

Work Order Authorization Information

FILED
April 10, 2019
Data Center
Missouri Public
Service Commission

Header Detail

Work Order: 800083	Company: Spire Missouri Inc.
Work Order Title: Holden Grid Phase 2I	Business Segment: Missouri West
Wo Type Description: WO-Replacement Mains & Svcs MGE	Functional Class: Distribution Plant
Work Order Group:	Department Code: 20638
Current Revision: 1	Department Description: Construction & Maintenance - Region 2B - Unio
Funding Project: F0604	Budget Description: Replace bare steel main - safety re
Funding Project Desc: Main Replacement - ISRS (S)	Est. Annual Revenue:
Eligible for AFUDC yes	Reimbursement Type: None
Eligible for CPI: yes	Retirement Type:
Reason Code: Strategic	
WO Description: Install 4030 Ft of 2 in PL IP main for Holden Phase 2I. Abandon 1951 Ft of 2 in PL, 6163 Ft of 2 in ST, 3809 Ft of 3 in ST main, 350 Ft of 4 in PL main, 710 Ft of 4 in ST main and 1015 Ft of 6 in ST main. FY16 Bare Steel Replacement Program.	
Major Location: 0910-Holden	Status: posted to CPR
Asset Location: 0910-046008 JOHNSON CTY/HOLDEN	
Estimated Start Date: May 31, 2016	Estimated Completion Date: Jul 01, 2016
	Estimated In-Service Date: Jul 01, 2016
Notes: Uprate ~ 2071 Ft of 4 in PL LP main IP main in Olive/ MO-131. Total Service Tie-over =58; Total Service Replacement = 2; Total Service Abandoned = 16; Total Service Upgrade = 17	

Reason for Work (Justification)

Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	4/13/2016
Engineering Review-Dist	Hoferlin, Craig	\$0	4/13/2016
VP Field Operations-MGE	Hampton, Joe	\$500,000	4/13/2016

***** Unit Estimate *****

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
376100-Mains - Steel	\$0.00	\$4,715.78	\$4,715.78	\$0.00	\$0.00
376300-Mains - Plastic	\$183,248.68	\$1,068.70	\$184,317.38	\$0.00	\$0.00
380100-Services - Steel	\$0.00	\$78.31	\$78.31	\$0.00	\$0.00
380200-Services - Plastic & Copper	\$2,063.91	\$1,043.84	\$3,107.75	\$0.00	\$0.00
Total Estimated Costs:	\$185,312.59	\$6,906.63	\$192,219.22	\$0.00	\$0.00

OPC Exhibit No. 204
Date 4-3-19 Reporter TW
File No. G20-2019-0115 +
G20-2019-0114

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***** Unit Estimate *****

Asset Location	Utility Account	Retirement Unit	Est. Chg Type	Addition Dollars	Retirement Dollars	Add Qty	Retire Qty	Add Hrs	Retire Hrs
0910-046008	JOHNSON CTY/HOLDI								
	376300-Mains - Plastic								
	Mains-Plastic 2"								
	Contract Payroll			\$1,961.04	\$32.41	0	0	0	0
	Contractor Work			\$142,608.70	\$360.92	0	0	0	0
	Department Clearings			\$1,176.62	\$19.45	0	0	0	0
	Overheads Capitalized - Benefits			\$1,215.84	\$20.09	0	0	0	0
	Overheads Capitalized - General			\$30,322.47	\$84.93	0	0	0	0
	Payroll Taxes			\$196.10	\$3.24	0	0	0	0
	Retirement Value			\$0.00	\$0.00	0	1951	0	0
	Stores			\$5,767.91	\$10.26	4030	0	0	0
	Mains-Plastic 4"								
	Contract Payroll			\$0.00	\$32.41	0	0	0	0
	Contractor Work			\$0.00	\$360.92	0	0	0	0
	Department Clearings			\$0.00	\$19.45	0	0	0	0
	Overheads Capitalized - Benefits			\$0.00	\$20.09	0	0	0	0
	Overheads Capitalized - General			\$0.00	\$85.95	0	0	0	0
	Payroll Taxes			\$0.00	\$3.24	0	0	0	0
	Retirement Value			\$0.00	\$0.00	0	350	0	0
	Stores			\$0.00	\$15.34	0	0	0	0
	SubTotal Utility Account:			\$183,248.68	\$1,068.70	4,030.00	2,301.00	0.00	0.00
	376100-Mains - Steel								
	Mains-Steel 2"								
	Contract Payroll			\$0.00	\$32.41	0	0	0	0
	Contractor Work			\$0.00	\$721.84	0	0	0	0
	Department Clearings			\$0.00	\$19.45	0	0	0	0
	Overheads Capitalized - Benefits			\$0.00	\$20.09	0	0	0	0
	Overheads Capitalized - General			\$0.00	\$155.06	0	0	0	0
	Payroll Taxes			\$0.00	\$3.24	0	0	0	0
	Retirement Value			\$0.00	\$0.00	0	6163	0	0
	Mains-Steel 3"								
	Contract Payroll			\$0.00	\$32.41	0	0	0	0
	Department Clearings			\$0.00	\$19.45	0	0	0	0
	Overheads Capitalized - Benefits			\$0.00	\$20.09	0	0	0	0
	Overheads Capitalized - General			\$0.00	\$10.70	0	0	0	0
	Payroll Taxes			\$0.00	\$3.24	0	0	0	0
	Retirement Value			\$0.00	\$0.00	0	3609	0	0
	Mains-Steel 4"								
	Contract Payroll			\$0.00	\$61.96	0	0	0	0

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**** Unit Estimate ****

Asset Location						
Utility Account						
Retirement Unit						
Est. Chg Type	Addition Dollars	Retirement Dollars	Add Qty	Retire Qty	Add Hrs	Retire Hrs
0910-046008 JOHNSON CTY/HOLDI						
376100-Mains - Steel						
Mains-Steel 4"						
Contractor Work	\$0.00	\$1,890.88	0	0	0	0
Department Clearings	\$0.00	\$37.18	0	0	0	0
Overheads Capitalized - Benefits	\$0.00	\$38.42	0	0	0	0
Overheads Capitalized - General	\$0.00	\$519.55	0	0	0	0
Payroll Taxes	\$0.00	\$6.20	0	0	0	0
Retirement Value	\$0.00	\$0.00	0	710	0	0
Stores	\$0.00	\$604.62	0	0	0	0
Mains-Steel 6"						
Contract Payroll	\$0.00	\$32.41	0	0	0	0
Contractor Work	\$0.00	\$360.92	0	0	0	0
Department Clearings	\$0.00	\$19.45	0	0	0	0
Overheads Capitalized - Benefits	\$0.00	\$20.09	0	0	0	0
Overheads Capitalized - General	\$0.00	\$82.88	0	0	0	0
Payroll Taxes	\$0.00	\$3.24	0	0	0	0
Retirement Value	\$0.00	\$0.00	0	1015	0	0
SubTotal Utility Account:	\$0.00	\$4,715.78	0.00	11,697.00	0.00	0.00
380200-Services - Plastic & Copper						
Services-Plastic						
Contract Payroll	\$44.62	\$393.90	0	0	0	0
Contractor Work	\$1,621.40	\$0.00	0	0	0	0
Department Clearings	\$26.77	\$236.34	0	0	0	0
Overheads Capitalized - Benefits	\$27.66	\$244.22	0	0	0	0
Overheads Capitalized - General	\$339.00	\$129.99	0	0	0	0
Payroll Taxes	\$4.46	\$39.39	0	0	0	0
Retirement Value	\$0.00	\$0.00	0	90	0	0
Stores	\$0.00	\$0.00	135	0	0	0
SubTotal Utility Account:	\$2,063.91	\$1,043.84	135.00	90.00	0.00	0.00
380100-Services - Steel						
Services-Steel						
Contract Payroll	\$0.00	\$29.55	0	0	0	0
Department Clearings	\$0.00	\$17.73	0	0	0	0
Overheads Capitalized - Benefits	\$0.00	\$18.32	0	0	0	0
Overheads Capitalized - General	\$0.00	\$9.75	0	0	0	0

Work Order Authorization Information

***** Unit Estimate *****

Asset Location						
Utility Account						
Retirement Unit						
Est. Chg Type	Addition Dollars	Retirement Dollars	Add Qty	Retire Qty	Add Hrs	Retire Hrs
0910-046008 JOHNSON CTY/HOLDI						
380100-Services - Steel						
Services-Steel						
Payroll Taxes	\$0.00	\$2.96	0	0	0	0
SubTotal Utility Account:	\$0.00	\$78.31	0.00	0.00	0.00	0.00
SubTotal Location:	\$185,312.59	\$6,906.63	4,165.00	14,088.00	0.00	0.00
Total Unit Estimate:	\$185,312.59	\$6,906.63	4,165	14,088	0	0

***** Class Codes *****

Class Code	Value
cap_expense	capital
ISRS Reason	03 - Bare Steel Replacement
isrs_recov	yes
ohbenefits	yes
ohgen_supv	yes
prod_nonprod	prod
Project Classification	both

***** As-Built *****

Asset Location				
Utility Account				
Exp Type	Retirement Unit	Job task	Dollars	Quantity
Est Charge Type				
Available for Unitization:				
0910-046008 JOHNSON CTY/HOLDEN				
376100-Mains - Steel				
Retirement				
Overheads Capitalized - Benefits	Mains-Steel 3"		\$1.00	0
Retirement Total:			\$1.00	0
			<u>Addition Dollars</u>	<u>Add Qty</u>
Location Total:			\$0.00	0
			<u>Retirement Dollars</u>	<u>Retire Qty</u>
Available for Unitization:			\$0.00	0
Used in Unitization:				
0910-046008 JOHNSON CTY/HOLDEN				
376100-Mains - Steel				
Retirement				
Contract Payroll	Mains-Steel 4"		\$356.51	0
Contract Payroll	Mains-Steel 2"		\$356.51	0
Contract Payroll	Mains-Steel 3"		\$356.51	0
Contract Payroll	Mains-Steel 6"		\$356.51	0
Contractor Work	Mains-Steel 3"		\$64.15	0
Contractor Work	Mains-Steel 2"		\$785.99	0

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***** As-Built *****

Asset Location				
Utility Account				
Exp Type				
Est Charge Type	Retirement Unit	Job task	Dollars	Quantity

Used in Unitization:

0910-046008 JOHNSON CTY/HOLDEN

376100-Mains - Steel

Retirement

Contractor Work	Mains-Steel 4"		\$2,395.37	0
Contractor Work	Mains-Steel 6"		\$425.07	0
Department Clearings	Mains-Steel 6"		\$308.38	0
Department Clearings	Mains-Steel 3"		\$308.38	0
Department Clearings	Mains-Steel 2"		\$308.38	0
Department Clearings	Mains-Steel 4"		\$308.38	0
Mechanical Equipment	Mains-Steel 6"		\$73.70	0
Mechanical Equipment	Mains-Steel 4"		\$73.70	0
Mechanical Equipment	Mains-Steel 3"		\$73.70	0
Mechanical Equipment	Mains-Steel 2"		\$73.70	0
Overheads Capitalized - Benefits	Mains-Steel 6"		\$199.29	0
Overheads Capitalized - Benefits	Mains-Steel 2"		\$199.29	0
Overheads Capitalized - Benefits	Mains-Steel 4"		\$199.29	0
Overheads Capitalized - Benefits	Mains-Steel 3"		\$199.29	0
Overheads Capitalized - General	Mains-Steel 6"		\$234.79	0
Overheads Capitalized - General	Mains-Steel 3"		\$81.40	0
Overheads Capitalized - General	Mains-Steel 4"		\$1,338.21	0
Overheads Capitalized - General	Mains-Steel 2"		\$388.18	0
Payroll Taxes	Mains-Steel 2"		\$54.19	0
Payroll Taxes	Mains-Steel 4"		\$54.19	0
Payroll Taxes	Mains-Steel 6"		\$54.19	0
Payroll Taxes	Mains-Steel 3"		\$54.19	0
Retirement Value	Mains-Steel 4"		\$1,390.68	4
Retirement Value	Mains-Steel 2"		\$203.65	107
Retirement Value	Mains-Steel 3"		\$676.03	661
Retirement Value	Mains-Steel 4"		\$37.77	58
Retirement Value	Mains-Steel 3"		\$118.93	56
Retirement Value	Mains-Steel 2"		\$613.05	158
Retirement Value	Mains-Steel 6"		\$2,648.85	251
Retirement Value	Mains-Steel 6"		\$295.50	162
Retirement Value	Mains-Steel 4"		\$297.27	1
Retirement Value	Mains-Steel 4"		\$1,047.88	431
Retirement Value	Mains-Steel 3"		\$28.52	6
Retirement Value	Mains-Steel 3"		\$243.24	276
Retirement Value	Mains-Steel 4"		\$626.20	228
Retirement Value	Mains-Steel 4"		\$14.52	146
Retirement Value	Mains-Steel 6"		\$345.37	339
Stores	Mains-Steel 4"		\$625.97	0

Retirement Total: \$18,894.87 2,884

376300-Mains - Plastic

Addition

Contract Payroll	Mains-Plastic 2"		\$2,553.59	0
Contractor Work	Mains-Plastic 2"		\$258,333.46	0
Department Clearings	Mains-Plastic 2"		\$2,208.86	0

Work Order Authorization Information

***** As-Built *****

Asset Location
Utility Account
Exp Type

Est Charge Type	Retirement Unit	Job task	Dollars	Quantity
Used in Unitization:				
0910-046008 JOHNSON CTY/HOLDEN				
376300-Mains - Plastic				
Addition				
Mechanical Equipment	Mains-Plastic 2"		\$442.20	0
Overheads Capitalized - Benefits	Mains-Plastic 2"		\$1.00	0
Overheads Capitalized - Benefits	Mains-Plastic 2"		\$1,427.46	0
Overheads Capitalized - General	Mains-Plastic 2"		\$114,082.30	0
Payroll Taxes	Mains-Plastic 2"		\$388.15	0
Stores	Mains-Plastic 2"		\$9,268.74	3,977
Addition Total:			\$388,705.76	3,977
Retirement				
Contract Payroll	Mains-Plastic 4"		\$356.51	0
Contract Payroll	Mains-Plastic 2"		\$388.92	0
Contractor Work	Mains-Plastic 2"		\$76.98	0
Contractor Work	Mains-Plastic 4"		\$425.07	0
Department Clearings	Mains-Plastic 4"		\$308.38	0
Department Clearings	Mains-Plastic 2"		\$336.42	0
Mechanical Equipment	Mains-Plastic 4"		\$73.70	0
Mechanical Equipment	Mains-Plastic 2"		\$80.40	0
Overheads Capitalized - Benefits	Mains-Plastic 2"		\$217.41	0
Overheads Capitalized - Benefits	Mains-Plastic 4"		\$199.29	0
Overheads Capitalized - General	Mains-Plastic 2"		\$96.42	0
Overheads Capitalized - General	Mains-Plastic 4"		\$241.36	0
Payroll Taxes	Mains-Plastic 4"		\$54.19	0
Payroll Taxes	Mains-Plastic 2"		\$59.12	0
Retirement Value	Mains-Plastic 2"		\$134.73	5
Retirement Value	Mains-Plastic 2"		\$1,182.45	369
Retirement Value	Mains-Plastic 4"		\$1,198.61	80
Retirement Value	Mains-Plastic 2"		\$1,523.36	105
Retirement Value	Mains-Plastic 2"		\$399.14	55
Retirement Value	Mains-Plastic 4"		\$930.39	108
Retirement Value	Mains-Plastic 4"		\$266.22	4
Retirement Value	Mains-Plastic 2"		\$1,659.91	518
Retirement Value	Mains-Plastic 2"		\$746.14	45
Retirement Value	Mains-Plastic 4"		\$1,109.69	271
Stores	Mains-Plastic 2"		\$10.92	0
Stores	Mains-Plastic 4"		\$15.46	0
Retirement Total:			\$12,091.19	1,560
380100-Services - Steel				
Retirement				
Contract Payroll	Services-Steel		\$291.69	0
Contractor Work	Services-Steel		\$729.63	0
Department Clearings	Services-Steel		\$252.31	0
Mechanical Equipment	Services-Steel		\$60.30	0
Overheads Capitalized - Benefits	Services-Steel		\$163.05	0
Overheads Capitalized - General	Services-Steel		\$354.39	0
Payroll Taxes	Services-Steel		\$44.34	0

Work Order Authorization Information

***** As-Built *****

Asset Location
 Utility Account
 Exp Type
 Est Charge Type Retirement Unit Job task Dollars Quantity

Used in Unitization:

0910-046008 JOHNSON CTY/HOLDEN

380100-Services - Steel

Retirement

Retirement Value	Services-Steel		\$15.70	11
Retirement Value	Services-Steel		\$161.45	71
Retirement Value	Services-Steel		\$5.71	4
Retirement Total:			\$2,078.57	86

380200-Services - Plastic & Copper

Addition

Contract Payroll	Services-Plastic		\$2,009.42	0
Contractor Work	Services-Plastic		\$95,063.14	0
Department Clearings	Services-Plastic		\$1,738.15	0
Mechanical Equipment	Services-Plastic		\$415.40	0
Overheads Capitalized - Benefits	Services-Plastic		\$1,123.27	0
Overheads Capitalized - General	Services-Plastic		\$40,893.34	0
Payroll Taxes	Services-Plastic		\$305.43	0
Stores	Services-Plastic		\$438.48	7,039
Addition Total:			\$141,986.63	7,039

Retirement

Contract Payroll	Services-Plastic		\$324.10	0
Contractor Work	Services-Plastic		\$729.63	0
Department Clearings	Services-Plastic		\$280.35	0
Mechanical Equipment	Services-Plastic		\$67.00	0
Overheads Capitalized - Benefits	Services-Plastic		\$181.17	0
Overheads Capitalized - General	Services-Plastic		\$359.31	0
Payroll Taxes	Services-Plastic		\$49.26	0
Retirement Value	Services-Plastic		\$2,468.65	350
Retirement Value	Services-Plastic		\$156.78	47
Retirement Value	Services-Plastic		\$426.10	56
Retirement Value	Services-Plastic		\$1,212.24	147
Retirement Value	Services-Plastic		\$8.10	6
Retirement Value	Services-Plastic		\$838.04	90
Retirement Value	Services-Plastic		\$863.39	64
Retirement Value	Services-Plastic		\$840.43	195
Retirement Value	Services-Plastic		\$5,332.99	1,262
Retirement Value	Services-Plastic		\$399.16	79
Retirement Value	Services-Plastic		\$680.93	108
Retirement Value	Services-Plastic		\$3,319.40	1,657
Retirement Value	Services-Plastic		\$15.28	16
Retirement Value	Services-Plastic		\$248.52	51
Retirement Value	Services-Plastic		\$325.56	95
Retirement Value	Services-Plastic		\$915.76	150
Retirement Value	Services-Plastic		\$508.28	87
Retirement Value	Services-Plastic		\$11.77	7
Retirement Value	Services-Plastic		\$17.08	3
Retirement Value	Services-Plastic		\$308.69	32
Retirement Value	Services-Plastic		\$1,149.84	211

Work Order Authorization Information

***** As-Built *****

Asset Location	Utility Account	Exp Type	Est Charge Type	Retirement Unit	Job task	Dollars	Quantity	
Used in Unitization:								
0910-046008 JOHNSON CTY/HOLDEN								
380200-Services - Plastic & Copper								
Retirement								
Retirement Value		Services-Plastic				\$2,625.79	141	
						Retirement Total:	\$24,663.60	4,854
				<u>Addition Dollars</u>	<u>Add Qty</u>	<u>Retirement Dollars</u>	<u>Retire Qty</u>	
Location Total:				\$530,692.39	11,016	\$57,728.23	9,384	
				<u>Addition Dollars</u>	<u>Add Qty</u>	<u>Retirement Dollars</u>	<u>Retire Qty</u>	
Used in Unitization:				\$530,692.39	11,016	\$57,728.23	9,384	
				<u>Addition Dollars</u>	<u>Add Qty</u>	<u>Retirement Dollars</u>	<u>Retire Qty</u>	
Unit Estimate Total:				\$530,692.39	11,016	\$57,729.23	9,384	

***** Work Order Retirements *****

Business Segment	GL Account	Asset Location	Utility Account	Retirement Unit	Asset Description	Activity Vintage Code	Retire Qty	Retirement Amount
Posted Retirements:								
Missouri West		101000::Gas Plant in Service						
0910-046008 JOHNSON CTY/HOLDEN								
376100-Mains - Steel								
Mains-Steel 2"								
2 inch Steel Coat/Wrap Pipe : TransType=B 10/1/2016 00:00:00						1956 URET	42	\$48.65
2 inch Steel Coat/Wrap Pipe : TransType=B 10/1/2016 00:00:00						1957 URET	131	\$160.23
2 inch Steel Coat/Wrap Pipe : TransType=B 10/1/2016 00:00:00						1958 URET	76	\$87.28
2 inch Steel Coat/Wrap Pipe : TransType=B 10/1/2016 00:00:00						1964 URET	278	\$1,078.65
2 inch Steel Coat/Wrap Pipe : TransType=B 10/1/2016 00:00:00						1965 URET	179	\$610.03
2 inch Steel Coat/Wrap Pipe : TransType=B 10/1/2016 00:00:00						1966 URET	42	\$226.08
2 inch Steel Coat/Wrap Pipe : TransType=B 10/1/2016 00:00:00						1967 URET	54	\$119.88
2 inch Steel Coat/Wrap Pipe : TransType=B 10/1/2016 00:00:00						1968 URET	138	\$260.85
2 inch Steel Coat/Wrap Pipe : TransType=B 10/1/2016 00:00:00						1969 URET	92	\$168.52
2 inch Steel Coat/Wrap Pipe : TransType=B 10/1/2016 00:00:00						1970 URET	460	\$875.52
2 inch Steel Coat/Wrap Pipe : TransType=B 10/1/2016 00:00:00						1972 URET	251	\$1,006.43
2 inch Steel Coat/Wrap Pipe : TransType=B 10/1/2016 00:00:00						1974 URET	76	\$334.17
2 inch Steel Coat/Wrap Pipe : TransType=B 10/1/2016 00:00:00						1975 URET	61	\$63.52
2 inch Steel Coat/Wrap Pipe : TransType=B 10/1/2016 00:00:00						1977 URET	75	\$513.79
2 inch Steel Coat/Wrap Pipe : TransType=B 10/1/2016 00:00:00						1978 URET	31	\$95.10
2 inch Steel Coat/Wrap Pipe : TransType=B 10/1/2016 00:00:00						1979 URET	50	\$678.77
2" STEEL COATED PIPE:505 SOUTH PINE, HOLDEN: TransType=N 10/1/2016 00:00:0						1995 URET	133	\$2,791.94
2" STEEL COATED PIPE:LEXINGTON S OF 4TH ST: TransType=N 10/1/2016 00:00:00						2000 URET	36	\$2,760.09
OCR						1964 URET	158	\$613.05
OCR						1970 URET	107	\$203.65

Work Order Authorization Information

**** Work Order Retirements ****

Business Segment	GL Account				
Asset Location					
Utility Account					
Retirement Unit		Activity			
Asset Description		Vintage	Code	Retire Qty	Retirement Amount
Posted Retirements:					
Missouri West	101000::Gas Plant in Service				
0910-046008	JOHNSON CTY/HOLDEN				
376100-Mains - Steel					
Mains-Steel 3"					
3 inch Steel CoatWrap Pipe: : TransType=B 10/1/2016 00:00:00		1958	URET	303	\$643.47
3 inch Steel Pipe: : TransType=B 10/1/2016 00:00:00		1950	URET	1,868	\$1,910.49
3 inch Steel Pipe: : TransType=B 10/1/2016 00:00:00		1956	URET	222	\$263.66
OCR		1947	URET	276	\$243.24
OCR		1950	URET	661	\$676.03
OCR		1958	URET	56	\$118.93
OCR		1976	URET	6	\$28.52
Mains-Steel 4"					
OCR		1930	URET	58	\$37.77
OCR		1957	URET	431	\$1,047.88
OCR		1958	URET	146	\$14.52
OCR		1964	URET	228	\$626.20
OCR		2009	URET	1	\$297.27
OCR		2016	URET	4	\$1,390.68
Mains-Steel 6"					
OCR		1930	URET	339	\$345.37
OCR		1950	URET	162	\$295.50
OCR		1963	URET	251	\$2,648.85
		Utility Account Total:		7,482	\$23,284.58
376300-Mains - Plastic					
Mains-Plastic 2"					
OCR		1980	URET	369	\$1,182.45
OCR		1980	URET	518	\$1,659.91
OCR		1995	URET	45	\$746.14
OCR		2001	URET	105	\$1,523.36
OCR		2002	URET	55	\$399.14
OCR		2016	URET	5	\$134.73
Mains-Plastic 4"					
OCR		1976	URET	271	\$1,109.69
OCR		1982	URET	80	\$1,198.61
OCR		1995	URET	108	\$930.39
OCR		2016	URET	4	\$266.22
		Utility Account Total:		1,560	\$9,150.64
380100-Services - Steel					
Services-Steel					
OCR		1962	URET	11	\$15.70
OCR		1962	URET	4	\$5.71
OCR		1964	URET	71	\$161.45
		Utility Account Total:		86	\$182.86
380200-Services - Plastic & Copper					
Services-Plastic					
OCR		1973	URET	7	\$11.77
OCR		1978	URET	16	\$15.28
OCR		1980	URET	6	\$8.10
OCR		1982	URET	350	\$2,468.65

Work Order Authorization Information

***** Work Order Retirements *****

Business Segment	GL Account				
Asset Location					
Utility Account					
Retirement Unit					
Asset Description		Vintage	Activity Code	Retire Qty	Retirement Amount
Posted Retirements:					
Missouri West	101000::Gas Plant in Service				
0910-046008 JOHNSON CTY/HOLDEN					
380200-Services - Plastic & Copper					
Services-Plastic					
OCR		1983	URET	3	\$17.08
OCR		1984	URET	79	\$399.16
OCR		1988	URET	211	\$1,149.84
OCR		1989	URET	47	\$156.78
OCR		1990	URET	87	\$508.28
OCR		1991	URET	195	\$840.43
OCR		1992	URET	150	\$915.76
OCR		1994	URET	56	\$426.10
OCR		1995	URET	108	\$680.93
OCR		1996	URET	90	\$838.04
OCR		1997	URET	147	\$1,212.24
OCR		1998	URET	1,657	\$3,319.40
OCR		1999	URET	1,262	\$5,332.99
OCR		2000	URET	95	\$325.56
OCR		2001	URET	64	\$863.39
OCR		2005	URET	32	\$308.69
OCR		2012	URET	141	\$2,625.79
OCR		2016	URET	51	\$248.52
Utility Account Total:				4,854	\$22,672.78
Location Total:				13,982	\$55,290.86
GL Account Total:				13,982	\$55,290.86
Posted Retirements:				13,982	\$55,290.86
Work Order Total:				13,982	\$55,290.86