AMOUNT

TOTAL

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MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172142

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

1	Compactor Usage	45.00	45.00*
1	Skidsteer Per Day	350.00	350.00*
1	Mini-Excavator Per Day	350.00	350.00*
1	Dump Truck Per Day	350.00	350.00*
100	Bore @ \$25.00 Per Foot	25.00	2,500.00*
17.5	Plumber At \$118.00 Per Hour	118.00	2,065.00*
3	Plumber OT At \$140.00 Per Hour	140.00	420.00*
13	Operator At \$83.00 Per Hour	83.00	1,079.00*
1	Operator OT At \$120.00 Per Hour	120.00	120.00*
19.5	Laborer with Service Truck @ \$89.00 Per Hour	89.00	1,735.50*
1	Laborer with Service Truck OT @ \$108.00 Per Hour	108.00	108.00*
	Total Labor		9,327.50

* means item is non-taxable

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SALE AMOUNT	10,307.51
8.11% Tax	79.48
TOTAL	\$10,386.99

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 Schedule JAM-r6



306 Saint Louis Avenue
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636-225-0992 314-961-7327

invoice

INVOICE NO. 3172143

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

44 Arundel

To furnish labor and material to replace lead water service to house.

1	1" Flared Angle Stop	53.56	53.56
1	1" Copper M - FIP Adapter	13.95	13.95
2	1" Copper Fittings (90-45-Couplings)	4.93	9.86
1	1" Copper Fittings (St. 90 - St. 45)	17.08	17.08
1	1/2" Plug (Square Head)	9.80	9.80
10	1" Type M Hard Copper	4.42	44.20
1	Usage Of String Solder & Paste	5.51	5.51
2	B-Tank (Usage)	5.51	11.02
1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	Meter Cover or Lid	50.46	50.46
1	Fibre Meter Box	96.25	96.25
1	St. Louis County Stop-Box	32.87	32.87
1	1" Flared Angle Stop	53.56	53.56
100	1" Type K Soft Copper	4.35	435.00
1	Usage of Quick Plug	16.90	16.90
5	Rock Per Ton	10.65	53.25
Total Material and Other			1,107.66

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SALE AMOUNT

TOTAL

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306 Saint Louis Avenue
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636-225-0992 314-961-7327

invoice

INVOICE NO. 3172143

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

1	Permit	60.00	60.00*
1	Dump Fee	70.00	70.00*
1	Trench Safety and Protection	75.00	75.00*
1	Compactor Usage	45.00	45.00*
100	Bore @ \$25.00 Per Foot	25.00	2,500.00*
1	Skidsteer Per Day	350.00	350.00*
1	Mini-Excavator Per Day	350.00	350.00*
1	Dump Truck Per Day	350.00	350.00*
22	Plumber At \$118.00 Per Hour	118.00	2,596.00*
3	Plumber OT At \$140.00 Per Hour	140.00	420.00*
13.5	Operator At \$83.00 Per Hour	83.00	1,120.50*
1	Operator OT At \$120.00 Per Hour	120.00	120.00*
20	Laborer with Service Truck @ \$89.00 Per Hour	89.00	1,780.00*
1.5	Laborer with Service Truck OT @ \$108.00 Per Hour	108.00	162.00*
	Total Labor		9,998.50

* means item is non-taxable

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SALE AMOUNT	11,106.16
8.11% Tax	89.83
TOTAL	\$11,195.99

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 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172144

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

46 Arundel

To furnish labor and material to replace lead water service to house.

1	1" Flared Angle Stop	53.56	53.56
1	1" Copper M - FIP Adapter	13.95	13.95
1	1" Copper Fittings (90-45-Couplings)	4.93	4.93
1	3/4" Copper Fittings (St. 90 - St. 45)	5.19	5.19
1	1" Copper Reducer / Bushing	6.67	6.67
10	1" Type M Hard Copper	4.42	44.20
2	3/4" Copper Fittings (90-45-Couplings)	3.59	7.18
5	3/4" Type M Hard Copper	2.69	13.45
1	Usage Of String Solder & Paste	5.51	5.51
2	B-Tank (Usage)	5.51	11.02
1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	1" Flared Coupling	27.55	27.55
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
1	1" Flared Angle Stop	53.56	53.56
100	1" Type K Soft Copper	4.35	435.00
1	Usage of Quick Plug	16.90	16.90

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SALE AMOUNT

TOTAL

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306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172144

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

5	Rock Per Ton	10.65	53.25
	Total Material and Other		1,135.89
1	Permit	60.00	60.00*
1	Dump Fee	70.00	70.00*
1	Concrete Saw Per Day	350.00	350.00*
1	Trench Safety and Protection	75.00	75.00*
1	Skidsteer Per Day	350.00	350.00*
1	Mini-Excavator Per Day	350.00	350.00*
1	Dump Truck Per Day	350.00	350.00*
1	Compactor Usage	45.00	45.00*
100	Bore @ \$25.00 Per Foot	25.00	2,500.00*
18.5	Plumber At \$118.00 Per Hour	118.00	2,183.00*
1.5	Plumber OT At \$140.00 Per Hour	140.00	210.00*
10	Operator At \$83.00 Per Hour	83.00	830.00*
1.5	Operator OT At \$120.00 Per Hour	120.00	180.00*
16	Laborer with Service Truck @ \$89.00 Per Hour	89.00	1,424.00*
1.5	Laborer with Service Truck OT @ \$108.00 Per Hour	108.00	162.00*
	Total Labor		9,139.00

* means item is non-taxable

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SALE AMOUNT	10,274.89
8.11 1/2% Tax	92.12
TOTAL	\$10,367.01

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 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172145

BILL TO:
 Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:
 MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

48 Arundel

To furnish labor and material to replace lead water service to house.

1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
2	1" Flared Angle Stop	53.56	107.12
100	1" Type K Soft Copper	4.35	435.00
1	Usage of Quick Plug	16.90	16.90
2	B-Tank (Usage)	5.51	11.02
1	1" Copper M - FIP Adapter	13.95	13.95
3	1" Copper Fittings (90-45-Couplings)	4.93	14.79
1	1" Copper Reducing Tee	20.47	20.47
10	1" Type M Hard Copper	4.42	44.20
2	1/2" Plug (Square Head)	9.80	19.60
1	Usage Of String Solder & Paste	5.51	5.51
1	Universal Slider Brackets	7.40	7.40
4	Drywall Screw	0.33	1.32
5	Rock Per Ton	10.65	53.25
Total Material and Other			1,134.50

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SALE AMOUNT	
TOTAL	

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 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

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invoice

INVOICE NO. 3172145

BILL TO:
 Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:
 MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

1	Permit	60.00	60.00*
1	Trench Safety and Protection	75.00	75.00*
1	Dump Fee	70.00	70.00*
1	Concrete Saw Per Day	350.00	350.00*
1	Compactor Usage	45.00	45.00*
1	Skidsteer Per Day	350.00	350.00*
1	Mini-Excavator Per Day	350.00	350.00*
1	Dump Truck Per Day	350.00	350.00*
100	Bore @ \$25.00 Per Foot	25.00	2,500.00*
21.5	Plumber At \$118.00 Per Hour	118.00	2,537.00*
2.5	Plumber OT At \$140.00 Per Hour	140.00	350.00*
13	Operator At \$83.00 Per Hour	83.00	1,079.00*
1	Operator OT At \$120.00 Per Hour	120.00	120.00*
19.5	Laborer with Service Truck @ \$89.00 Per Hour	89.00	1,735.50*
1.5	Laborer with Service Truck OT @ \$108.00 Per Hour	108.00	162.00*
	Total Labor		10,133.50

* means item is non-taxable

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SALE AMOUNT	11,268.00
8.11% Tax	92.01
TOTAL	\$11,360.01

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 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172146

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

51 Arundel

To furnish labor and material to replace lead water service to house.

1	1" Flared Angle Stop	53.56	53.56
1	1" Copper M - FIP Adapter	13.95	13.95
1	1" Copper Fittings (90-45-Couplings)	4.93	4.93
1	1" Copper Reducing Tee	20.47	20.47
1	3/4" Boiler Drain / Hose Bibb	12.36	12.36
1	3/4" Plug (Square Head)	11.49	11.49
1	1" Mickey Hanger	0.92	0.92
2	Drywall Screw	0.33	0.66
10	1" Type M Hard Copper	4.42	44.20
1	Usage Of String Solder & Paste	5.51	5.51
2	B-Tank (Usage)	5.51	11.02
1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	1-1/4" Flared Coupling	79.76	79.76
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
1	1" Flared Angle Stop	53.56	53.56
100	1" Type K Soft Copper	4.35	435.00
1	Usage of Quick Plug	16.90	16.90
5	Rock Per Ton	10.65	53.25

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SALE AMOUNT	
TOTAL	

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A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

				Total Material and Other	1,201.51
1		Permit	60.00		60.00*
1		Dump Fee	70.00		70.00*
1		Trench Safety and Protection	75.00		75.00*
1		Concrete Saw Per Day	350.00		350.00*
1		Compactor Usage	45.00		45.00*
1		Skidsteer Per Day	350.00		350.00*
1		Mini-Excavator Per Day	350.00		350.00*
1		Dump Truck Per Day	350.00		350.00*
80		Bore @ \$25.00 Per Foot	25.00		2,000.00*
14.5		Plumber At \$118.00 Per Hour	118.00		1,711.00*
1.5		Plumber OT At \$140.00 Per Hour	140.00		210.00*
10		Operator At \$83.00 Per Hour	83.00		830.00*
1.5		Operator OT At \$120.00 Per Hour	120.00		180.00*
16		Laborer with Service Truck @ \$89.00 Per Hour	89.00		1,424.00*
1.5		Laborer with Service Truck OT @ \$108.00 Per Hour	108.00		162.00*
				Total Labor	8,167.00

* means item is non-taxable

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SALE AMOUNT	9,368.51
8.11% Tax	97.44
TOTAL	\$9,465.95

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306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

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invoice

INVOICE NO. 3172147

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

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CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

54 Arundel

To furnish labor and material to replace lead water service to house.

1	1" Flared Angle Stop	53.56	53.56
1	1" Copper M - FIP Adapter	13.95	13.95
2	1" Copper Fittings (90-45-Couplings)	4.93	9.86
1	1" Copper Reducing Tee	20.47	20.47
1	1" Copper Fittings (St. 90 - St. 45)	17.08	17.08
12	1" Type M Hard Copper	4.42	53.04
1	Universal Slider Brackets	7.40	7.40
1	3/4" Plug (Square Head)	11.49	11.49
4	Drywall Screw	0.33	1.32
1	Usage Of String Solder & Paste	5.51	5.51
2	B-Tank (Usage)	5.51	11.02
1	3/4" Shark Bite Cap	7.36	7.36
1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	1" Flared Coupling	27.55	27.55
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
1	1" Flared Angle Stop	53.56	53.56
100	1" Type K Soft Copper	4.35	435.00

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SALE AMOUNT

TOTAL

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306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172147

BILL TO:
 Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:
 MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

1	Usage of Quick Plug	16.90	16.90
5	Rock Per Ton	10.65	53.25
	Total Material and Other		1,182.29
1	Permit	60.00	60.00*
1	Trench Safety and Protection	75.00	75.00*
1	Dump Fee	70.00	70.00*
1	Compactor Usage	45.00	45.00*
1	Skidsteer Per Day	350.00	350.00*
1	Mini-Excavator Per Day	350.00	350.00*
1	Dump Truck Per Day	350.00	350.00*
100	Bore @ \$25.00 Per Foot	25.00	2,500.00*
14.5	Plumber At \$118.00 Per Hour	118.00	1,711.00*
1.5	Plumber OT At \$140.00 Per Hour	140.00	210.00*
10	Operator At \$83.00 Per Hour	83.00	830.00*
1.5	Operator OT At \$120.00 Per Hour	120.00	180.00*
16	Laborer with Service Truck @ \$89.00 Per Hour	89.00	1,424.00*
1.5	Laborer with Service Truck OT @ \$108.00 Per Hour	108.00	162.00*
	Total Labor		8,317.00

* means item is non-taxable

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SALE AMOUNT	9,499.29
8.11% Tax	95.88
TOTAL	\$9,595.17

SEE REVERSE SIDE FOR LIEN CLAUSE

MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172148

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

55 Arundel
 To furnish labor and material to replace lead water service to house.

1	1" Flared Angle Stop	53.56	53.56
1	1" Copper M - FIP Adapter	13.95	13.95
3	1" Copper Fittings (90-45-Couplings)	4.93	14.79
3	1" Copper Fittings (St. 90 - St. 45)	17.08	51.24
1	1" Copper Reducing Tee	20.47	20.47
10	1" Type M Hard Copper	4.42	44.20
1	1" Mickey Hanger	0.92	0.92
2	Drywall Screw	0.33	0.66
2	1/2" Plug (Square Head)	9.80	19.60
2	B-Tank (Usage)	5.51	11.02
1	Usage Of String Solder & Paste	5.51	5.51
1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	1" Flared Coupling	27.55	27.55
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
1	1" Flared Angle Stop	53.56	53.56
100	1" Type K Soft Copper	4.35	435.00
1	Usage of Quick Plug	16.90	16.90

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SALE AMOUNT	
TOTAL	

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306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172148

BILL TO:
 Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:
 MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

5	Rock Per Ton	10.65	53.25
	Total Material and Other		1,206.15
1	Permit	60.00	60.00*
1	Trench Safety and Protection	75.00	75.00*
1	Dump Fee	70.00	70.00*
1	Compactor Usage	45.00	45.00*
1	Skidsteer Per Day	350.00	350.00*
1	Mini-Excavator Per Day	350.00	350.00*
1	Dump Truck Per Day	350.00	350.00*
80	Bore @ \$25.00 Per Foot	25.00	2,000.00*
14.5	Plumber At \$118.00 Per Hour	118.00	1,711.00*
1.5	Plumber OT At \$140.00 Per Hour	140.00	210.00*
10	Operator At \$83.00 Per Hour	83.00	830.00*
1.5	Operator OT At \$120.00 Per Hour	120.00	180.00*
16	Laborer with Service Truck @ \$89.00 Per Hour	89.00	1,424.00*
1.5	Laborer with Service Truck OT @ \$108.00 Per Hour	108.00	162.00*
	Total Labor		7,817.00

* means item is non-taxable

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SALE AMOUNT	9,023.15
8.11 % Tax	97.82
TOTAL	\$9,120.97

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MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172149

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

57 Arundel

To furnish labor and material to replace lead water service to house.

2	1" Flared Angle Stop	53.56	107.12
1	1" Copper M - FIP Adapter	13.95	13.95
4	1" Copper Fittings (90-45-Couplings)	4.93	19.72
1	1" Copper Reducing Tee	20.47	20.47
1	3/4" Copper Fittings (90-45-Couplings)	3.59	3.59
1	3/4" Male/Female Dialectic Union	11.02	11.02
20	1" Type M Hard Copper	4.42	88.40
5	3/4" Type M Hard Copper	2.69	13.45
1	Usage Of String Solder & Paste	5.51	5.51
1	B-Tank (Usage)	5.51	5.51
1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
90	1" Type K Soft Copper	4.35	391.50
1	Usage of Quick Plug	16.90	16.90
5	Rock Per Ton	10.65	53.25

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SALE AMOUNT	
TOTAL	

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MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172149

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

				Total Material and Other	1,134.36
1		Permit	60.00		60.00*
1		Trench Safety and Protection	75.00		75.00*
1		Dump Fee	70.00		70.00*
1		Compactor Usage	45.00		45.00*
1		Skidsteer Per Day	350.00		350.00*
1		Mini-Excavator Per Day	350.00		350.00*
1		Dump Truck Per Day	350.00		350.00*
80		Bore @ \$25.00 Per Foot	25.00		2,000.00*
15.25		Plumber At \$118.00 Per Hour	118.00		1,799.50*
1		Plumber OT At \$140.00 Per Hour	140.00		140.00*
8		Operator At \$83.00 Per Hour	83.00		664.00*
1		Operator OT At \$120.00 Per Hour	120.00		120.00*
16		Laborer with Service Truck @ \$89.00 Per Hour	89.00		1,424.00*
1		Laborer with Service Truck OT @ \$108.00 Per Hour	108.00		108.00*
				Total Labor	7,555.50

* means item is non-taxable

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SALE AMOUNT	8,689.86
8.11% Tax	92.00
TOTAL	\$8,781.86

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MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172150

BILL TO:
 Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:
 MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

60 Arundel

To furnish labor and material to replace lead water service to house.

1	1" Flared Angle Stop	53.56	53.56
1	1" Copper M - FIP Adapter	13.95	13.95
3	1" Copper Fittings (90-45-Couplings)	4.93	14.79
7	1" Type M Hard Copper	4.42	30.94
1	Usage Of String Solder & Paste	5.51	5.51
2	B-Tank (Usage)	5.51	11.02
1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
1	1" Flared Angle Stop	53.56	53.56
100	1" Type K Soft Copper	4.35	435.00
1	Usage of Quick Plug	16.90	16.90
5	Rock Per Ton	10.65	53.25
Total Material and Other			1,072.45
1	Permit	60.00	60.00*
1	Trench Safety and Protection	75.00	75.00*
1	Dump Fee	70.00	70.00*

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SALE AMOUNT	
TOTAL	

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 Schedule JAM-r6



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invoice

INVOICE NO. 3172150

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

1	Compactor Usage	45.00	45.00*
80	Bore @ \$25.00 Per Foot	25.00	2,000.00*
16	Plumber At \$118.00 Per Hour	118.00	1,888.00*
2	Plumber OT At \$140.00 Per Hour	140.00	280.00*
6.5	Operator At \$83.00 Per Hour	83.00	539.50*
2	Operator OT At \$120.00 Per Hour	120.00	240.00*
13	Laborer with Service Truck @ \$89.00 Per Hour	89.00	1,157.00*
2	Laborer with Service Truck OT @ \$108.00 Per Hour	108.00	216.00*
Total Labor			6,570.50

* means item is non-taxable

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SALE AMOUNT	7,642.95
8.11% Tax	86.98
TOTAL	\$7,729.93

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306 Saint Louis Avenue
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invoice

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BILL TO:
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 PO Box 5605
 Cherry Hill, NJ 08034

JOB:
 MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

61 Arundel
 To furnish labor and material to replace lead water service to house.

2	1" Flared Angle Stop	53.56	107.12
1	1" Copper M - FIP Adapter	13.95	13.95
2	1" Copper Fittings (90-45-Couplings)	4.93	9.86
1	1" Copper Reducer / Bushing	6.67	6.67
6	1" Type M Hard Copper	4.42	26.52
1	Usage Of String Solder & Paste	5.51	5.51
2	B-Tank (Usage)	5.51	11.02
1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
100	1" Type K Soft Copper	4.35	435.00
1	Usage of Quick Plug	16.90	16.90
5	Rock Per Ton	10.65	53.25
Total Material and Other			1,069.77
1	Permit	60.00	60.00*
1	Dump Fee	70.00	70.00*
1	Compactor Usage	45.00	45.00*

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SALE AMOUNT	
TOTAL	

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306 Saint Louis Avenue
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636-225-0992 314-961-7327

invoice

INVOICE NO. 3172151

BILL TO: Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB: MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

1	Concrete Saw Per Day	350.00	350.00*
1	Skidsteer Per Day	350.00	350.00*
1	Mini-Excavator Per Day	350.00	350.00*
1	Dump Truck Per Day	350.00	350.00*
100	Bore @ \$25.00 Per Foot	25.00	2,500.00*
16	Plumber At \$118.00 Per Hour	118.00	1,888.00*
2	Plumber OT At \$140.00 Per Hour	140.00	280.00*
8.5	Operator At \$83.00 Per Hour	83.00	705.50*
2	Operator OT At \$120.00 Per Hour	120.00	240.00*
15	Laborer with Service Truck @ \$89.00 Per Hour	89.00	1,335.00*
2	Laborer with Service Truck OT @ \$108.00 Per Hour	108.00	216.00*
	Total Labor		8,739.50

* means item is non-taxable

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SALE AMOUNT	9,809.27
8.11% Tax	86.76
TOTAL	\$9,896.03

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 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172152

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB#:

MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

62 Arundel

To furnish labor and material to replace lead water service to house.

2	1" Flared Angle Stop	53.56	107.12
1	1" Copper M - FIP Adapter	13.95	13.95
7	1" Copper Fittings (90-45-Couplings)	4.93	34.51
2	1" Copper Fittings (St. 90 - St. 45)	17.08	34.16
4	Universal Slider Brackets	7.40	29.60
8	Drywall Screw	0.33	2.64
50	1" Type M Hard Copper	4.42	221.00
1	Usage Of String Solder & Paste	5.51	5.51
2	B-Tank (Usage)	5.51	11.02
1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
100	1" Type K Soft Copper	4.35	435.00
1	Usage of Quick Plug	16.90	16.90
5	Rock Per Ton	10.65	53.25
Total Material and Other			1,348.63

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SALE AMOUNT	
TOTAL	

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invoice

INVOICE NO. 3172152

BILL TO:
 Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:
 MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

1	Permit	60.00	60.00*
1	Dump Fee	70.00	70.00*
1	Trench Safety and Protection	75.00	75.00*
1	Compactor Usage	45.00	45.00*
1	Concrete Saw Per Day	350.00	350.00*
1	Skidsteer Per Day	350.00	350.00*
1	Mini-Excavator Per Day	350.00	350.00*
1	Dump Truck Per Day	350.00	350.00*
100	Bore @ \$25.00 Per Foot	25.00	2,500.00*
16	Plumber At \$118.00 Per Hour	118.00	1,888.00*
2	Plumber OT At \$140.00 Per Hour	140.00	280.00*
6.5	Operator At \$83.00 Per Hour	83.00	539.50*
2	Operator OT At \$120.00 Per Hour	120.00	240.00*
13	Laborer with Service Truck @ \$89.00 Per Hour	89.00	1,157.00*
2	Laborer with Service Truck OT @ \$108.00 Per Hour	108.00	216.00*
	Total Labor		8,470.50

* means item is non-taxable

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SALE AMOUNT	9,819.13
8.11% Tax	109.37
TOTAL	\$9,928.50

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 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

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invoice

INVOICE NO. 3172153

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

64 Arundel

To furnish labor and material to replace lead water service to house.

2	1" Flared Angle Stop	53.56	107.12
1	1" Copper M - FIP Adapter	13.95	13.95
2	1" Copper Fittings (90-45-Couplings)	4.93	9.86
1	1" Copper Fittings (St. 90 - St. 45)	17.08	17.08
1	1" Copper Reducer / Bushing	6.67	6.67
10	1" Type M Hard Copper	4.42	44.20
1	Universal Slider Brackets	7.40	7.40
4	Drywall Screw	0.33	1.32
1	Usage Of String Solder & Paste	5.51	5.51
2	B-Tank (Usage)	5.51	11.02
1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	1" Flared Coupling	27.55	27.55
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
100	1" Type K Soft Copper	4.35	435.00
1	Usage of Quick Plug	16.90	16.90
5	Rock Per Ton	10.65	53.25

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SALE AMOUNT

TOTAL

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 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

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invoice

INVOICE NO. 3172153

BILL TO:
 Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:
 MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

				Total Material and Other	1,140.80
1		Permit	60.00		60.00*
1		Dump Fee	70.00		70.00*
1		Trench Safety and Protection	75.00		75.00*
1		Compactor Usage	45.00		45.00*
1		Concrete Saw Per Day	350.00		350.00*
1		Skidsteer Per Day	350.00		350.00*
1		Mini-Excavator Per Day	350.00		350.00*
1		Dump Truck Per Day	350.00		350.00*
100		Bore @ \$25.00 Per Foot	25.00		2,500.00*
14.5		Plumber At \$118.00 Per Hour	118.00		1,711.00*
1.5		Plumber OT At \$140.00 Per Hour	140.00		210.00*
10		Operator At \$83.00 Per Hour	83.00		830.00*
1.5		Operator OT At \$120.00 Per Hour	120.00		180.00*
16.5		Laborer with Service Truck @ \$89.00 Per Hour	89.00		1,468.50*
1.5		Laborer with Service Truck OT @ \$108.00 Per Hour	108.00		162.00*
				Total Labor	8,711.50

* means item is non-taxable

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SALE AMOUNT	9,852.30
8.11% Tax	92.52
TOTAL	\$9,944.82

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MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172155

BILL TO:
 Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:
 MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1981 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

69 Arundel
 To furnish labor and material to replace lead water service to house.

2	1" Flared Angle Stop	53.56	107.12
1	1" Copper M - FIP Adapter	13.95	13.95
2	1" Copper Fittings (90-45-Couplings)	4.93	9.86
1	1" Copper Reducer / Bushing	6.67	6.67
1	3/4" Copper Fittings (90-45-Couplings)	3.59	3.59
1	Brass Nipple 1/2x4"	16.58	16.58
1	1/2" Brass Cap	3.14	3.14
2	Usage Of String Solder & Paste	5.51	11.02
2	B-Tank (Usage)	5.51	11.02
10	1" Type M Hard Copper	4.42	44.20
1	1" Flared Tee Head	89.58	89.58
.1	3/4" Meter Yoke	114.81	114.81
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
90	1" Type K Soft Copper	4.35	391.50
1	Usage of Quick Plug	16.90	16.90
5	Rock Per Ton	10.65	53.25

Total Material and Other 1,072.77

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SALE AMOUNT	
TOTAL	

SEE REVERSE SIDE FOR LIEN CLAUSE

MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172155

BILL TO: Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB: MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

1	Permit	60.00	60.00*
1	Dump Fee	70.00	70.00*
1	Trench Safety and Protection	75.00	75.00*
1	Compactor Usage	45.00	45.00*
80	Bore @ \$25.00 Per Foot	25.00	2,000.00*
1	Skidsteer Per Day	350.00	350.00*
1	Mini-Excavator Per Day	350.00	350.00*
1	Dump Truck Per Day	350.00	350.00*
15.25	Plumber At \$118.00 Per Hour	118.00	1,799.50*
1	Plumber OT At \$140.00 Per Hour	140.00	140.00*
8	Operator At \$83.00 Per Hour	83.00	664.00*
1	Operator OT At \$120.00 Per Hour	120.00	120.00*
16	Laborer with Service Truck @ \$89.00 Per Hour	89.00	1,424.00*
2	Laborer with Service Truck OT @ \$108.00 Per Hour	108.00	216.00*
	Total Labor		7,663.50

* means item is non-taxable

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SALE AMOUNT	8,736.27
8.11% Tax	87.00
TOTAL	\$8,823.27

SEE REVERSE SIDE FOR LIEN CLAUSE

MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992

314-961-7327

invoice

INVOICE NO. 3172156

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

78 Arundel

To furnish labor and material to replace lead water service to house.

2	1" Flared Angle Stop	53.56	107.12
1	1" Copper M - FIP Adapter	13.95	13.95
1	1" Copper Fittings (90-45-Couplings)	4.93	4.93
1	1" Copper Reducer / Bushing	6.67	6.67
1	Usage Of String Solder & Paste	5.51	5.51
2	B-Tank (Usage)	5.51	11.02
5	1" Type M Hard Copper	4.42	22.10
1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
100	1" Type K Soft Copper	4.35	435.00
1	Usage of Quick Plug	16.90	16.90
5	Rock Per Ton	10.65	53.25
Total Material and Other			1,060.42
1	Permit	60.00	60.00*
1	Trench Safety and Protection	75.00	75.00*
1	Dump Fee	70.00	70.00*

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SALE AMOUNT	
TOTAL	

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MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172156

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

1	Compactor Usage	45.00	45.00*
1	Concrete Saw Per Day	350.00	350.00*
1	Skidsteer Per Day	350.00	350.00*
1	Mini-Excavator Per Day	350.00	350.00*
1	Dump Truck Per Day	350.00	350.00*
80	Bore @ \$25.00 Per Foot	25.00	2,000.00*
16	Plumber At \$118.00 Per Hour	118.00	1,888.00*
2	Plumber OT At \$140.00 Per Hour	140.00	280.00*
6.5	Operator At \$83.00 Per Hour	83.00	539.50*
2	Operator OT At \$120.00 Per Hour	120.00	240.00*
13	Laborer with Service Truck @ \$89.00 Per Hour	89.00	1,157.00*
2	Laborer with Service Truck OT @ \$108.00 Per Hour	108.00	216.00*
	Total Labor		7,970.50

* means item is non-taxable

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SALE AMOUNT	9,030.92
8.11% Tax	86.00
TOTAL	\$9,116.92

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MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172158

BILL TO:
 Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:
 MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

81 Arundel

To furnish labor and material to replace lead water service to house.

1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
2	1" Flared Angle Stop	53.56	107.12
90	1" Type K Soft Copper	4.35	391.50
1	Usage of Quick Plug	16.90	16.90
3	1" Copper Fittings (90-45-Couplings)	4.93	14.79
1	B-Tank (Usage)	5.51	5.51
1	Usage Of String Solder & Paste	5.51	5.51
1	1" Copper M - FIP Adapter	13.95	13.95
20	1" Type M Hard Copper	4.42	88.40
1	1" Copper Fittings (St. 90 - St. 45)	17.08	17.08
2	Universal Slider Brackets	7.40	14.80
5	Rock Per Ton	10.65	53.25
Total Material and Other			1,112.78
1	Permit	60.00	60.00*

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SALE AMOUNT	
TOTAL	

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invoice

INVOICE NO. 3172158

BILL TO:
 Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:
 MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

1	Dump Fee	70.00	70.00*
1	Trench Safety and Protection	75.00	75.00*
1	Compactor Usage	45.00	45.00*
80	Bore @ \$25.00 Per Foot	25.00	2,000.00*
1	Skidsteer Per Day	350.00	350.00*
1	Dump Truck Per Day	350.00	350.00*
1	Concrete Saw Per Day	350.00	350.00*
1	Mini-Excavator Per Day	350.00	350.00*
15.25	Plumber At \$118.00 Per Hour	118.00	1,799.50*
1.5	Plumber OT At \$140.00 Per Hour	140.00	210.00*
8	Operator At \$83.00 Per Hour	83.00	664.00*
1	Operator OT At \$120.00 Per Hour	120.00	120.00*
16	Laborer with Service Truck @ \$89.00 Per Hour	89.00	1,424.00*
2	Laborer with Service Truck OT @ \$108.00 Per Hour	108.00	216.00*
	Total Labor		8,083.50

* means item is non-taxable

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SALE AMOUNT	9,196.28
8.11% Tax	90.25
TOTAL	\$9,286.53

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 Schedule JAM-r6



306 Saint Louis Avenue
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invoice

INVOICE NO. 3172159

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

82 Arundel
 To furnish labor and material to replace lead water service to house.

2	1" Flared Angle Stop	53.56	107.12
1	1" Copper M - FIP Adapter	13.95	13.95
3	1" Copper Fittings (90-45-Couplings)	4.93	14.79
10	1" Type M Hard Copper	4.42	44.20
1	Usage Of String Solder & Paste	5.51	5.51
2	B-Tank (Usage)	5.51	11.02
1	Usage of Quick Plug	16.90	16.90
1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
100	1" Type K Soft Copper	4.35	435.00
5	Rock Per Ton	10.65	53.25
Total Material and Other			1,085.71
1	Permit	60.00	60.00*
1	Dump Fee	70.00	70.00*
1	Trench Safety and Protection	75.00	75.00*
1	Compactor Usage	45.00	45.00*

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SALE AMOUNT	
TOTAL	

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 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

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invoice

INVOICE NO. 3172159

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	2

QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
1	Mini-Excavator Per Day	350.00	350.00*
1	Skidsteer Per Day	350.00	350.00*
1	Dump Truck Per Day	350.00	350.00*
80	Bore @ \$25.00 Per Foot	25.00	2,000.00*
16	Plumber At \$118.00 Per Hour	118.00	1,888.00*
2	Plumber OT At \$140.00 Per Hour	140.00	280.00*
6.5	Operator At \$83.00 Per Hour	83.00	539.50*
2	Operator OT At \$120.00 Per Hour	120.00	240.00*
13	Laborer with Service Truck @ \$89.00 Per Hour	89.00	1,157.00*
2	Laborer with Service Truck OT @ \$108.00 Per Hour	108.00	216.00*
	Total Labor		7,620.50

* means item is non-taxable

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SALE AMOUNT	8,706.21
8.11% Tax	88.05
TOTAL	\$8,794.26

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MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172160

BILL TO: Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB: MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

85 Arundel
 To furnish labor and material to replace lead water service to house.

1	1" Flared Angle Stop	53.56	53.56
1	1" Copper M - FIP Adapter	13.95	13.95
2	1" Copper Fittings (90-45-Couplings)	4.93	9.86
1	1" Copper Reducer / Bushing	6.67	6.67
10	1" Type M Hard Copper	4.42	44.20
1	1/2" Plug (Square Head)	9.80	9.80
1	Usage Of String Solder & Paste	5.51	5.51
1	B-Tank (Usage)	5.51	5.51
80	1" Type K Soft Copper	4.35	348.00
1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
5	Rock Per Ton	10.65	53.25
1	Usage of Quick Plug	16.90	16.90
Total Material and Other			951.18
1	Permit	60.00	60.00*
1	Trench Safety and Protection	75.00	75.00*

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SALE AMOUNT	
TOTAL	

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306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992

314-961-7327

invoice

INVOICE NO. 3172160

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

1	Compactor Usage			45.00	45.00*	
1	Concrete Saw Per Day			350.00	350.00*	
1	Mini-Excavator Per Day			350.00	350.00*	
1	Skidsteer Per Day			350.00	350.00*	
80	Bore @ \$25.00 Per Foot			25.00	2,000.00*	
1	Dump Truck Per Day			350.00	350.00*	
12	Plumber At \$118.00 Per Hour			118.00	1,416.00*	
6.5	Plumber OT At \$140.00 Per Hour			140.00	910.00*	
8	Operator At \$83.00 Per Hour			83.00	664.00*	
5.5	Operator OT At \$120.00 Per Hour			120.00	660.00*	
24	Laborer with Service Truck @ \$89.00 Per Hour			89.00	2,136.00*	
12	Laborer with Service Truck OT @ \$108.00 Per Hour			108.00	1,296.00*	
	Total Labor				10,662.00	

* means item is non-taxable

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SALE AMOUNT	11,613.18
8.11% Tax	77.14
TOTAL	\$11,690.32

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MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172161

BILL TO: Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB: MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

86 Arundel

To furnish labor and material to replace lead water service to house.

2	1" Type M Hard Copper	4.42	8.84
2	3/4" Type M Hard Copper	2.69	5.38
1	B-Tank (Usage)	5.51	5.51
1	Usage Of String Solder & Paste	5.51	5.51
1	1" Copper Fittings (90-45-Couplings)	4.93	4.93
1	1" Copper Reducer / Bushing	6.67	6.67
1	1" Copper M - FIP Adapter	13.95	13.95
1	3/4" Copper Fittings (90-45-Couplings)	3.59	3.59
80	1" Type K Soft Copper	4.35	348.00
1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
5	Rock Per Ton	10.65	53.25
1	Usage of Quick Plug	16.90	16.90
Total Material and Other			856.50
1	Permit	60.00	60.00*

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SALE AMOUNT	
TOTAL	

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306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172161

BILL TO:
 Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:
 MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

1	Trench Safety and Protection			75.00	75.00*
1	Dump Fee			70.00	70.00*
60	Bore @ \$25.00 Per Foot			25.00	1,500.00*
1	Compactor Usage			45.00	45.00*
1	Skidsteer Per Day			350.00	350.00*
1	Mini-Excavator Per Day			350.00	350.00*
1	Dump Truck Per Day			350.00	350.00*
20	Plumber At \$118.00 Per Hour			118.00	2,360.00*
2.5	Plumber OT At \$140.00 Per Hour			140.00	350.00*
16	Operator At \$83.00 Per Hour			83.00	1,328.00*
2.5	Operator OT At \$120.00 Per Hour			120.00	300.00*
32	Laborer with Service Truck @ \$89.00 Per Hour			89.00	2,848.00*
3	Laborer with Service Truck OT @ \$108.00 Per Hour			108.00	324.00*
				Total Labor	10,310.00

* means item is non-taxable

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SALE AMOUNT	11,166.50
8.11% Tax	69.46
TOTAL	\$11,235.96

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MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172162

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE -- SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

88 Arundel
 To furnish labor and material to replace lead water service to house.

2	1" Flared Angle Stop	53.56	107.12
1	1" Copper M - FIP Adapter	13.95	13.95
3	1-1/4" Copper Fittings (90-45-Couplings)	13.96	41.88
1	1-1/4" Copper Reducer / Bushing	12.27	12.27
10	1-1/4" Type M Hard Copper	6.51	65.10
2	B-Tank (Usage)	5.51	11.02
1	Usage Of String Solder & Paste	5.51	5.51
1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
1	1" Flared Angle Stop	53.56	53.56
100	1" Type K Soft Copper	4.35	435.00
1	Usage of Quick Plug	16.90	16.90
5	Rock Per Ton	10.65	53.25
Total Material and Other			1,199.53
1	Permit	60.00	60.00*

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SALE AMOUNT	
TOTAL	

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306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172162

BILL TO:
 Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:
 MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

1	Dump Fee	70.00	70.00*
1	Trench Safety and Protection	75.00	75.00*
100	Bore @ \$25.00 Per Foot	25.00	2,500.00*
1	Compactor Usage	45.00	45.00*
1	Skidsteer Per Day	350.00	350.00*
1	Mini-Excavator Per Day	350.00	350.00*
1	Dump Truck Per Day	350.00	350.00*
15.25	Plumber At \$118.00 Per Hour	118.00	1,799.50*
1	Plumber OT At \$140.00 Per Hour	140.00	140.00*
8	Operator At \$83.00 Per Hour	83.00	664.00*
1	Operator OT At \$120.00 Per Hour	120.00	120.00*
16	Laborer with Service Truck @ \$89.00 Per Hour	89.00	1,424.00*
1	Laborer with Service Truck OT @ \$108.00 Per Hour	108.00	108.00*
	Total Labor		8,055.50

* means item is non-taxable

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SALE AMOUNT	9,255.03
8.11% Tax	97.28
TOTAL	\$9,352.31

SEE REVERSE SIDE FOR LIEN CLAUSE

MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172163

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

89 Arundel
 To furnish labor and material to replace lead water service to house.

1	1" Flared Angle Stop	53.56	53.56
1	1" Copper M - FIP Adapter	13.95	13.95
2	1" Copper Fittings (90-45-Couplings)	4.93	9.86
1	3/4" Brass Cap	3.21	3.21
1	1" Copper Reducing Tee	20.47	20.47
10	1" Type M Hard Copper	4.42	44.20
1	Usage Of String Solder & Paste	5.51	5.51
1	B-Tank (Usage)	5.51	5.51
100	1" Type K Soft Copper	4.35	435.00
1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
1	Usage of Quick Plug	16.90	16.90
5	Rock Per Ton	10.65	53.25
Total Material and Other			1,045.39
1	Permit	60.00	60.00*
1	Dump Fee	70.00	70.00*

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SALE AMOUNT	
TOTAL	

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MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172163

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

1	Trench Safety and Protection			75.00	75.00*
1	Compactor Usage			45.00	45.00*
80	Bore @ \$25.00 Per Foot			25.00	2,000.00*
1	Mini-Excavator Per Day			350.00	350.00*
1	Skidsteer Per Day			350.00	350.00*
1	Dump Truck Per Day			350.00	350.00*
12.5	Plumber At \$118.00 Per Hour			118.00	1,475.00*
6.5	Plumber OT At \$140.00 Per Hour			140.00	910.00*
8	Operator At \$83.00 Per Hour			83.00	664.00*
5.5	Operator OT At \$120.00 Per Hour			120.00	660.00*
20	Laborer with Service Truck @ \$89.00 Per Hour			89.00	1,780.00*
10	Laborer with Service Truck OT @ \$108.00 Per Hour			108.00	1,080.00*
	Total Labor				9,869.00

* means item is non-taxable

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SALE AMOUNT	10,914.39
8.11% Tax	84.78
TOTAL	\$10,999.17

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MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172172

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

96 Arundel

To furnish labor and material to replace lead water service to house.

1	1" Flared Angle Stop	53.56	53.56
1	1" Copper M - FIP Adapter	13.95	13.95
1	3/4" Copper Reducing Tee	7.79	7.79
2	3/4" Copper Fittings (90-45-Couplings)	3.59	7.18
1	3/4" Copper M - FIP Adapter	5.63	5.63
1	3/4" Sweat Full Port Ball Valve	29.79	29.79
1	1/2" Boiler Drain / Hose Bibb	11.11	11.11
4	1" Copper Fittings (90-45-Couplings)	4.93	19.72
1	1" Female Dielectric Union	4.00	4.00
1	Galvanized Steel Pipe Nipple 3/4" x 4"	2.64	2.64
5	3/4" Type M Hard Copper	2.69	13.45
20	1" Type M Hard Copper	4.42	88.40
2	Large Touch-Down	3.15	6.30
2	1" Mickey Hanger	0.92	1.84
2	1/2" Mickey Hanger	0.71	1.42
12	Drywall Screw	0.33	3.96
2	B-Tank (Usage)	5.51	11.02
2	Usage Of String Solder & Paste	5.51	11.02

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SALE AMOUNT

TOTAL

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MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172172

BILL TO:
 Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:
 MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
1	1" Flared Angle Stop	53.56	53.56
100	1" Type K Soft Copper	4.35	435.00
1	Usage of Quick Plug	16.90	16.90
1	1" Copper Fittings (90-45-Couplings)	4.93	4.93
10	Rock Per Ton	10.65	106.50
Total Material and Other			1,293.64
1	Permit	60.00	60.00*
2	Dump Fee	70.00	140.00*
1	Trench Safety and Protection	75.00	75.00*
1	Compactor Usage	45.00	45.00*
100	Bore @ \$25.00 Per Foot	25.00	2,500.00*
1	Skidsteer Per Day	350.00	350.00*
1	Dump Truck Per Day	350.00	350.00*
1	Mini-Excavator Per Day	350.00	350.00*
15.5	Plumber At \$118.00 Per Hour	118.00	1,829.00*
11	Operator At \$83.00 Per Hour	83.00	913.00*
22	Laborer with Service Truck @ \$89.00 Per Hour	89.00	1,958.00*
Total Labor			8,570.00

* means item is non-taxable

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SALE AMOUNT	9,863.64
8.11% Tax	104.91
TOTAL	\$9,968.55

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MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172173

BILL TO: Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB: MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

98 Arundel

To furnish labor and material to replace lead water service to house.

1	1" Flared Tee Head	89.58	89.58
1	1" Flared Coupling	27.55	27.55
1	St. Louis County Stop-Box	32.87	32.87
50	1" Type K Soft Copper	4.35	217.50
5	Rock Per Ton	10.65	53.25
Total Material and Other			420.75
1	Dump Fee	70.00	70.00*
1	Trench Safety and Protection	75.00	75.00*
1	Compactor Usage	45.00	45.00*
1	Skidsteer Per Day	350.00	350.00*
1	Mini-Excavator Per Day	350.00	350.00*
30	Bore @ \$25.00 Per Foot	25.00	750.00*
2	Plumber At \$118.00 Per Hour	118.00	236.00*
12	Laborer with Service Truck @ \$89.00 Per Hour	89.00	1,068.00*
8	Operator At \$83.00 Per Hour	83.00	664.00*
Total Labor			3,608.00

* means item is non-taxable

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SALE AMOUNT	4,028.75
8.11% Tax	34.12
TOTAL	\$4,062.87

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MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172174

BILL TO:
 Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:
 MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

100 Arundel

To furnish labor and material to replace lead water service to house.

1	1" Flared Tee Head	89.58	89.58
1	1" Flared Coupling	27.55	27.55
1	St. Louis County Stop-Box	32.87	32.87
50	1" Type K Soft Copper	4.35	217.50
5	Rock Per Ton	10.65	53.25
Total Material and Other			420.75
1	Trench Safety and Protection	75.00	75.00*
1	Concrete Saw Per Day	350.00	350.00*
1	Compactor Usage	45.00	45.00*
1	Skidsteer Per Day	350.00	350.00*
1	Mini-Excavator Per Day	350.00	350.00*
1	Dump Truck Per Day	350.00	350.00*
40	Bore @ \$25.00 Per Foot	25.00	1,000.00*
2	Plumber At \$118.00 Per Hour	118.00	236.00*
12	Laborer with Service Truck @ \$89.00 Per Hour	89.00	1,068.00*
8	Operator At \$83.00 Per Hour	83.00	664.00*
Total Labor			4,488.00

* means item is non-taxable

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SALE AMOUNT	4,908.75
8.11% Tax	34.12
TOTAL	\$4,942.87

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MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172175

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

101 Arundel
 To furnish labor and material to replace lead water service to house.

1	1" Flared Angle Stop	53.56	53.56
1	1" Copper M - FIP Adapter	13.95	13.95
1	Galvanized Steel Pipe Nipple 1/2" x 4"	2.14	2.14
3	1" Copper Fittings (90-45-Couplings)	4.93	14.79
1	Cap 1/2" Galvanized	5.05	5.05
1	1" Female Dielectric Union	4.00	4.00
1	Galvanized Steel Pipe Nipple 1" x Close	2.33	2.33
10	1" Type M Hard Copper	4.42	44.20
1	Usage Of String Solder & Paste	5.51	5.51
1	B-Tank (Usage)	5.51	5.51
100	1" Type K Soft Copper	4.35	435.00
1	St. Louis County Stop-Box	32.87	32.87
1	Meter Cover or Lid	50.46	50.46
1	Fibre Meter Box	96.25	96.25
1	3/4" Meter Yoke	114.81	114.81
1	1" Flared Tee Head	89.58	89.58
1	Usage of Quick Plug	16.90	16.90
5	Rock Per Ton	10.65	53.25

Total Material and Other 1,040.16

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SALE AMOUNT	
TOTAL	

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MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172175

BILL TO:
 Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:
 MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

1	Permit	60.00	60.00*
1	Dump Fee	70.00	70.00*
1	Trench Safety and Protection	75.00	75.00*
1	Compactor Usage	45.00	45.00*
80	Bore @ \$25.00 Per Foot	25.00	2,000.00*
1	Skidsteer Per Day	350.00	350.00*
1	Mini-Excavator Per Day	350.00	350.00*
1	Dump Truck Per Day	350.00	350.00*
16	Plumber At \$118.00 Per Hour	118.00	1,888.00*
3	Plumber OT At \$140.00 Per Hour	140.00	420.00*
8	Operator At \$83.00 Per Hour	83.00	664.00*
3	Operator OT At \$120.00 Per Hour	120.00	360.00*
12	Laborer with Service Truck @ \$89.00 Per Hour	89.00	1,068.00*
1.5	Laborer with Service Truck OT @ \$108.00 Per Hour	108.00	162.00*
	Total Labor		7,862.00

* means item is non-taxable

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SALE AMOUNT	8,902.16
8.11% Tax	84.36
TOTAL	\$8,986.52

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MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172176

BILL TO:

Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:

MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

104 Arundel
 To furnish labor and material to replace lead water service to house.

3	3/4" Type M Hard Copper	2.69	8.07
3	1" Type M Hard Copper	4.42	13.26
1	1" Copper Fittings (90-45-Couplings)	4.93	4.93
1	1" Copper Reducer / Bushing	6.67	6.67
1	3/4" Copper Fittings (90-45-Couplings)	3.59	3.59
1	3/4" MIP Dielectric	7.64	7.64
1	3/4" Plug (Square Head)	3.21	3.21
1	Sawzall Blades	4.58	4.58
1	B-Tank (Usage)	5.51	5.51
1	Usage Of String Solder & Paste	5.51	5.51
1	Usage Of Teflon Tape	0.88	0.88
1	Usage Of Teflon Pipe Dope	0.88	0.88
1	1" Copper M - FIP Adapter	13.95	13.95
100	1" Type K Soft Copper	4.35	435.00
1	St. Louis County Stop-Box	32.87	32.87
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
5	Rock Per Ton	10.65	53.25

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SALE AMOUNT

TOTAL

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MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172176

BILL TO:
 Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:
 MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/24/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

1	Usage of Quick Plug			16.90	16.90
				Total Material and Other	967.80
1	Permit			60.00	60.00*
1	Dump Fee			70.00	70.00*
1	Trench Safety and Protection			75.00	75.00*
1	Compactor Usage			45.00	45.00*
100	Bore @ \$25.00 Per Foot			25.00	2,500.00*
1	Skidsteer Per Day			350.00	350.00*
1	Mini-Excavator Per Day			350.00	350.00*
1	Dump Truck Per Day			350.00	350.00*
12	Plumber At \$118.00 Per Hour			118.00	1,416.00*
2.25	Plumber OT At \$140.00 Per Hour			140.00	315.00*
8	Operator At \$83.00 Per Hour			83.00	664.00*
2.25	Operator OT At \$120.00 Per Hour			120.00	270.00*
16	Laborer with Service Truck @ \$89.00 Per Hour			89.00	1,424.00*
4	Laborer with Service Truck OT @ \$108.00 Per Hour			108.00	432.00*
				Total Labor	8,321.00

* means item is non-taxable

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SALE AMOUNT	9,288.80
8.11% Tax	78.49
TOTAL	\$9,367.29

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MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172177

BILL TO:
 Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:
 MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/25/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

105 Arundel
 To furnish labor and material to replace lead water service to house.

1	1" Flared Angle Stop	53.56	53.56
1	1" Copper M - FIP Adapter	13.95	13.95
3	1" Copper Fittings (90-45-Couplings)	4.93	14.79
1	1" C x C Copper Tee	20.40	20.40
1	1" Female Dialectic Union	4.00	4.00
1	Galvanized Steel Pipe Nipple 3/8" x 4"	3.14	3.14
1	1/2" Brass Cap	3.14	3.14
1	Brass Nipple 1/2x4"	16.58	16.58
20	1" Type M Hard Copper	4.42	88.40
1	B-Tank (Usage)	5.51	5.51
1	Usage Of String Solder & Paste	5.51	5.51
80	1" Type K Soft Copper	4.35	348.00
1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
5	Rock Per Ton	10.65	53.25
1	Usage of Quick Plug	16.90	16.90

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SALE AMOUNT	
TOTAL	

SEE REVERSE SIDE FOR LIEN CLAUSE



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

invoice

INVOICE NO. 3172177

636-225-0992 314-961-7327

BILL TO:
 Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:
 MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/25/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

				Total Material and Other	1,031.10
1		Permit	60.00		60.00*
1		Dump Fee	70.00		70.00*
1		Trench Safety and Protection	75.00		75.00*
1		Compactor Usage	45.00		45.00*
80		Bore @ \$25.00 Per Foot	25.00		2,000.00*
1		Skidsteer Per Day	350.00		350.00*
1		Mini-Excavator Per Day	350.00		350.00*
1		Dump Truck Per Day	350.00		350.00*
16.5		Plumber At \$118.00 Per Hour	118.00		1,947.00*
8		Operator At \$83.00 Per Hour	83.00		664.00*
16		Laborer with Service Truck @ \$89.00 Per Hour	89.00		1,424.00*
				Total Labor	7,335.00

* means item is non-taxable

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SALE AMOUNT	8,366.10
8.11% Tax	83.62
TOTAL	\$8,449.72

SEE REVERSE SIDE FOR LIEN CLAUSE

MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

636-225-0992 314-961-7327

invoice

INVOICE NO. 3172178

BILL TO:
 Missouri American Water Co
 PO Box 5605
 Cherry Hill, NJ 08034

JOB:
 MAWC - Arundel Pl.
 PO#: 5000071240
 Clayton, MO 63105

A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/25/17	1
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

109 Arundel

To furnish labor and material to replace lead water service to house.

1	1" Flared Angle Stop	53.56	53.56
1	1" Copper M - FIP Adapter	13.95	13.95
1	1" Copper Fittings (90-45-Couplings)	4.93	4.93
1	1" Copper Fittings (St. 90 - St. 45)	17.08	17.08
1	1" Copper Reducing Tee	20.47	20.47
1	3/4" Male/Female Dialectic Union	11.02	11.02
1	Usage Of String Solder & Paste	5.51	5.51
1	B-Tank (Usage)	5.51	5.51
5	1" Type M Hard Copper	4.42	22.10
1	1/2" Brass Cap	3.14	3.14
1	Brass Nipple 1/2x4"	16.58	16.58
100	1" Type K Soft Copper	4.35	435.00
1	1" Flared Tee Head	89.58	89.58
1	3/4" Meter Yoke	114.81	114.81
1	Fibre Meter Box	96.25	96.25
1	Meter Cover or Lid	50.46	50.46
1	St. Louis County Stop-Box	32.87	32.87
1	Usage of Quick Plug	16.90	16.90

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SALE AMOUNT

TOTAL

SEE REVERSE SIDE FOR LIEN CLAUSE

MAWC southwest operations
 Schedule JAM-r6



306 Saint Louis Avenue
 VALLEY PARK, MISSOURI 63088

invoice

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A COMPLETE PLUMBING SERVICE ~ SINCE 1951 ~ REPAIRS ~ REMODELING ~ RESIDENTIAL ~ COMMERCIAL ~ DESIGN/BUILD

CUSTOMER	PURCHASE ORDER NO.	SERVICE TECH.	JOB#	TERMS	INVOICE DATE	PAGE
MAWC		MAWC	173017	net due upon receipt	5/25/17	2
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	

				Total Material and Other	1,009.72
1		Permit	60.00	60.00*	
1		Trench Safety and Protection	75.00	75.00*	
1		Compactor Usage	45.00	45.00*	
1		Dump Fee	70.00	70.00*	
80		Bore @ \$25.00 Per Foot	25.00	2,000.00*	
1		Skidsteer Per Day	350.00	350.00*	
1		Mini-Excavator Per Day	350.00	350.00*	
1		Dump Truck Per Day	350.00	350.00*	
16		Plumber At \$118.00 Per Hour	118.00	1,888.00*	
3		Plumber OT At \$140.00 Per Hour	140.00	420.00*	
8		Operator At \$83.00 Per Hour	83.00	664.00*	
3		Operator OT At \$120.00 Per Hour	120.00	360.00*	
18		Laborer with Service Truck @ \$89.00 Per Hour	89.00	1,602.00*	
0.5		Laborer with Service Truck OT @ \$108.00 Per Hour	108.00	54.00*	
				Total Labor	8,288.00

* means item is non-taxable

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SALE AMOUNT	9,297.72
8.11% Tax	81.89
TOTAL	\$9,379.61

SEE REVERSE SIDE FOR LIEN CLAUSE

MAWC southwest operations
 Schedule JAM-r6

Exhibit No.:
Issues: Expense/Maintenance
Witness: Jonathan Dallas
Sponsoring Party: MoPSC Staff
Type of Exhibit: Rebuttal Testimony
Case No.: WU-2017-0296
Date Testimony Prepared: August 23, 2017

MISSOURI PUBLIC SERVICE COMMISSION

**COMMISSION STAFF DIVISION
WATER & SEWER DEPARTMENT**

REBUTTAL TESTIMONY

OF

JONATHAN DALLAS

MISSOURI-AMERICAN WATER COMPANY

CASE NO. WU-2017-0296

Jefferson City, Missouri
August 2017

1 **REBUTTAL TESTIMONY**

2 **OF**

3 **JONATHAN DALLAS**

4 **MISSOURI-AMERICAN WATER COMPANY**

5 **CASE NO. WU-2017-0296**

6 Q. Please state your name and business address.

7 A. Jonathan Dallas, P.O. Box 360, Jefferson City, MO 65102.

8 Q. By whom are you employed and in what capacity?

9 A. I work for the Missouri Public Service Commission (Commission) as a Utility
10 Operations Technical Specialist in the Water & Sewer Department (W/S Dept.) in the Utility
11 Operations Division

12 Q. Please briefly describe your job responsibilities.

13 A. One of my primary responsibilities is the inspection of large and small
14 privately owned water and sewer facilities around the state. I prepare a detailed report and
15 memorandum. If the inspection is due to a small company rate request, the memorandum is
16 filed with the Commission as a part of a Disposition Agreement. As part of my inspections,
17 I am also responsible for determining if company projects are prudent and necessary. I am
18 also responsible for responding to customer complaints and working with the customers and
19 companies to resolve issues.

20 Q. What is your educational background?

21 A. I have a Bachelor of Science Degree: Major Construction Management from
22 the University of Central Missouri.

Rebuttal Testimony
Jonathan Dallas

1 Q. What is your previous work experience?

2 A. Before coming to work at the Commission, I worked for the City of Columbia,
3 specifically the Columbia Water & Light Department (Water & Light) where I was employed
4 as an Engineering Aide II. My primary job was a water main inspector. As a water main
5 inspector, I was responsible for making sure contractor crews who were constructing new
6 water mains did so in a manner which met the city's codes and specifications. Prior to
7 working for Water & Light, I worked for Twehous Excavating Company (Twehous) in Taos,
8 Missouri as a labor/operator. At Twehous, I primarily worked on a utility crew which was
9 responsible for replacing old water mains in Jefferson City.

10 Q. Do you have a summary of your education and work experience?

11 A. Yes, please refer to Schedule JD-r1 attached to this testimony for a summary
12 of my education and work experience backgrounds.

13 Q. Have you previously testified before this Commission?

14 A. Yes, I have testified in Case No. WO-2017-0236.

15 Q. What is the purpose of your rebuttal testimony?

16 A. To respond to the testimony of the Office of the Public Counsel (OPC) witness
17 Geoff Marke.

18 Q. Will anyone else from Staff be filing testimony?

19 A. Yes, James Merciel will file testimony addressing MAWC's proposal and
20 OPC's pilot program and Amanda McMellen will address the accounting issues.

21 Q. What is a water service line?

22 A. A water service line is a pipeline through which water flows into a customer's
23 premise whether the premise is a house, a commercial building, or a series of connected

1 living units. The water service line connects a utility-owned water main that is part of a
2 water distribution pipeline system throughout the water utility's service area to a customer's
3 premise. For most customers, the water main is near or under a street.

4 Q. Who owns and controls water service lines?

5 A. In most cases, the water utility owns the portion of the water service line
6 between the water main and a point at or near the property line. At this location, there is
7 often an utility-owned water meter. The remaining portion of the water service line is owned
8 by the customer. However, specific to MAWC's customers in St. Louis County, customers
9 own the entire water service line between the water main and the premise. There are, of
10 course, variations on water main location and meter location. Service lines and water mains
11 are defined in MAWC's tariff, and the tariff includes rules detailing customer and MAWC
12 responsibilities for ownership and maintenance of service lines and portions of service lines.

13 Q. Are water service lines made of any specific material??

14 A. No. The most common material used today is copper. However poly vinyl
15 chloride (PVC) is also rather common, as are a couple of other types of plastic. In past years,
16 galvanized iron was used extensively, as was lead.

17 Q. Do you have any prior experience with Lead Service Lines (LSL)?

18 A. Yes, in my previous job with Twehous, I worked on a utility crew where we
19 frequently performed water main replacements in Jefferson City for Missouri American Water
20 Company ("MAWC" or "Company"). As part of the main replacements, we were responsible
21 for connecting the existing service lines to the new main. Usually the service lines were
22 copper but occasionally we would encounter a LSL.

Rebuttal Testimony
Jonathan Dallas

1 Q. What did you do when you discovered a LSL?

2 A. When a LSL was discovered, during a main replacement project MAWC
3 would insure the LSL was replaced with copper from the meter to the new water main.

4 Q. Why did you only replace the LSL from the main to the meter?

5 A. In the Jefferson City service area, MAWC only owns the service line from the
6 main to the meter or property line. Further, addressing the issue of the potential for lead in
7 drinking water was not as prominent as it is today.

8 Q. Why were LSLs not as big of a concern then?

9 A. Before the Flint Michigan incident, LSLs were not as much of a concern
10 because properly treated noncorrosive water will not leach lead out of customer service lines
11 or other fixtures in the water system. After Flint, Michigan, there was a spotlight on the
12 danger of failures in chemically treating water, which in turn increased conversations
13 nationwide about removing lead pipes to proactively remove risks. This is addressed in the
14 EPA's "Lead and Copper Rule Revisions White Paper" dated October 2016 the first
15 key principle for LCR revisions cited is "Focus on Minimizing Exposure to Lead in
16 Drinking Water."¹

17 Q. Has the Company's policy on LSLs changed?

18 A. Yes, the Company is currently replacing all LSLs it encounters, whether the
19 LSL's are on main replacement projects, main breaks, or service line repairs. The Company is
20 now replacing the full length of the lead service line, both Company and customer portions.

21 Q. Do you agree with this practice?

22 A. Yes, I do.

¹ The EPA White Paper is included with the rebuttal testimony of Staff witness James A. Merciel, Jr.

1 Q. In your opinion, is this a good practice?

2 A. Yes. Based on recent articles and studies from organizations such as the
3 Environmental Protection Agency (EPA), it is suggested that only replacing a portion of a
4 LSL can increase the chance of lead leaching into the water because cutting a LSL can
5 dislodge the scale inside the service line allowing the water to come directly into contact
6 with lead.

7 Q. Are there any specific articles which point this out?

8 A. Yes, in the EPA's "Lead and Copper Rule Revisions White Paper" dated
9 October 2016 the first key principle for LCR revisions cited is "Focus on Minimizing
10 Exposure to Lead in Drinking Water: Improve public health protection by reducing exposure
11 to lead in drinking water to the maximum amount possible through proactive measures to
12 remove sources of lead and educating consumers about the health effects of lead and actions
13 to reduce exposure." EPA goes on to state, in summary, that partial lead service line
14 replacement is not the best way to achieve this goal, as partial lead service line replacement
15 often results in elevated lead readings due to the leaching mechanism, discussed above.

16 Q. What other experience have you had with MAWC and LSLs?

17 A. On August 4, 2017, Mr. Merciel and I visited a MAWC main replacement
18 project in St. Louis County, specifically on Summit Avenue and Eunice Avenue in Webster
19 Groves.

20 Q. Please describe what you witnessed there.

21 A. First, we observed yard and street patches where several LSLs had been
22 replaced. Second, we witnessed a MAWC-hired plumbing contractor installing a new one-
23 inch copper service into place to replace an old LSL.

1 Q. What else did you see?

2 A. Next, we observed a LSL still connected to the old four-inch cast iron water
3 main, which MAWC was replacing with a new eight-inch PVC main. We also saw where
4 MAWC had dug up a service line in a customer's yard to verify it was a LSL. Attached as
5 Schedules JD-r2, JD-r3, and JD-r4 are three pictures depicting this.

6 Q. Can you explain MAWC's process for replacing water mains?

7 A. Yes. Each year, MAWC reviews its records, which show a history of main
8 breaks on a given main, the age of a water main, the frequency of main breaks, any upcoming
9 road improvements such as resurfacing or sidewalk replacement, and the economic impact of
10 replacing a main versus repair. MAWC also looks at where there might be a high probability
11 of LSLs located by looking at "tap cards", which have been integrated into their GIS
12 mapping system.

13 Q. What is a tap card?

14 A. A tap card is piece of paper a utility worker fills out when they connect a
15 customer's service line to a water main. The tap card typically contains a variety of
16 information such as size of the service line, size of the main the service is connected to, type
17 of material the main is constructed of, type of material the service is constructed of, and
18 various other facts like location, approximate depth, the date installed and so on.

19 Q. What is a GIS map?

20 A. GIS stands for Geographic Information System. GIS allows MAWC to view
21 its entire infrastructure with the click of a mouse. The data available to MAWC includes
22 main size, type of main, approximate location, main breaks, location of fittings such as valves,

1 fire hydrants and, elbows. It also allows MAWC to view tap cards, which may or may not
2 have information on the material used to construct the water service.

3 Q. How is MAWC verifying if LSLs are present on a main replacement project?

4 A. During Staff's visit to MAWC's office, MAWC explained before a project
5 begins, it reviews its records and GIS map to identify possible LSLs. During the project
6 MAWC inspects customer service lines at three locations to verify there is no lead present.

7 Q. What is one of the locations MAWC is inspecting to check for a LSL?

8 A. At the site visit, MAWC stated it digs the service line up at the meter pit or
9 curb stop in the customer's yard to verify what material the service line is constructed of.
10 This would be approximately near the middle of the service line. Staff observed one such
11 hole MAWC had excavated. A picture is attached as Schedule JD-r3.

12 Q. What method is MAWC using to expose the service line?

13 A. On the site visit, MAWC stated to Staff that they are using a soft dig method to
14 expose the water service line.

15 Q. Please explain what you mean by "soft dig"?

16 A. Soft dig is an excavation method that utilizes high-pressure water to soften up
17 dirt, which is then vacuumed up by a large vacuum. This method exposes the service line
18 without the potential of breaking them or other buried utilities.

19 Q. What other locations of the service line is MAWC looking at to identify
20 whether or not there is lead present?

21 A. The Company is also meeting with customers to gain entry to their basements
22 to verify what type of water service line is entering their home.

Rebuttal Testimony
Jonathan Dallas

1 Q. What is the last location on the service line the Company is examining?

2 A. When the Company prepares to tie the water service over from the old water
3 main to the new water main, the Company will expose the service line at the old main if it
4 was not previously exposed as the Company installs the new water main.

5 Q. When do you believe it makes the most sense to replace LSLs?

6 A. In my opinion the best time to replace a LSL is during a main replacement
7 project.

8 Q. Why do you believe that is the best time?

9 A. To me it makes the most sense because MAWC will already have both the new
10 water main dug up and the service line so it can be connected to the new main. MAWC is
11 essentially doing half the work during a main replacement. Also as stated above it is believed
12 that if a LSL is disturbed at all, it is the best practice to undertake a full LSL replacement.

13 Q. Does this conclude your testimony?

14 A. Yes, it does.

Jonathan Dallas

EMPLOYMENT:

7/15-Present **State of Missouri, Public Service Commission**

Utility Operations- Technical Specialist, Water and Sewer Department

- Inspected large and small water and sewer facilities around the state.
- Prepared detailed reports and memorandums to be filed with the Commission.
- Responded to customer complaints and worked with the customer and company to resolve them.
- Determined if company expenditures were prudent.

8/13-07/15 **City of Columbia, Water & Light**

Associate Engineering Technician

- Inspected construction of new water mains; public and private.
- Completed accurate as-builts and final inspection reports.
- Performed chlorination, dechlorination, bacteria tests, and pressure tests.
- Used AutoCAD to draw as-builts of completed jobs.
- Used Excel for a chlorination spread sheet.

06/04-08/13 **Twehous Excavating Co.**

Laborer, Operator

- Installed water main, sewer main, and storm drain.
- Installed sewage treatment facilities.
- Repaired water main breaks.

EDUCATION/TRAINING:

8/04-12/08 **University of Central Missouri**

Bachelor of Science Degree, Major: Construction Management

4/2016 **Missouri Department of Natural Resources**

Water Distribution Level I (DSI)

Previously Filed Testimony:

Case No.	Company	Type of Filing	Issue
WO-2017-0236	Ridge Creek Water Company, LLC	Oral	Safe and Adequate Service



An example of a LSL replacement where the water main is on the opposite side of the street from the customer's home. This photograph is in the St. Louis County service area where the customer owns the entire service line.



This picture shows a customer's service line that MAWC has exposed during a water main replacement. MAWC exposed the customer's service line to verify if it is lead. On the left is a short piece of copper which is then connected to a lead service line.



Pictured here is a lead service line connected to an old four-inch cast iron water main, appearing near the top of the picture. The old main is being replaced with a new eight-inch PVC water main, appearing at the bottom of the picture, and the lead pipe portion of the service line will be replaced with new copper pipe.