

### RIVERSIDE PUBLIC UTILITIES

Board Memorandum

**BOARD OF PUBLIC UTILITIES** 

DATE: JANUARY 22, 2018

**GENERAL MANAGER'S REPORT** 

**ITEM NO**: 14

### **Riverside Public Utilities**

# Open Work Orders Greater than \$200,000

As of December 30, 2017

# Riverside Public Utilities Open Capital Work Order Summary Report - Electric Fund December 2017

Project /		Board	Board		Year to Date Total	Life to Date Total	Available	Last		Status on Proj. Est.)	
Subproject or WO	Project Description	Approval	Approved	Project	as of	as of	Balance	Activity	%	%	Project Status
		Date	Estimate <sup>(7)</sup>	Estimate	12/31/2017	12/31/2017		Date	Spent	Completed	
Open Work O	rders/Projects with Budgeted or Actual expenditures > \$200	),000									
Advanced <sup>-</sup>	Technology <sup>(3)</sup>										
1619634	Operational Data Management System - Electric	05/09/16	3,189,500	3,189,500	90,637	1,958,187	1,231,313	10/25/17	61%	70%	In implementation phase.
1707248	Advanced Metering Infrastructure - Electric	06/12/17	3,000,000	1,890,000	-	-	1,890,000	09/23/16	0%	2%	Developing business case.
		Subtotal	-	5,079,500	90,637	1,958,187	3,121,313				
Cable Repl	acement										
1409723	Canyon Crest Area Circuit 1215	11/06/15	1,175,000	1,175,000	4,087	1,032,315	142,685	11/02/17	88%	95%	As-builts in progress.
1319813	Canyon Crest Area Circuit 1218	04/10/17	967,000	967,000	(94,747)	304,016	662,984	11/17/17	31%	80%	In construction.
		Subtotal	-	2,142,000	(90,660)	1,336,331	805,669				
CIS Banner	r Upgrade										
1104202	CIS Replacement	06/01/12	8,859,000	8,859,000	62,775	8,304,998	554,002	11/30/16	94%	95%	Completed, pending closure.
Oite Wists	Name and the second sec	Subtotal	-	8,859,000	62,775	8,304,998	554,002				
City-wide C	Communciations Network										
1719921	Magnolia Avenue	04/24/17	2,189,489	2,189,489	34,899	58,791	2,130,698	11/16/17	3%	20%	In construction.
1524282	Land Mobile Radio (LMR) system (Electric Portion)	09/26/16	3,000,000	1,650,000	118,292	1,685,773	(35,773)	11/16/17	102%	95%	Completed, pending closure.
1423750	Riverside Substation to Hunter Substation	04/24/17	465,000	465,000	37,023	60,497	404,503	11/16/17	13%	15%	In construction.
		Subtotal	-	4,304,489	190,214	1,805,061	2,499,428				
Distribution	n Automation Reliability										
1309568	<b>Distribution Automation Program</b>	01/18/13	960,000	960,000	2,588	682,597	277,403	10/18/17	71%	65%	In construction.
		Subtotal	-	960,000	2,588	682,597	277,403				
GO 165 Up	grades/Relocations										
Various	GO-165 Pole Replacements - Citywide	09/25/17	1,125,000	1,125,000	443	43,200	1,081,800	07/27/17	4%	3%	Project start date 02/1/18.
1804337	Four (4) Electrical Vaults & Manholes	09/25/17	557,000	557,000	2,046	2,046	554,954	10/27/17	0%	0%	Project start date 02/1/18.
		Subtotal	-	1,682,000	2,489	45,246	1,636,754				

# Riverside Public Utilities Open Capital Work Order Summary Report - Electric Fund December 2017

Project /					Year to Date	Life to Date				Status	
Subproject	Project Description	Board	Board	Drainat	Total as of	Total as of	Available Balance	Last Activity	-	on Proj. Est.)	Project Status
or WO		Approval Date	Approved Estimate <sup>(7)</sup>	Project Estimate	12/31/2017	12/31/2017	Balance	Date	% Spent	% Completed	
Major 4/12k	(v Conversions										
1521822	Plaza Substation - Circuit 456	09/18/15	933,000	933,000	-	131,926	801,074	06/01/17	14%	25%	In construction.
1521820	Plaza Substation - Circuit 452	09/18/15	1,446,000	1,446,000	399,539	1,024,941	421,059	12/15/17	71%	75%	In construction.
1503125	Magnolia Substation - Circuit 46	04/17/15	1,833,000	1,833,000	355,747	1,936,081	(103,081)	12/13/17	106%	95%	In construction.
1501824	Plaza Substation - Circuit 454	09/18/15	1,349,000	1,349,000	96	1,367,001	(18,001)	11/02/17	101%	100%	Completed, pending closure.
1411795	Magnolia - Underground Conversion	04/02/15	2,250,000	2,250,000	32,501	1,661,677	588,323	11/16/17	74%	90%	In construction.
1319390	Magnolia - Overhead Conversion	09/19/14	1,577,100	1,577,100	6,046	1,787,639	(210,539)	12/15/17	113%	95%	In construction.
Major Over	head/Underground Conversions	Subtotal	-	9,388,100	793,929	7,909,265	1,478,835				
1604758	7105 Old Frontage 215 Rd	(2)	(2)	208,182	1,462	190,406	17,776	09/21/17	91%	100%	Completed, pending closure.
	•						•				
0913192	Tyler Street Widening	08/07/15 <b>Subtotal</b>	816,000	816,000 <b>1,024,182</b>	160 1,622	871,777 <b>1,062,183</b>	(55,777) (38,001)	11/02/17	107%	95%	Completed, pending as-builts.
Major Stree	t Light Projects	Cubictui	-	1,024,102	1,022	1,002,100	(00,001)				
1611216	Citywide Streetlight L.E.D. Conversion	07/25/16	1,150,000	1,150,000	22,814	224,693	925,307	11/02/17	20%	20%	In design.
1518574	Tyler Street Widening Project	08/07/15	141,000	141,000	321	233,643	(92,643)	11/02/17	85%	95%	Completed, pending as-builts.
Maias Tuans	Distribution	Subtotal	-	1,291,000	23,135	458,336	832,664				
•	Distribution										
1518525	Jurupa Avenue - New Tract 28987	11/06/15	320,000	320,000	-	13,740	306,260	06/01/16	4%	0%	On-hold.
070016 / 07	Tract 29596 Krameria Ave <sup>(4)</sup>	07/20/07	500,000	500,000	-	468,292	31,708	03/13/14	94%	95%	In construction.
070016 / 02	Tract 29515 Phase 2 & Sewer Lift Station <sup>(5)</sup>	11/16/07 <b>Subtotal</b>	345,000	345,000 <b>1,165,000</b>	41 <b>41</b>	344,460 <b>826,492</b>	540 338,508	11/02/17	100%	95%	Completed, pending as-builts.
Major Trans	smission Line Projects	Jubiolai	-	1,103,000		020,432	330,300				
1503115	Freeman-Kaiser-Harvey Lynn	12/18/15	300,000	300,000	3,226	179,055	120,945	10/19/17	60%	50%	Pending start date <sup>(8)</sup>
		Subtotal	-	300,000	3,226	179,055	120,945				
Neighborho	ood Streetlight Retrofit										
1523553	Wood Streets Streetlights Phase 2	02/13/17	2,300,000	2,300,000	1,150,561	1,634,711	665,289	12/14/17	71%	95%	Completed, pending as-builts.
080022 / 01	Wood Streets Streetlights Phase I <sup>(6)</sup>	10/18/13	1,909,600	1,909,600	55	1,791,715	117,885	11/30/17	94%	95%	Completed, pending as-builts.
		Subtotal	-	4,209,600	1,150,616	3,426,426	783,174				

### Riverside Public Utilities Open Capital Work Order Summary Report - Electric Fund December 2017

Project /		Board	Beard		Year to Date Total	Life to Date Total	Available	Last		Status on Proj. Est.)	
Subproject or WO	Project Description	Board Approval	Board Approved Estimate <sup>(7)</sup>	Project	as of	as of 12/31/2017	Balance	Activity	% Spent	% Completed	Project Status
		Date	Estimate	Estimate	12/31/2017	12/31/2017		Date	Spent	Completed	
RTRP and	STP Project										
642975	230 KV Station	03/05/15	42,605,521	42,605,521	272,272	26,379,860	16,225,661	12/08/17	62%	15%	In design.
812940	69 KV Station <sup>(1)</sup>	11/06/09	24,000,000	24,096,844	6,252	18,312,620	5,784,224	11/28/17	76%	99%	Completed, pending as-builts.
		Subtotal	-	66,702,365	278,524	44,692,480	22,009,885				
SCADA											
1024305	Electric SCADA System Upgrades	06/27/16	2,938,307	2,938,307	-	2,737,329	200,978	08/10/16	93%	99%	Completed, pending closure.
0.1.4.4.	B I II I	Subtotal	-	2,938,307	-	2,737,329	200,978				
Substation	Bus and Upgrades										
1603079	Springs & Orangecrest	02/19/16	1,700,000	1,700,000	473	1,120,097	579,903	07/27/17	66%	60%	Pending construction.
1601400	Springs, Freeman and Mt. View	07/25/16	5,530,000	5,530,000	98,542	2,832,408	2,697,592	11/30/17	51%	45%	In construction.
1507210	RERC Control Power Improvement	10/23/17	272,000	272,000	4,991	22,729	249,271	11/30/17	8%	0%	In procurement phase.
1311245	Orangecrest, Riverside, Springs & La Colina	03/21/14	1,925,805	1,925,805	(47,831)	1,853,973	71,832	11/30/17	96%	85%	In construction.
1411145	La Colina Switchgear 3 & 4	03/21/14	534,051	534,051	188,212	260,734	273,317	09/22/17	49%	25%	On-hold.
1020992	La Colina & Hunter	05/03/13	649,885	649,885	-	457,843	192,042	06/01/16	<b>70</b> %	90%	On-hold.
		Subtotal	<u>-</u>	10,611,741	244,387	6,547,784	4,063,957				
Substation	Transformer Addition										
1619571	Plaza Substation	10/24/16	460,000	460,000	24,742	450,224	9,776	11/30/17	98%	95%	Completed, pending as-builts.
1514752	Mobile Substation #3	05/23/16	2,198,993	2,198,993	40,705	1,890,528	308,465	11/02/17	86%	95%	In commissioning phase.
		Subtotal	-	2,658,993	65,447	2,340,752	318,241				
SCE Conde	mnation Costs										Pending disbursement to SCE
1704094	Annexation 95 & 99 areas	10/24/16	444,000	444,000	-	-	444,000	No activity	0%	0%	on 12/29/17.
		Subtotal	-	444,000	-	-	444,000				
Total Electri	c Fund - Open Work Orders		-	123,760,277	2,818,970	84,312,523	39,447,754				

#### Notes:

- (1) This work is part of Project 050009 & included within the \$24,000,000 authorized by PU Board and includes various work orders closed in prior years.
- (2) 100% customer funded project
- (3) Advanced Technology projects includes both capital expenditures and professional services.
- (4) Work includes both WO 0704432 & 0704434
- (5) Work includes both WO 0702819 & 0702820
- (6) Work includes both WO 809099 & 0809101
- (7) Board approved estimate is the total amount of the work order which can include operating & maintenance costs as well as combined Electric & Water projects.
- (8) Expenditures reflect equipment purchases such as poles and switches for the project.

Items in **BLUE** represent work orders with no activity in the last 60 days.

# Riverside Public Utilities Open Capital Work Order Summary Report - Water Fund December 2017

D					Year to Date	Life to Date			Job	Status	
Project / Subproject	Project Description	Board	Board		Total	Total		Last	•	on Proj. Est.)	Project Status
or WO		Approval Date	Approved Estimate <sup>(2)</sup>	Project Estimate	as of 12/31/2017	as of 12/31/2017	Available Balance	Activity Date	% Spent	% Completed	
Open Work	Orders/Projects with Budgeted or Actual expenditures >	\$200,000									
Advanced	Technology <sup>(1)</sup>										
1707248	Advanced Metering Infrastructure - Water	06/12/17	3,000,000	1,110,000	-	-	1,110,000	09/23/16	0%	2%	Developing business case.
1619634	Operational Data Management System - Water	05/09/16	4,907,000	1,717,500	59,611	1,025,194	692,306	05/09/16	60%	70%	In implementation phase.
Asset Mar	nagement System	Subtotal		2,827,500	59,611	1,025,194	1,802,306	=			
	Water Asset Management	06/20/14	2,530,400	2,048,689	40,381	2,181,349	(132,660)	11/16/17	106%	98%	In monitor & control phase.
		Subtotal	_,,	2,048,689	40,381	2,181,349	(132,660)		,.		, , , , , , , , , , , , , , , , , , , ,
Aquifer St	orage & Recovery System							•			
1202806	Riverside North Aquifer Storage & Recovery	10/07/11	1,800,000	1,800,000	23,133	447,714	1,352,286	07/01/17	25%	10%	In environmental evaluation phase.
Developm	ent Costs	Subtotal		1,800,000	23,133	447,714	1,352,286	<u>-</u>			
•	Santa Ana River Habitat Conservation	09/05/14	325,000	325,000	_	134,256	190,744	06/30/17	41%	25%	In biological evaluation phase.
		Subtotal	0_0,000	325,000	-	134,256	190,744	00,00,11	,0	2070	
Facility Re	ehabilitation							="			
1806866	John W. North Treatment Plant Trains 1,2,3	10/23/17	530,000	530,000	-	-	530,000	No Activity	0%	0%	Pending replacement, 03/2018
1806142	Garner C Groundwater Well	11/27/17	361,000	361,000	6,948	5,965	355,035	11/30/17	2%	0%	Pending start date.
1806141	Warren 1 Groundwater Well	11/27/17	346,000	346,000	6,316	5,563	340,437	11/30/17	2%	0%	Pending start date.
1806140	Gage 66-1 Groundwater Well	11/27/17	381,000	381,000	6,316	5,515	375,485	11/30/17	1%	0%	Pending start date.
1806139	Gage 92-1 Groundwater Well	11/27/17	413,000	413,000	6,266	5,465	407,535	11/30/17	1%	0%	Pending start date.
1727627	John W. North Treatment Plant Trains 4,5	07/10/17	368,000	368,000	334,907	334,907	33,093	12/06/17	91%	90%	In construction.
1712678	Flume 3 Groundwater Well	02/13/17	255,672	255,672	(26,166)	110,173	145,499	10/19/17	43%	100%	Completed, pending closure.
1712677	Gage 92-3 Groundwater Well	02/13/17	264,626	264,626	6,940	12,865	251,761	11/16/17	5%	0%	On-hold.
1712676	Tippecanoe Groundwater Well	02/13/17	301,454	301,454	3,089	225,545	75,909	11/16/17	75%	100%	Completed, pending closure.
1712675	Raub 6 Groundwater Well	02/13/17	297,582	297,582	35,849	47,706	249,876	10/05/17	16%	40%	In construction.
1712389	Raub 7 Groundwater Well	02/13/17	267,288	267,288	27,216	191,870	75,418	10/19/17	72%	100%	Completed, pending closure.
1727342	Gage 51-1 Groundwater Well	11/27/17	337,000	337,000	6,366	6,802	330,198	11/30/17	2%	0%	Pending start date.
1524282	Land Mobile Radio (LMR) system (Wtr Portion)	09/26/16	3,000,000	1,350,000	-	1,283,051	66,949	08/10/17	95%	95%	Completed, pending commissioning.
1508449	Palmyrita Well	11/07/14	215,000	215,000	1,887	8,536	206,464	11/16/17	4%	5%	On-hold.
		Subtotal		5,687,622	415,934	2,243,963	3,443,659	_			

### Riverside Public Utilities Open Capital Work Order Summary Report - Water Fund December 2017

					Year to Date	Life to Date			Job.	Status	
Project /		Board	Board		Total	Total		Last		on Proj. Est.)	
Subproject or WO	Project Description	Approval	Approved	Project	as of	as of	Available	Activity	%	%	Project Status
		Date	Estimate <sup>(2)</sup>	Estimate	12/31/2017	12/31/2017	Balance	Date	Spent	Completed	
Main Repl	acements										
1619730	Tenth and Eleventh Street	08/22/16	2,245,000	2,245,000	361,938	1,854,540	390,460	11/30/17	83%	100%	Completed, pending closure.
1602941	Larchwood Place	10/16/15	895,000	865,000	3,967	477,422	387,578	09/07/17	55%	100%	Completed, pending closure.
1515504	Arroyo Drive	11/14/16	2,040,000	2,040,000	245,389	1,824,198	215,802	11/30/17	89%	100%	Completed, pending closure.
1513392	Colorado Ave and Toyon Road	05/22/17	2,978,000	2,978,000	1,147,214	1,279,699	1,698,301	12/14/17	43%	50%	In construction.
1507007	Jasmine and Columbus	10/03/14	679,000	679,000	-	-	679,000	No Activity	0%	0%	On-hold.
1422097	Indiana Avenue and Mary St.	07/10/17	2,017,000	2,017,000	564,729	634,651	1,382,349	12/18/17	31%	50%	In construction.
1415931	California and Monroe	12/12/14	973,500	973,500	-	820,305	153,195	06/01/17	84%	95%	On-hold. In litigation.
1107917	Magnolia Ave and Ramona Dr	04/10/17	2,704,000	2,704,000	1,940,096	2,318,459	385,541	12/14/17	86%	90%	In construction.
Recycled	Water Facilities	Subtotal		14,501,500	4,263,333	9,209,274	5,292,226	-			
yo.ou	Train Families										
1722078	Jackson St - Phase 1 & 2 Water Sites Retrofit	04/24/17	434,730	434,730	23,979	33,942	400,788	09/26/17	8%	10%	In construction.
1623724	Jackson Street - Phase 1B (Utility Potholing/Design)	10/23/17	433,000	433,000	38,210	75,841	357,159	11/30/17	18%	15%	In construction.
1521905	Jackson Street - Phase 1	01/22/16	9,039,000	8,839,000	2,678,827	3,136,966	5,702,034	12/14/17	35%	25%	In construction.
Street Imr	provements	Subtotal		9,706,730	2,741,016	3,246,749	6,459,981	-			
·											
1323318	Magnolia St. Separation / Riverside County	10/04/13	172,000	172,000	-	200,479	(28,479)	07/01/17	117%	100%	Completed, pending closure.
System E	xpansion	Subtotal	•	172,000	-	200,479	(28,479)	=			
1703061	Crestlawn-Norco	11/14/16	1,339,000	1,339,000	88,344	1,190,532	148,468	11/30/17	89%	100%	Completed, pending closure.
1615173	Water Cust. Development - 58 Magnolia Ctr.	(3)	(3)	237,767	261,067	243,750	(5,983)	11/30/17	103%	90%	Pending pavement completion.
		Subtotal	•	1,576,767	349,411	1,434,282	142,485	-			
Utility Agr	eement Projects - Caltrans SR-91 HOV		•					-			
1112062	UA 21699 - Misc. Utility Relocations	11/18/11	1,555,000	1,555,000	(35,259)	454,206	1,100,794	09/27/17	29%	99%	Completed, pending closure.
1112059	UA 21702 - Ivy St Bridge	08/19/11	1,600,000	1,600,000	(26,413)	1,333,551	266,449	09/27/17	83%	99%	Completed, pending closure.
		Subtotal		3,155,000	(61,672)	1,787,757	1,367,243	-			
Total Wate	r Fund - Open Work Orders			41,800,808	7,831,147	21,911,017	19,889,791				

#### NOTE:

- (1) Advanced Technology projects includes both capital expenditures and professional services.
- (2) Board approved estimate is the total amount of the work order which can include operating & maintenance costs as well as combined Electric & Water projects.



### RIVERSIDE PUBLIC UTILITIES

### Board Memorandum

**BOARD OF PUBLIC UTILITIES** 

DATE: JANUARY 22, 2018

**GENERAL MANAGER'S REPORT** 

**ITEM NO**: 14

### **Riverside Public Utilities**

# **Closed Work Order Reports**

As of December 30, 2017

### Riverside Public Utilities Open Capital Work Order Summary Report - Water Fund December 2017

					Year to Date	Life to Date			Job	Status	
Project / Subproject	Project Description	Board	Board		Total	Total		Last	(Based o	n Proj. Est.)	Project Status
or WO		Approval	Approved	Project	as of	as of	Available	Activity	%	%	,
		Date	Estimate <sup>(2)</sup>	Estimate	12/31/2017	12/31/2017	Balance	Date	Spent	Completed	

(3) 100% Customer funded project

Items in blue represent work orders with no activity in the last 60 days.

# Riverside Public Utilities Closed Capital Work Order Summary Report - Electric Fund December 2017

Project / Subproject				Board Approved	Final Project		
or WO	Project Description	Start Date	End Date	Estimate	Cost	Variance  - \$ -	% Variance
CLOSED C	apital Work Orders with Budget or Actual Expenditures > \$2	00,000					
	Please note: No Closed Electric Work Orders over \$200,000 to report for the month of December 2017.						
Total Electri	ic Fund - Closed Work Orders		_	\$ -	\$ -	\$ -	

### Riverside Public Utilities Closed Capital Work Order Summary Report - Water Fund December 2017

Project Description	Start Date	End Date	Board Approved Estimate	Final Project Cost	Variance	% Variance					
oital Work Orders with Budget or Actual expenditures >	\$200,000										
Main Replacements											
Ambs Water Main Replacement Project	6/6/2016	11/17/2017	\$ 1,523,000	\$ 1,117,340	\$ 405,660	26.64%					
1) Note on Final Project Cost:											
The project was completed within budget.											
2) Impact to Customer Service:											
The project ensures delivery of uninterrupted water service to the community.											
3) Impact to System Reliability:											
The project replaced old and undersized pipeline in the community.											
Main Replacements											
Arlington and Western Avenue Water Main Replacement Project	6/6/2016	11/17/2017	\$ 1,241,000	\$ 1,012,308	\$ 228,692	18.43%					
1) Note on Final Project Cost:											
The project was completed within budget.											
2) Impact to Customer Service:											
The project ensures delivery of uninterrupted water service to the community.											
3) Impact to System Reliability:											
The project replaced old and undersized pipeline in the co	mmunity.										
	Main Replacements  Ambs Water Main Replacement Project  1) Note on Final Project Cost: The project was completed within budget.  2) Impact to Customer Service: The project ensures delivery of uninterrupted water service: 3) Impact to System Reliability: The project replaced old and undersized pipeline in the common Replacements Arlington and Western Avenue Water Main Replacement Project  1) Note on Final Project Cost: The project was completed within budget.  2) Impact to Customer Service: The project ensures delivery of uninterrupted water service: 3) Impact to System Reliability:	Main Replacements  Ambs Water Main Replacement Project 6/6/2016  1) Note on Final Project Cost: The project was completed within budget.  2) Impact to Customer Service: The project ensures delivery of uninterrupted water service to the community.  3) Impact to System Reliability: The project replaced old and undersized pipeline in the community.  Main Replacements Arlington and Western Avenue Water Main Replacement Project  1) Note on Final Project Cost: The project was completed within budget.  2) Impact to Customer Service: The project ensures delivery of uninterrupted water service to the community.	Main Replacements  Ambs Water Main Replacement Project 6/6/2016 11/17/2017  1) Note on Final Project Cost: The project was completed within budget.  2) Impact to Customer Service: The project replaced old and undersized pipeline in the community.  Main Replacements Arlington and Western Avenue Water Main Replacement Project  1) Note on Final Project Cost: The project was completed within budget of 6/6/2016 11/17/2017  1) Note on Final Project Cost: The project was completed within budget.  2) Impact to Customer Service: The project ensures delivery of uninterrupted water service to the community.  3) Impact to Customer Service: The project ensures delivery of uninterrupted water service to the community.	Project Description  Start Date End Date  Approved Estimate  Sital Work Orders with Budget or Actual expenditures > \$200,000  Main Replacements  Ambs Water Main Replacement Project 6/6/2016 11/17/2017 \$ 1,523,000  1) Note on Final Project Cost: The project was completed within budget. 2) Impact to Customer Service: The project ensures delivery of uninterrupted water service to the community.  3) Impact to System Reliability: The project replaced old and undersized pipeline in the community.  Main Replacements Arlington and Western Avenue Water Main Replacement Project 1) Note on Final Project Cost: The project was completed within budget. 2) Impact to Customer Service: The project ensures delivery of uninterrupted water service to the community.  3) Impact to Customer Service: The project ensures delivery of uninterrupted water service to the community.	Project Description Start Date End Date Estimate Project Cost  Main Replacements  Ambs Water Main Replacement Project 6/6/2016 11/17/2017 \$ 1,523,000 \$ 1,117,340  1) Note on Final Project Cost: The project ensures delivery of uninterrupted water service to the community.  Main Replacements  Arlington and Western Avenue Water Main Replacement Project 6/6/2016 11/17/2017 \$ 1,241,000 \$ 1,012,308  1) Note on Final Project Cost: The project replaced old and undersized pipeline in the community.  Main Replacements  Arlington and Western Avenue Water Main Replacement Project The project cost: The project was completed within budget.  2) Impact to Customer Service: The project cost: The project cost: The project was completed within budget.  3) Impact to Customer Service: The project ensures delivery of uninterrupted water service to the community.	Project Description Start Date End Date Estimate Project Variance  Main Replacements  Ambs Water Main Replacement Project 6/6/2016 11/17/2017 \$ 1,523,000 \$ 1,117,340 \$ 405,660  1) Note on Final Project Cost: The project ensures delivery of uninterrupted water service to the community.  Main Replacements  Main Replacements  The project ensures delivery of uninterrupted water service to the community.  Main Replacements  Alignaton and Western Avenue Water Main Replacement Project to 11/17/2017 \$ 1,241,000 \$ 1,012,308 \$ 228,692  1) Note on Final Project Cost: The project ensures delivery of uninterrupted water service to the community.					

\$ 2,764,000

\$ 2,129,648

\$ 634,352

**Total Water Fund - Closed Work Orders**