ACTION MINUTES OF REGULAR MEETING
BOARD OF PUBLIC UTILITIES COMMISSIONERS
CITY OF TULARE

March 16, 2017

A regular meeting of the Board of Public Utilities Commissioners, City of Tulare, was held on Thursday, March 16, 2017, at 3:00 p.m., in the Tulare Public Library & Council Chambers.

BOARD MEMBERS PRESENT: Lee Brehm, Edward Henry, Jim Pennington, Dick Johnson

BOARD MEMBERS ABSENT: Philip Smith

STAFF PRESENT: Joe Carlini, Michael Miller, Trisha Whitfield, Nick Bartsch, Steve Bonville, Frank Rodriguez, Benjamin Siegel, Josh Rogers, Tim Doyle, Darlene Thompson, Melissa Hermann, Roxanne Yoder

I. CALL TO ORDER REGULAR SESSION:

Vice President Brehm called the regular session to order at 3:00 p.m.

II. PLEDGE OF ALLEGIANCE:

Vice President Brehm led the Pledge of Allegiance.

III. CITIZEN'S REQUEST OR COMMENTS:

*This is the time for citizens to comment on items within the jurisdiction of the Board. The Board cannot legally discuss or take official action on citizen comments that are introduced tonight. Each speaker will be allowed **three minutes**, with a maximum time of 10 minutes per item, unless otherwise extended by the Board.*

There were no citizen comments presented.

IV. COMMUNICATIONS:

There were no items for this section on the agenda.

V. CONSENT CALENDAR:

It was moved by Board Member Johnson, seconded by Board Member Henry and unanimously carried that the items on the consent calendar be approved as presented with the exception of items 2, 4, 5, 6, 7.

(1) Approve minutes of the March 16, 2017 regular/special meeting(s).

(2) **Accept Financial Status Report.** Board Member Pennington and Board Member Henry pulled the item to inquire about the drought surcharge. Their comments and questions were addressed by Financial Director Darlene Thompson.

(3) **Accept Public Works Monthly Water System Report.**

(4) **Receive the Public Works performance reports for February 2017.** Board Member Pennington and Board Member Henry pulled the item to inquire about various items contained in the performance report. Their comments and questions were addressed by Solid Waste Manager Frank Rodriguez, Operations Manager Josh Rogers, Management Analyst Ben Siegel, and Water Utility Manager Tim Doyle.

(5) **Accept as complete the contract with Valley Pump & Dairy Systems, Inc. of Tulare, California on Project WT0020 Well Rehabilitation Project; authorize the City Project Manager to sign the Notice of Completion; and direct the City Clerk to file the Notice of Completion with the Tulare County Recorder's Office.** Board Member Henry pulled this item to inquire about the change orders and subsidence. His comments and questions were addressed by Project Manager Trisha Whitfield, Water Utility Manager Tim Doyle, Interim City Manager Joe Carlini, and Finance Director Darlene Thompson.

Charles Ritchie addressed the Board regarding project WT0020 and Project Manager Trisha Whitfield provided a response thereto.

(6) **Water System Development Program update.** Board Member Henry pulled this item to inquire about various items listed on the report. His comments and questions were addressed by Project Manager Trisha Whitfield.

Following discussion of items 2, 4, 5, and 6, it was moved by Board Member Pennington, seconded by Board Member Henry and unanimously carried 4-0 (President Smith absent) to accept items as presented.

(7) **Adopt Resolution 17-01 declaring certain used property as reflected on Exhibit A as surplus and authorizing its disposition.** Board Member Pennington pulled this item to inquire about the items listed for surplus. His comments and questions were addressed by Water Utility Manager Tim Doyle. Without further discussion, it was moved by Board Member Johnson, seconded by Board Member Penning and carried 4-0 (President Smith absent) to adopt Resolution 17-01.

VI. GENERAL BUSINESS:

(1) **Award a contract for drilling and development of a well at 333 South I Street to Anthony J. Prieto Water Well Drilling, Inc. of Selma, CA in the amount of $296,440.00, and authorize the City Manager to approve contract change orders in an amount not to exceed 10% ($29,644) of the contract award amount.** Project Manager Trisha Whitfield provided a report for the Board's review and consideration. Following discussion, it was moved by Board Member Henry,

seconded by Board Member Johnson and unanimously carried 4-0 (President Smith absent) to accept the item as presented.

(2) Receive an update on the status of the Solid Waste Rate Study, Route Study, Vehicle Impact Fee and Financial Plan. Solid Waste Manager Frank Rodriguez provided a report for the Board's review and consideration. Questions raised by Board Member Pennington regarding the local landfill, transporting loads to Visalia and transfer sites were addressed by staff.

VII. ITEMS OF BOARD INTERESTS: (may include City Council and Planning Commission updates) – GC 54954.2(3)

Items of Board interest were discussed among the Board and staff.

VIII. ADJOURN REGULAR MEETING:

Vice President Brehm adjourned the regular meeting at 4:04 p.m.

_____
President of the Board of Public Utilities
Commissioners of the City of Tulare

ATTEST:

_____
Secretary of the Board of
Public Utilities Commissioners

ACTION MINUTES OF SPECIAL JOINT MEETING
BOARD OF PUBLIC UTILITIES COMMISIONERS
CITY OF TULARE

March 16, 2017

A joint session meeting of the City Council, Board of Public Utilities and Planning Commission, City of Tulare was held on Thursday, March 16, 2017, at 6:30 p.m., in the Tulare Public Library & Council Chambers, 491 North "M" Street.

COUNCIL PRESENT: Carlton Jones, Maritsa Castellanoz, Greg Nunley, Jose Sigala[8:29 p.m.]

COUNCIL ABSENT: David Macedo

BPU PRESENT: Phil Smith, Lee Brehm, Dick Johnson, Ed Henry, Jim Pennington

PLANNING COMMISSION PRESENT: Jeff Killion, Deanne Rocha, Ty Davis, Chuck Miguel, Linda Crase, Sandi Miller, Shannelle Herrera

PLANNING COMMISSION ABSENT: Ty Davis

STAFF PRESENT: Joe Carlini, Willard Epps, Janice Avila, Darlene Thompson, Rob Hunt, Michael Miller, Steve Bonville, Nick Bartsch, Traci Myers, Trisha Whitfield, Luis Nevarez, Tim Doyle, Dave LaPere, John Karli, Roxanne Yoder

I. CALL TO ORDER JOINT SESSION

Mayor Jones, Board President Smith & Planning Chair Killion called the joint meeting to order at 6:34 p.m.

II. PLEDGE OF ALLEGIANCE AND INVOCATION

Donnette Carter Silva led the Pledge of Allegiance. An invocation was also provided.

III. CITIZEN COMMENTS

Mayor Jones advised that comments from the public are limited to items listed on the agenda (GC 54954.3a). Speakers will be allowed three minutes. Please begin your comments by stating and spelling your name and providing your city of residence.

IV. DISCUSSION & OVERVIEW (Needs Assessment & Brain Storming Session)

(1) Opening Statement and Welcome by Council Member Nunley. Council Member Nunley provided an opening statement and welcomed attendees. He expressed a desire to keep the meeting focused on the future, not the past and encouraged comments from those in attendance.

(2) Business Community Input. Mike Lane of the Tulare/Kings Building Industry Authority addressed the joint bodies and expressed the need for continuity in the subdivision and zoning ordinances. He also expressed concerns with the bonding requirements contained within Tulare's subdivision ordinance.

Lino Pimentel addressed the joint bodies and expressed that this community does have a lot to offer. He stated that it is important to have a proactive Council, a fully staffed planning department, and strong economic development.

Craig Smith addressed the joint bodies and stated he supports the direction that the City is proceeding based upon the comments this evening.

Don LeBarron addressed the joint bodies about the challenges and successes of the downtown.

Paul Daley addressed the joint bodies and stated that transparency and flexibility in the City's processes is vital.

(3) Council/Board/Commission comments. Council Member Nunley commented on the limitations of the Planning department being under-staffed and stretched thin.

Interim City Manager Joe Carlini advised that the City is proposing to the Council at the budget meeting of March 17 and at their regular meeting of March 21 a reorganization of the those departments, creating a Community Services Department (Parks & Recreation, Senior Center & Library) and a Community Economic Development Department (Planning, Engineering, Building, Project Management & Economic Development) and highlighted the various positions that will be added to grow this department to facilitate and streamline processes within these divisions.

Mayor Jones expressed his excitement over the proposed plan and expressed confidence in staff. Council Member Nunley commented how important growth is to a community. He noted the Tulare's best asset is its access to Highway 99.

Vice Mayor Castellanoz stated that one of the most important things to Council for an Interim City Manager/City Manager is their ability to work with staff and why they selected Mr. Carlini and believe his collaborative efforts aided the development of this reorganization. This meeting is to solicit ideas to help develop a vision for the community.

Board Member Johnson commented on the issues that faced the Board in 15/16 with regard to the drought versus 17/18 and the plans in place additional new wells, water storage tanks and improving the distribution of water throughout the City. Board Member Henry echoed those comments; however, he cautioned about growth being hindered with the State mandates. Board President Smith

commented on the role of BPU in supporting growth by ensuring there is infrastructure sufficient to support that growth.

Council Member Nunley expressed that the comments from the Board are even more of a reason to move forward with this window of opportunity prior to those State mandates going into effect by diversifying projects to provide consistent growth.

Commission Chair Killion appreciated the comments expressed tonight and is excited about the energy in the room. He further stated it is important to speak positively about our community in addition to the plans for growth and economic development.

Commissioner Herrera echoed the importance of keeping our youth here, keeping them off the street and active in the community. She expressed concerns over smoke shops and massage parlors in the downtown and believes businesses of this nature that aren't operating as a legitimate business drives other business away.

Commissioner Miller expressed that she is passionate about economic development. She stated it is imperative to have jobs that provide a family sustaining wage to grow the community. She advocated the ability for the City to fast track projects.

Mayor Jones expressed that he wants Tulare to be that go-to City with luxury service to foster economic development and growth.

Council Member Nunley noted that landowners and real estate brokers are key in the City's growth; however, it is also key that the City's infrastructure and streets are improved to facilitate this development vision, which not only will benefit these landowners and brokers, but the City at-large.

Donnette Silva Carter commented on the improvements proposed in the reorganization.

Lee Brehm supports the comments expressed and agrees the City needs to move forward and believes with the proposed reorganization that we are on the right track.

Jason Bender addressed the joint bodies and stated the City should look to the Cartmill corridor, the development of a Specific Plan for Infrastructure, Assessment Districts or the like, develop a clear process regarding uninhabited buildings, create a unified vision of economic development from the City Council, create a check list that courts businesses to come to Tulare rather than begging businesses to come, affordable south Tulare freeway access, incentives for developing on the west side, software for development services that help customers through the development process, and the need to divest the City of the former RDA properties.

Commissioner Miguel stated that as a community we need to be mutually supportive and cooperative. He expressed the need to diversify industries, expansions of businesses to expand in the downtown, and to hold on to our local hospital.

Kyle Reinbeck addressed the joint bodies and expressed his appreciation on the proposed reorganization to support a proactive business model for economic development.

Council Member Sigala looked forward to further discussions to grow Tulare and better the lives of the people who live here.

Finance Director Darlene Thompson commented that the City does have supportive programs to assist the developers.

Council Member Nunley expressed a desire to have a joint meeting of the three legislative bodies annually to continue this open dialogue. The Council concurred with that suggestion.

Community Development Deputy Director Tracy Myers challenged the Council to develop a unified economic development plan through their upcoming team building session.

Commissioner Herrera commended Council, staff and Mr. Carlini for their efforts.

Council thanked staff, board members and commissioners for their work and support to the organization and community.

(4) City Manager recap of discussions.
Comments received as noted above.

V. ADJOURN JOINT SESSION

Mayor Jones, Board President Smith & Planning Chair Killion adjourned the joint meeting to order at 8:45 p.m.

_____
President of the Board of Public Utilities
Commissioners of the City of Tulare

ATTEST:

_____
Secretary of the Board of
Public Utilities Commissioners

CITY OF TULARE
SUMMARY TREASURER'S REPORT
SUMMARY OF ALL INVESTMENTS
FEBRUARY 28, 2017

TYPE OF INVESTMENT	BOOK VALUE	MARKET VALUE	CURRENT YIELD	BOOK VALUE % OF TOTAL
UNRESTRICTED INVESTMENTS - SEE PAGE 2	95,460,972	94,118,059	1.180%	57.12%
RESTRICTED INVESTMENTS - SEE PAGE 4	71,666,377	70,878,820	N/A	42.88%
TOTAL INVESTMENTS	167,127,349	164,996,879	N/A	100.00%

Note: The City's financial statments will report market values, not book values, at June 30 each year.

I certify that this report reflects all City investments and complies with the investment policy of the City of Tulare as approved by City Council. Furthermore, I certify that sufficient investment liquidity and anticipated revenues are available to meet the City's budgeted expenditures for the next six months.

Presented to the City Council on March 17, 2017.

Presented to the Board of Public Utility Commissioners on March 17, 2017.

Respectfully submitted, Darlene J. Thompson, CPA, Finance Director/Treasurer

Darlene J Thompson 3-17-17
Date

AGENDA ITEM: Consent 2

CITY OF TULARE
SUMMARY TREASURER'S REPORT, CONTINUED
SUMMARY OF UNRESTRICTED INVESTMENTS
FEBRUARY 28, 2017

TYPE OF INVESTMENT	ISSUER OF INVESTMENT	DATES: ACQUISITION / MATURITY	INTEREST RATES: STATED / CURRENT YIELD	PAR VALUE	BOOK VALUE / MARKET VALUE	UNREALIZED GAIN/(LOSS): THIS MONTH / LAST MONTH	ESTIMATED EARNINGS: ANNUAL / THIS MONTH	BOOK VALUE % OF U/I~
Petty Cash	N/A	N/A	N/A	N/A	6,825	N/A	N/A	0.01%
		N/A	None		6,825	N/A	N/A	
Checking Account - City	Wells Fargo Bank	N/A	N/A	N/A	3,220,749	N/A	N/A	3.37%
		On Demand	None		3,220,749	N/A	N/A	
				Balance per bank is $3,551,359				
Heritage Money Market	CalTrust	Various	N/A	N/A	16,026,304	N/A	N/A	16.79%
		On Demand	0.990%		16,026,304	N/A	N/A	
Local Agency Investment Fund (LAIF)	State of California	Various	N/A	N/A	14,500,000	(8,355)	111,650	15.19%
		On Demand	0.770%	*	14,491,645	(7,202)	9,304	
					Per BNY WTC			
Certificate of Deposit	Various (See page 5)	Various	N/A	N/A	245,000	(1,578)	2,695	0.26%
Investments in Safekeeping With BNY Western Trust Company		Various	1.110%		243,422	138	225	
Sub-Total			N/A	N/A	33,998,878	(9,933)	114,345	35.62%
			0.336%		33,988,945	(7,064)	9,529	
					Per BNY WTC			
Fixed Income Investments	Various (See page 6-8)		N/A	N/A	61,462,094	(1,332,980)	996,255	64.38%
Investments in Safekeeping With BNY Western Trust Company			1.660%		60,129,114	(1,396,852)	83,021	
TOTAL UNRESTRICTED INVESTMENTS			N/A	N/A	95,460,972	(1,342,913)	1,110,600	100.00%
			1.180%		94,118,059	(1,403,916)	92,550	

* LAIF market values are based on the most currently available amortized cost information -December, 2016: 0.999423823

~ U/I = Unrestricted Investments

CITY OF TULARE
SUMMARY TREASURER'S REPORT, CONTINUED
SUMMARY OF RESTRICTED INVESTMENTS
FEBRUARY 28, 2017

TYPE OF INVESTMENT	ISSUER OF INVESTMENT	ACQUISITION DATE	MATURITY DATE	STATED INTEREST RATE	PAR VALUE	BOOK VALUE	MARKET VALUE	BALANCES AS-OF DATE
Bond Funds (All are Managed by U.S. Bank Trust Except LAIF):								
2008 Lease Revenue and Refunding Bonds (Account No. 120887000)								
FA Prime Obl CL D Corp Trust	U.S. Bank Trust	Various	On Demand	Various	N/A	575	575	02-28-17
U S Bk Mmkt	U.S. Bank Trust	Various	On Demand	Various	N/A	1,165,749	1,165,749	02-28-17
				Reserve Fund		1,166,324	1,166,324	
2009 Sewer Revenue Bonds (Account No. 133007000)								
U S Bk Mmkt	U.S. Bank Trust	Various	On Demand	Various	N/A	651,816	651,816	02-28-17
U S Bk Mmkt	U.S. Bank Trust	Various	On Demand	Various	N/A	104	104	02-28-17
				Reserve Fund				
Ge Funding Cap Mkt Svcs GIC	Ge Funding	08-06-09	08-06-19	3.812%	N/A	5,706,172	5,706,172	02-28-17
				Reserve Fund		6,358,092	6,358,092	
2012 Sewer Revenue Refunding Bonds (Account No. 162033000)								
U S Bk Mmkt	U.S. Bank Trust	Various	On Demand	Various	N/A	232,047	232,047	02-28-17
U S Bk Mmkt	U.S. Bank Trust	Various	On Demand	Various	N/A	923,703	923,703	02-28-17
				Reserve Fund		1,155,750	1,155,750	
2013 Sewer Revenue Refunding Bonds (Account No. 203701000)								
U S Bk Mmkt	U.S. Bank Trust	Various	On Demand	Various	N/A	31,708	31,708	02-28-17
Guarantee Invest. Cont.	Bayerische Landesbank	08-01-13	11-15-22	2.310%	N/A	2,745,126	2,745,126	02-28-17
				Reserve Fund		2,776,834	2,776,834	
2015 Sewer Revenue Refunding Bonds (Account No. 2615940000)								
U S Bk Mmkt	U.S. Bank Trust	Various	On Demand	Various	N/A	65,353	65,353	02-28-17
Investment Repuchase GIC	Bayerische Landesbank	11-15-15	11-15-25	1.960%	N/A	6,668,131	6,668,131	02-28-17
				Reserve Fund		6,733,484	6,733,484	
2016 Sewer Revenue Refunding Bonds (Account No. 260)								
Cash						9,556	9,556	02-28-17
Cash				Reserve Fund - 2009 Sewer Bonds		32,614	32,614	02-28-17
U S Treasuries	U S Treasuries	Various	11-15-16 to 11-15-19	.625% - 3.75%	N/A	53,380,587	52,635,200	02-28-17
				Reserve Fund - 2009 Sewer Bonds		53,422,757	52,635,200	

- CONTINUED ON PAGE 4 -

CITY OF TULARE
SUMMARY TREASURER'S REPORT, CONTINUED
SUMMARY OF RESTRICTED INVESTMENTS
FEBRUARY 28, 2017

TYPE OF INVESTMENT		ISSUER OF INVESTMENT	ACQUISITION DATE	MATURITY DATE	STATED INTEREST RATE	PAR VALUE	BOOK VALUE	MARKET VALUE	BALANCES AS-OF DATE
Bond Funds (All are Managed by U.S. Bank Trust Except LAIF):									
2010 Redevelopment Tax Allocation Bonds - Series A Tax Exempt (Account No. 141617000)									
U S Bk Mmkt		U.S. Bank Trust	Various	On Demand	Various	N/A	100	100	02-28-17
							100	100	
2010 Redevelopment Tax Allocation Bonds - Series B Taxable (Account No. 141617010)									
U S Bk Mmkt		U.S. Bank Trust	Various	On Demand	Various	N/A	242	242	02-28-17
							242	242	
2010 Redevelopment Tax Allocation Bonds - Series C Taxable (Account No. 141618000)									
U S Bk Mmkt		U.S. Bank Trust	Various	On Demand	Various	N/A	130	130	02-28-17
							130	130	
2017 Successor Agency Tax Allocation Bonds - Series A & B (Account No. 24534600)									
U S Bk Mmkt		U.S. Bank Trust	Various	On Demand	Various	N/A	32,823	32,823	02-28-17
					Reserve Fund		32,823	32,823	
TOTAL BOND FUNDS							71,646,536	70,858,979	
Restricted Insurance Deposits Managed by Fiscal Agents:									
Employee Welfare Fund	(60)	Various	N/A	N/A	Various	N/A	(14,110)	(14,110)	02-28-17
Workers' Comp. Fund	(61)	Various	N/A	N/A	Various	N/A	0	0 *	06-30-16
General Insurance Fund	(62)	Various	N/A	N/A	Various	N/A	33,951	33,951 *	06-30-16
* NOTE: Reported as information is made available.					* Adjusted annually.		19,841	19,841	
TOTAL RESTRICTED INVESTMENTS		***Book Value % of Total Investments*** =			***42.88%***		71,666,377	70,878,820	

CITY OF TULARE
SUMMARY TREASURER'S REPORT, CONTINUED
CERTIFICATES OF DEPOSIT
FEBRUARY 28, 2017

INSTITUTION	CUSIP NUMBER	INTEREST RATES: STATED / CURRENT YIELD	DATES: ACQUISITION / INVESTED	BOOK VALUE / MARKET VALUE	UNREALIZED GAIN/(LOSS) THIS MONTH / LAST MONTH	ESTIMATED EARNING: ANNUAL / THIS MONTH
				PerBNY WTC		
Goldman Sachs	36160YTT2	1.100%	03/01/2013	245,000	(1,578)	2,695
		1.110%	03/01/2018	243,422	138	229
TOTAL CERTIFICATES OF DEPOSITS				245,000	(1,578)	2,695
All are in safekeeping with BNY Western Trust Company		1.110%		243,422	138	229

CITY OF TULARE
SUMMARY TREASURER'S REPORT, CONTINUED
FIXED INCOME INVESTMENTS
FEBRUARY 28, 2017

TYPE OF FIXED INCOME INVESTMENT	CUSIP NUMBER	DATES: ACQUISITION / MATURITY		INTEREST RATES: STATED / CURRENT YIELD	PAR VALUE	BOOK VALUE / MARKET VALUE	UNREALIZED GAIN/(LOSS): THIS MONTH / LAST MONTH	ESTIMATED EARNINGS: ANNUAL / THIS MONTH
U.S. GOVERNMENT AGENCY OBLIGATIONS								
						Per BNY WTC		
Federal Farm Credit Banks		06-27-13		1.000%	1,000,000	997,000	3,000	10,000
	3133ECT79	03-01-17	C	1.000%		1,000,000	3,460	833
Federal Farm Credit Bks		12-26-12		0.900%	1,500,000	1,500,000	(135)	13,500
	3133ECB45	12-26-17	C	0.900%		1,499,865	(690)	1,125
Federal Farm Credit Bks		01-16-13		0.900%	1,000,000	1,000,000	(1,430)	9,000
	3133ECCZ5	01-16-18	C	0.900%		998,570	(90)	750
Federal Farm Credit Banks		05-08-13		0.950%	2,000,000	2,000,000	(3,660)	19,000
	3133ECNY6	05-08-18	C	0.950%		1,996,340	(4,080)	1,583
Federal Home Ln Bks		07-13-16		1.375%	1,500,000	1,500,000	(33,840)	20,625
	3130A8MP5	10-13-20	C	1.410%		1,466,160	(35,985)	1,719
Federal Home Ln Bks		10-28-15		1.720%	2,000,000	2,000,000	(4,900)	34,400
	3130A6MH7	10-28-20	C	1.730%		1,995,100	(8,560)	2,867
Federal Nat'l Mortgage Assoc		09-30-16		1.500%	1,500,000	1,500,000	(39,240)	22,500
	3136G4AB9	12-30-20	C	1.540%		1,460,760	(40,455)	1,875
Federal Farm Credit Banks		07-19-16		1.440%	1,000,000	999,250	(32,500)	14,400
	3133EGMP7	01-19-21	C	1.490%		966,750	(33,030)	1,200
Federal Farm Credit Banks		07-06-16		1.500%	2,500,000	2,500,000	(94,825)	37,500
	3133EGKA2	07-06-21	C	1.560%		2,405,175	(99,300)	3,125
Federal Nat'l Mortgage Assoc		07-27-16		1.500%	1,000,000	998,750	(29,750)	15,000
	3136G3A70	07-27-21	C	1.550%		969,000	(30,570)	1,250
Federal Nat'l Mortgage Assoc		07-27-16		1.550%	1,000,000	999,500	(27,730)	15,500
	3136G3G90	07-27-21	C	1.600%		971,770	(28,500)	1,292
Federal Nat'l Mortgage Assoc		07-28-16		1.550%	1,000,000	999,250	(29,160)	15,500
	3136G3C78	07-28-21	C	1.600%		970,090	(29,960)	1,292

- CONTINUED ON PAGE 7 -

CITY OF TULARE
SUMMARY TREASURER'S REPORT, CONTINUED
FIXED INCOME INVESTMENTS, CONTINUED
FEBRUARY 28, 2017

TYPE OF FIXED INCOME INVESTMENT	CUSIP NUMBER	DATES: ACQUISITION / MATURITY		INTEREST RATES: STATED / CURRENT YIELD	PAR VALUE	BOOK VALUE / MARKET VALUE	UNREALIZED GAIN/(LOSS): THIS MONTH / LAST MONTH	ESTIMATED EARNINGS: ANNUAL / THIS MONTH
U.S. GOVERNMENT AGENCY OBLIGATIONS, CONTINUED								
			**			Per BNY WTC		
Federal Nat'l Mortgage Assoc		07-28-16		1.600%	2,000,000	2,000,000	(64,820)	32,000
	3136G3J30	07-28-21	C	1.650%		1,935,180	(66,480)	2,667
Federal Nat'l Mortgage Assoc		07-28-16		1.650%	2,000,000	2,000,000	(57,680)	33,000
	3136G3R72	07-28-21	C	1.700%		1,942,320	(59,220)	2,750
Federal Nat'l Mortgage Assoc		10-28-16		1.650%	1,500,000	1,500,000	(42,705)	22,500
	3136G3R72	07-28-21	C	1.450%		1,457,295	(43,875)	1,875
Federal Home Loan Mtg Corp		08-24-16		1.550%	2,000,000	2,000,000	(46,560)	31,000
	3134G94T1	08-24-21	C	1.590%		1,953,440	(49,580)	2,583
Federal Nat'l Mortgage Assoc		08-24-16		1.500%	1,500,000	1,500,000	(52,140)	22,500
	3136G3X26	08-24-21	C	1.550%		1,447,860	(53,460)	1,875
Federal Home Loan Mtg Corp		08-25-16		1.625%	3,000,000	3,000,000	(105,300)	48,750
	3134G9X44	08-25-21	C	1.680%		2,894,700	(110,490)	4,063
Federal Nat'l Mortgage Assoc		08-25-16		1.500%	1,500,000	1,500,000	(49,185)	22,500
	3136G3Y25	08-25-21	C	1.550%		1,450,815	(50,520)	1,875
Federal Home Loan Mtg Corp		09-29-16		1.650%	2,000,000	2,000,000	(65,200)	33,000
	3134GAEF7	09-29-21	C	1.710%		1,934,800	(68,600)	2,750
Federal Home Ln Bks		09-30-16		1.625%	2,000,000	1,999,200	(62,600)	32,500
	3130A9F89	09-30-21	C	1.680%		1,936,600	(65,960)	2,708
Federal Nat'l Mortgage Assoc		09-30-16		1.625%	2,000,000	2,000,000	(60,520)	32,500
	3136G4AH6	09-30-21	C	1.680%		1,939,480	(62,120)	2,708
Federal Nat'l Mortgage Assoc		09-30-16		1.500%	1,500,000	1,499,775	(46,890)	22,500
	3136G4CY7	09-30-21	C	1.550%		1,452,885	(48,765)	1,875
Federal Home Ln Banks		10-12-16		1.700%	1,500,000	1,500,000	(33,975)	25,500
	3130A9GS4	10-12-21	C	1.740%		1,466,025	(36,300)	2,125

- CONTINUED ON PAGE 8 -

CITY OF TULARE
SUMMARY TREASURER'S REPORT, CONTINUED
FIXED INCOME INVESTMENTS, CONTINUED
FEBRUARY 28, 2017

TYPE OF FIXED INCOME INVESTMENT	CUSIP NUMBER	DATES: ACQUISITION / MATURITY	INTEREST RATES: STATED / CURRENT YIELD	PAR VALUE	BOOK VALUE / MARKET VALUE	UNREALIZED GAIN/(LOSS): THIS MONTH / LAST MONTH	ESTIMATED EARNINGS: ANNUAL / THIS MONTH
U.S. GOVERNMENT AGENCY OBLIGATIONS, CONTINUED							
		**			Per BNY WTC		
Federal Home Ln Banks		10-12-16	1.580%	1,500,000	1,500,000	(51,420)	23,700
	3130A9KH3	10-12-21 C	1.640%		1,448,580	(54,015)	1,975
Federal Nat'l Mortgage Assoc		10-13-16	1.650%	2,255,000	2,255,000	(67,627)	37,208
	3136G4AS2	10-13-21 C	1.700%		2,187,373	(69,409)	3,101
Federal Nat'l Mortgage Assoc		10-25-16	1.550%	1,500,000	1,500,000	(42,990)	23,250
	3136G4ED1	10-25-21 C	1.600%		1,457,010	(44,145)	1,938
Federal Home Ln Mtg Corp		11-10-16	1.700%	2,500,000	2,500,000	(70,225)	42,500
	3131GATC8	11-10-21 C	1.750%		2,429,775	(74,325)	3,542
Federal Home Ln Mtg Corp		11-22-16	1.650%	2,000,000	2,000,000	(56,660)	33,000
	3134GAUB8	11-22-21 C	1.700%		1,943,340	(60,040)	2,750
Federal Nat'l Mtg Corp		11-23-16	1.600%	2,000,000	2,000,000	(51,940)	32,000
	3136G4GM9	11-23-21 C	1.640%		1,948,060	(53,400)	2,667
Federal Home Ln Bks		11-24-16	2.070%	2,500,000	2,500,000	(9,825)	51,750
	3130AABC1	11-24-21 C	2.080%		2,490,175	(13,025)	4,313
Federal Home Ln Bks		12-30-16	2.200%	2,220,000	2,213,340	6,638	48,840
	3130AAFG8	12-30-21 C	2.200%		2,219,978	4,462	4,070
Federal Home Ln Mtg Corp		12-30-16	2.000%	2,000,000	2,000,000	(7,300)	40,000
	3134GAYV0	12-30-21 C	2.010%		1,992,700	(9,900)	3,333
Federal Home Ln Mrg Corp		01-27-17	2.250%	2,000,000	2,000,000	100	45,000
	3134GAYV0	01-27-22 C	2.250%		2,000,100	60	3,750
Federal Nat'l Mtg Assoc		02-14-17	2.250%	1,500,000	1,500,000	0	33,750
	3136G4LE1	02-14-22 C	2.250%		1,500,000		2,813
Government National Mortgage Association II Pool		01-24-94	8.500%	N/A	1,029	14	82
		09-20-22	7.850%		1,043	15	7
TOTAL FIXED INCOME INVESTMENTS			N/A	N/A	61,462,094	(1,332,980)	996,255
All are in safekeeping with BNY Western Trust Company			1.660%		60,129,114	(1,396,852)	83,021

~ U/I = Unrestricted Investments

CITY OF TULARE
TREASURER'S EXECUTIVE SUMMARY
FEBRUARY 28, 2017

CHANGES IN BALANCES AND YIELDS:

CATEGORY	BOOK VALUE / *MARKET VALUE* / DIFFERENCE FEBRUARY	JANUARY	CHANGE	AVERAGE STATED YIELD FEBRUARY	JANUARY	CHANGE
Total Investments	167,127,349	166,153,927	973,422	N/A	N/A	N/A
	164,996,879	*163,949,427*	*1,047,452*			
	(2,130,470)	(2,204,500)	74,030			
Unrestricted Investments	95,460,972	89,963,550	5,497,422	1.180%	1.192%	-0.012%
	94,118,059	*88,559,922*	*5,558,137*			
	(1,342,913)	(1,403,628)	60,715			
Restricted Investments	71,666,377	76,190,377	(4,524,000)	N/A	N/A	N/A
	70,878,820	*75,389,505*	*(4,510,685)*			
	(787,557)	(800,872)	13,315			
Heritage Money Market (CalTrust)	16,026,304	16,020,117	6,187	0.990%	0.930%	N/A
	16,026,304	*16,020,117*	*6,187*			
	0	0	0			
Local Agency Investment Fund (LAIF)	14,500,000	12,000,000	2,500,000	0.770%	0.751%	0.019%
	14,491,645	*11,993,086*	*2,498,559*			
	(8,355)	(6,914)	(1,441)			
Certificates of Deposit	245,000	245,000	0	1.110%	1.100%	0.010%
	243,422	*245,138*	*(1,716)*			
	(1,578)	138	(1,716)			
Fixed Income Investments (Total)	61,462,094	59,962,117	1,499,977	1.660%	1.620%	0.040%
	60,129,114	*58,565,265*	*1,563,849*			
	(1,332,980)	(1,396,852)	63,872			

TRANSACTIONS (BOOK VALUE): *

CATEGORY	PURCHASES	SALES / CALLS
Certificates of Deposit	0	0
Fixed Income Investments		
Federal Nat'l Mtg Association, 2.25%	1,500,000	
Government National Mortgage Assn. Pool		23
	1,500,000	23

*

Net LAIF transactions are represented by the change in book value balance shown above. Changes in Restricted Investments are not shown.

AGENDA ITEM: Consent 3

CITY OF TULARE, CALIFORNIA
BOARD OF PUBLIC UTILITIES COMMISSIONERS
AGENDA ITEM TRANSMITTAL SHEET

Submitting Department: Finance

For Board Meeting of: April 20, 2017

Documents Attached: ☐ Ordinance ☐ Resolution ☑ Staff Report ☐Other ☐ None

---

AGENDA ITEM:
Accept Financial Status Report.

IS PUBLIC HEARING REQUIRED: ☐ Yes ☑ No

BACKGROUND/EXPLANATION:
Monthly Utility Activity:
Each month staff prepares statements that reflect year to date activity by division and fund. In keeping with the Hydrological Enterprise Program (HEP), capital improvement project funds (CIP) and reserve funds were established so these activities could easily be highlighted. The day to day operations are shown in the enterprise utility operation funds. The operation funds are further broken down into divisions which reflect cost centers. The revenues in the water and sewer/wastewater funds are not allocated by division as those divisions are truly cost centers and are not revenue generators. Consequently, water and sewer revenues are reflected in the total column only. Solid Waste divisions are set up by service provided; therefore, the revenue matches the divisions. The divisions for water and wastewater operating funds were changed and/or established within the last 3 years to improve expense analysis.

With the rate change in October 2016, the utility charges for water and sewer were allocated based on the rate study adopted. Rates are allocated to CIP funds based on the projects included in the rate study. The rate study also designated that reserve funds be established over a 5 year period so that a flat amount would be allocated to both the catastrophic and economic reserve funds.

Budgets are shown on an annual basis. Although most expenses are monthly, there are many expenditures that are annual. Showing 12 months of expenditures allows for better analysis than breaking the budget into equal monthly amounts. Further, the budgets in the attached reports reflect the old utility rates, not the new rates adopted in October.

Comparative Balance Sheet and Income Statements:
Quarterly, staff prepares year to date statements that compare the financial information to the previous fiscal year's report for the same period. This allows the board to periodically see how we compare to the previous year. The statements are condensed and reflect what will be seen on the annual consolidated annual financial report (CAFR).

STAFF RECOMMENDATION:

Accept Financial Status Report.

IS ADDITIONAL (NON-BUDGETED) FUNDING REQUIRED: ☐ ***Yes*** ☐ ***No*** ☑ ***N/A***

Submitted by: Darlene Thompson **Title:** Finance Director

Date: April 11, 2017 **Interim City Manager Approval:** _____

City of Tulare
Water Utility Funds
Summary of Revenue/Expenditures -Budget to Actual
For the Nine Months Ended
March 31, 2017

	Fund 010 Water Operations												Fund 610 Capital		Fund 680 Reserves		Water Funds	
	Admin		Distribution		Extraction		Treatment		Groundwater		Total Water Operations		CIP		Reserves		Total Water Funds	
	Annual Budget FY 2017	Actual	Annual Budget FY 2017	Actual	Annual Budget FY 2017	Actual	Annual Budget FY 2017	Actual	Annual Budget FY 2017	Actual	Annual Budget FY 2017	Actual	Annual Budget FY 2017	Actual	Annual Budget FY 2017	Actual	12 Mos Annual Budget FY 2017	9 Mos Actual FY2017
Revenues:																		
Service Revenue - Operating Funds											$ 5,845,600	$ 4,818,856		$ 893,291		$ 761,821	$ 5,845,600	$ 6,473,968
Drought Surcharge											316,780	186,514					316,780	186,514
Water Recharge Component											450,000	164,754					450,000	164,754
Water Waste Fees											60,000	25,720					60,000	25,720
Miscellaneous Revenue											958,580	542,921					958,580	542,921
Total Revenues	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**7,630,960**	**5,738,765**	**-**	**893,291**	**-**	**761,821**	**7,630,960**	**7,393,877**
Expenditures:																		
Operations																		
Salaries & Benefits	400,340	264,605	848,940	573,958	195,020	134,038	136,820	96,671	22,560	15,136	1,603,680	1,084,408					1,603,680	1,084,408
Maintenance & Operations	521,200	263,450	680,220	643,884	1,712,220	925,448	267,760	99,828	1,399,080	1,014,253	4,580,480	2,946,863					4,580,480	2,946,863
Annual Admin, Franchise & IT Fees	136,240	130,651	1,400		3,000	-					140,640	130,651					140,640	130,651
Depreciation	11,750	5,644	951,890	739,600	202,750	176,732					1,166,390	921,976					1,166,390	921,976
Transfers to Surface Water									663,400	663,400	663,400	663,400					663,400	663,400
Transfers to Technology CIP	7,350	7,350	-								7,350	7,350					7,350	7,350
Total Operations	1,076,880	671,700	2,482,450	1,957,442	2,112,990	1,236,217	404,580	196,499	2,085,040	1,692,789	8,161,940	5,754,648	-	-	-	-	8,161,940	5,754,648
Net Revenue from Operations											**(530,980)**	**(15,882)**	**-**	**893,291**	**-**	**761,821**	**(530,980)**	**1,639,230**
Other Expenditures																		
Capital Outlay																		
Special M & O	252	13,277			34,300	21,787					34,552	35,064					34,552	35,064
CIP Expenditures			487,000	276,526							487,000	276,526	1,659,156	1,694,149			2,146,156	1,970,675
Total Capital Expenditures	252	13,277	487,000	276,526	34,300	21,787	-	-	-	-	521,552	311,590	1,659,156	1,694,149	-	-	2,180,708	2,005,739
Debt Service																		
Debt Service	997,520	876,538		(91,549)							997,520	784,989					997,520	784,989
Total Debt Service	997,520	**876,538**	-	**(91,549)**	-	-	-	-	-	-	**997,520**	**784,989**	**-**	**-**	**-**	**-**	**997,520**	**784,989**
Total Other Expenditures	997,772	889,815	487,000	184,977	34,300	21,787	-	-	-	-	1,519,072	1,096,579	1,659,156	1,694,149	-	-	3,178,228	2,790,728
Operating Transfers In(Out)					(860,000)	(215,000)	(140,000)	(35,000)			(1,000,000)	(250,000)	1,000,000	250,000			-	-
Net Revenue/(Expenditures)	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ (3,050,052)**	**$ (1,362,461)**	**$ (659,156)**	**$ (550,858)**	**$ -**	**$ 761,821**	**$ (3,709,208)**	**$ (1,151,498)**

The Budget shown did not take into account the rate change in October, 2016.
Expenses paid in July and August for June activites are included in the previous fiscal year's expense as the City uses a Modified Accrual Basis of accounting.

City of Tulare
Solid Waste Funds
Summary of Revenue/Expenditures -Budget to Actual
For the Nine Months Ended
March 31, 2017

	Funds 012 - Solid Waste Operations												Fund 612 Capital		Solid Waste	
	Residential		Commercial		Street Sweeping		Roll-Offs		Other Revenue		Total		CIP		Total Solid Waste	
	Annual Budget FY 2017	Actual	Annual Budget FY 2017	Actual	Annual Budget FY 2017	Actual	Annual Budget FY 2017	Actual	Annual Budget FY 2017	Actual	Annual Budget FY 2017	Actual Total	Annual Budget FY 2017	Actual	12 Mos Annual Budget FY 2017	9 Mos Actual FY2017
Revenues:																
Service Revenue - Operating Funds	$ 4,705,000	$ 3,578,332	$ 1,639,000	$ 1,392,749	$ 992,260	$ 814,522	$ 733,100	$ 474,362			$ 8,069,360	$ 6,259,965			$ 8,069,360	$ 6,259,965
Recycle Sales	47,000	22,153	23,350	16,546	-	-	3,500.00	3,323	$ 6,000	$ -	79,850	42,023			79,850	42,023
Miscellaneous Revenue									202,000	208,027	202,000	208,027			202,000	208,027
Interfund Loan Repayment									133,550		133,550	-			133,550	-
Total Revenues	**4,752,000**	**3,600,485**	**1,662,350**	**1,409,295**	**992,260**	**814,522**	**736,600**	**477,685**	**341,550**	**208,027**	**8,484,760**	**6,510,015**	**-**	**-**	**8,484,760**	**6,510,015**
Expenditures:																
Operations																
Salaries & Benefits	1,497,050	1,129,950	835,220	529,824	283,090	171,084	211,780	206,636			2,827,140	2,037,493			2,827,140	2,037,493
Maintenance & Operations	2,418,990	1,343,129	1,144,520	658,183	342,160	228,260	497,730	277,967			4,403,400	2,507,539			4,403,400	2,507,539
Annual Admin, Franchise & IT Fees	141,150	141,031	80,840	80,840	9,580	9,580	29,780	29,780			261,350	261,231			261,350	261,231
Depreciation	15,780	5,914					-				15,780	5,914			15,780	5,914
Transfers to Technology CIP	6,150	6,150					-				6,150	6,150			6,150	6,150
Total Operations	4,079,120	2,626,174	2,060,580	1,268,847	634,830	408,924	739,290	514,383	-	-	7,513,820	4,818,327	-	-	7,513,820	4,818,327
Net Revenue from Operations	**672,880**	**974,311**	**(398,230)**	**140,448**	**357,430**	**405,598**	**(2,690)**	**(36,697)**	**341,550**	**208,027**	**970,940**	**1,691,688**	**-**	**-**	**970,940**	**1,691,688**
Other Expenditures																
Capital Outlay																
Special M & O	248,300	133,264	94,600	24,148	16,800	7,994	28,300	9,168			388,000	174,575			388,000	174,575
CIP Expenditures											-	-	23,043	8,556	23,043	8,556
Total Capital Expenditures	248,300	133,264	94,600	24,148	16,800	7,994	28,300	9,168	-	-	388,000	174,575	23,043	8,556	411,043	183,131
Net Revenue/(Expenditures)	**$ 424,580**	**$ 841,048**	**$ (492,830)**	**$ 116,300**	**$ 340,630**	**$ 389,610**	**$ (30,990)**	**$ (45,866)**	**$ 341,550**	**$ 208,027**	**$ 582,940**	**$ 1,517,113**	**$ (23,043)**	**$ (8,556)**	**$ 559,897**	**$ 1,508,557**

Expenses paid in July and August for June activites are included in the previous fiscal year's expense as the City uses a Modified Accrual Basis of accounting.

City of Tulare
Sewer/Wastewater Utility Funds
Summary of Revenue/Expenditures -Budget to Actual
For the Nine Months Ended
March 31, 2017

	Funds 015 Sewer - Wastewater Operations												Fund 615 Capital		Fund 685 Reserves		Sewer Wastewater	
	Sewer Collection		Domestic Wastewater		Industrial Wastewater		Pretreatment		Energy		Total Sewer Wastewater Operations		CIP		Reserves		Total Funds	
	Annual Budget FY 2017	Actual	Annual Budget FY 2017	Actual	Annual Budget FY 2017	Actual	Annual Budget FY 2017	Actual	Annual Budget FY 2017	Actual	Annual Budget FY 2017	Actual	Annual Budget FY 2017	Actual	Annual Budget FY 2017	Actual	12 Mos Annual Budget FY 2017	9 Mos Actual FY2017
Revenues:																		
Service Revenue - Operating Funds	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 25,588,540	$ 14,838,092	$ -	$ 3,407,637	$ -	$ 1,050,000	$ 25,588,540	$ 19,295,729
Miscellaneous Revenue											2,798,380	1,874,950					2,798,380	1,874,950
Total Revenues	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**28,386,920**	**16,713,042**	**-**	**3,407,637**	**-**	**1,050,000**	**28,386,920**	**21,170,679**
Expenditures:																		
Operations																		
Salaries & Benefits	705,290	505,759	1,080,620	674,833	1,370,460	950,822	81,650	80,736	14,910	9,536	3,252,930	2,221,687					3,252,930	2,221,687
Maintenance & Operations	1,055,476	511,973	2,773,400	1,668,449	2,566,230	1,441,643	330,520	29,200	931,514	86,614	7,657,140	3,737,878					7,657,140	3,737,878
Annual Admin, Franchise & IT Fees	(15,120)	(15,120)	134,720	101,277	191,170	184,046	13,210	13,210	18,620	18,620	342,600	302,032					342,600	302,032
Depreciation	1,314,870	1,007,038	1,030,040	742,766	2,721,560	2,132,613		-	510,810	383,108	5,577,280	4,265,525					5,577,280	4,265,525
Transfers to Surface Water			424,770	424,770							424,770	424,770					424,770	424,770
Transfers to Technology CIP	-	-	12,290	12,290							12,290	12,290					12,290	12,290
Total Operations	3,060,516	2,009,649	5,455,840	3,624,385	6,849,420	4,709,123	425,380	123,146	1,475,854	497,879	17,267,010	10,964,182	-	-	-	-	17,267,010	10,964,182
Net Revenue from Operations											**11,119,910**	**5,748,860**	**-**	**3,407,637**	**-**	**1,050,000**	**(17,267,010)**	**10,206,497**
Other Expenditures																		
Capital Outlay																		
Special M & O	32,500	20,524	269,196	9,520	628,196	181,664					929,892	211,708					929,892	211,708
CIP Expenditures			90,000								90,000	-	872,300	118,576			962,300	118,576
Total Capital Expenditures	32,500	20,524	359,196	9,520	628,196	181,664	-	-	-	-	1,019,892	211,708	872,300	118,576	-	-	1,892,192	330,284
Debt Service																		
Debt Service	964,300	560,011	4,051,820	2,138,147	8,876,430	4,510,284			623,770	291,094	14,516,320	7,499,536					14,516,320	7,499,536
Total Debt Service	964,300	560,011	4,051,820	2,138,147	8,876,430	4,510,284	-	-	623,770	291,094	14,516,320	**7,499,536**	**-**	**-**	**-**	**-**	**14,516,320**	**7,499,536**
Total Other Expenditures	996,800	580,535	4,411,016	2,147,667	9,504,626	4,691,948	-	-	623,770	291,094	15,536,212	7,711,244	872,300	118,576	-	-	16,408,512	7,829,820
Operating Transfers In(Out)	(500,000)	(125,000)	(500,000)	(125,000)							(1,000,000)	(250,000)	1,000,000	250,000	-	-	-	-
Net Revenue/(Expenditures)											**$ (5,416,302)**	**$ (2,212,384)**	**$ 127,700**	**$ 3,539,062**	**$ -**	**$ 1,050,000**	**$ (33,675,522)**	**$ 2,376,677**

he Budget shown did not take into account the rate change in October, 2016.
Expenses paid in July and August for June activites are included in the previous fiscal year's expense as the City uses a Modified Accrual Basis of accounting.

City of Tulare
Utility Operation Funds
Comparative Summary of Revenue/Expenditures
Budget to Actual
For the Nine Months Ended
March 31, 2017 and 2016

	WATER FUND		SOLID WASTE		WASTEWATER	
	ACTUAL 2017	ACTUAL 2016	ACTUAL 2017	ACTUAL 2016	ACTUAL 2017	ACTUAL 2016
Revenue:						
Service Fees	$ 6,473,968	$ 4,513,912	$ 6,259,965	$ 6,162,513	$ 19,295,729	$ 17,722,046
Water Recharge Revenue	164,754	340,075				
Drought Surcharge	186,514	438,882				
Penalties, Connection and Misc Fees	454,424	374,783	192,661	145,922	368,537	309,484
Interest Income	14,349	6,004	15,366	4,433	388,958	241,483
Energy Rebate	-	4,959			1,027,907	1,093,507
Rents	24,923	23,206			89,549	164,042
Recycling Revenue			42,023	35,968		
Miscellaneous	74,945	89,126				
Transfer In From General Fund		160,000				
Total Revenue	7,393,877	5,950,947	6,510,015	6,348,836	21,170,679	19,530,562
Expenditures:						
Salaries & Benefits	1,084,408	873,674	2,037,493	1,737,533	2,221,687	1,874,871
Maintenance & Operations	3,077,513	2,354,053	2,768,770	2,896,227	4,039,910	4,100,430
Depreciation - Estimated	921,976	881,377	5,914	11,602	4,265,525	4,182,967
Transfer to Surface Water	663,400	-	-	-	424,770	-
Transfers to Technology CIP	7,350	7,350	6,150	6,150	12,290	12,050
Special M & O	35,064	24,418	174,575	141,840	211,708	186,741
Capital Outlay	1,970,675	223,774	8,556	9,759	118,576	-
Debt Service	784,989	773,248	-	-	7,499,536	1,821,591
Total Expenditures	8,545,375	5,137,894	5,001,458	4,803,111	18,794,002	12,178,650
Net Revenue/(Expenditures)	$ (1,151,498)	$ 813,053	$ 1,508,557	$ 1,545,725	$ 2,376,677	$ 7,351,912

Budgets reflect 12 months while actual only reflects expenses paid through March 31.

City of Tulare
Water Operation Fund
Comparative Balance Sheet - Unaudited
March 31, 2017 and 2016

	WATER FUND		SOLID WASTE		WASTEWATER	
	UNAUDITED 3/31/2017	UNAUDITED 3/31/2016	UNAUDITED 3/31/2017	UNAUDITED 3/31/2016	UNAUDITED 3/31/2017	UNAUDITED 3/31/2016
Assets:						
Cash	$ 4,224,485	$ 3,698,380	$ 4,706,644	$ 3,325,274	$ 17,470,536	$ 13,216,594
Cash on Deposit with Fiscal Agent					17,806,851	31,132,927
Receivables						
Public Works	28,101	24,644			37,590	40,597
Accounts	5,980	(18)			4,015	8,187
Other						
Utility	741,560	576,887	757,166	741,213	2,214,919	2,185,817
Advance to Water Fund			1,343,333	1,446,667		
Deferred Bond Charges					4,324,613	3,898,034
Fixed Assets, net of Depreciation	33,770,303	34,856,227	19,206	25,511	212,941,351	218,641,853
Total Assets	$ 38,770,428	$ 39,156,120	$ 6,826,349	$ 5,538,663	$ 254,799,875	$ 269,124,009
Liabilities:						
Compensated Absences	$ 228,550	$ 204,993	$ 284,197	$ 243,610	$ 220,015	$ 297,192
Capital Lease - Citicapital	4,895,583	5,530,793			313,011	353,652
Loan					521,793	1,031,886
Bonds					184,336,265	191,879,708
Unapplied Cash	100,599	71,301	22,584	17,633	462	260
Accounts Payable					141	(41)
Oversize Liability	304,540	303,977			1,348,323	1,345,248
Deposits - In Leiu					10,000	10,000
Bond Premium					10,020,667	11,773,026
Due to Solid Waste Fund	1,343,333	1,446,667				
Total Liabilities	$ 6,872,606	$ 7,557,730	$ 306,781	$ 261,243	$ 196,770,677	$ 206,690,932
Net Assets:						
Fund Balance	$ 26,545,045	$ 24,281,062	$ 5,011,011	$ 3,731,696	$ 51,510,871	$ 50,939,516
Contributed Capital	6,504,275	6,504,275			4,141,650	4,141,650
Net Income/Loss	(1,151,498)	813,053	1,508,557	1,545,725	2,376,677	7,351,912
Total Net Assets	$ 31,897,822	$ 31,598,390	$ 6,519,568	$ 5,277,421	$ 58,029,198	$ 62,433,078

AGENDA ITEM: Consent 4

CITY OF TULARE, CALIFORNIA
BOARD OF PUBLIC UTILITIES COMMISSIONERS
AGENDA ITEM TRANSMITTAL SHEET

Submitting Department: Public Works – Water Division

For Board Meeting of: April 20, 2017

Documents Attached: ☐ Ordinance ☐ Resolution ☐ Staff Report ☐ Other ☑ None

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AGENDA ITEM:
Accept Public Works Monthly Water System Report

IS PUBLIC HEARING REQUIRED: ☐ ***Yes*** ☑ ***No***

BACKGROUND/EXPLANATION:
Resolution 16-19, adopted by the Board on November 15, 2016 directs the Public Works Director to provide monthly reports regarding the status of new connections and water system performance.

Month	System Delivery Capacity (MGD)	System Capacity Loss (MG)*	Demand (MGD)*		Pressure (PSI)		Connections Since Dec 2014 / Remainder of 952 Available Connections		
			Monthly Total	Peak Hour	Ave Max Day	Min Peak Hour	This Month	Cumulative	Remainder
Mar-17	**31.95**	**-**	**-**	**-**	**57.18**	**41.75**	**24**	**625**	**327**
Feb -17*	**31.95**	**0.09**	**8.72**	**12.55**	**54.13**	**42.75**	**11**	**601**	**351**
Jan - 17	**31.95**	**0.91**	**8.18**	**11.77**	**53.87**	**42.35**	**15**	**590**	**362**
Dec-16	**31.95**	**0.38**	**9.16**	**13.18**	**53.93**	**42.53**	**41**	**575**	**377**
Nov-16	**31.95**	**0.62**	**10.38**	**14.95**	**54.80**	**42.57**	**33**	**534**	**418**
Oct-16	**31.95**	**1.90**	**12.69**	**18.27**	**52.23**	**38.94**	**15**	**501**	**451**
Sep-16	**31.95**	**0.94**	**16.58**	**23.62**	**51.83**	**35.20**	**26**	**486**	**466**
Aug-16	**31.95**	**1.79**	**19.43**	**25.02**	**54.16**	**33.29**	**25**	**460**	**492**
Jul-16	**31.95**	**2.38**	**17.52**	**26.35**	**53.57**	**31.50**	**30**	**435**	**517**
Jun-16	**31.95**	**1.48**	**18.89**	**24.67**	**52.87**	**32.23**	**22**	**405**	**547**

**These items are based on actual retail delivery data and will lag one month behind while the meter reads are processed for the prior month.*

Definitions:

Total System Delivery Capacity
The total delivery capacity of the city wells based on their potential production expressed in terms of Million Gallons per Day (MGD).

System Capacity Loss
The difference between the volume of water produced and the volume of water delivered through meters expressed in MGD. This encompasses capacity lost through pipe leakage, breaks and system maintenance operations such as flushing and sampling.

Connections
The number of new connections completed is reported on a monthly basis by the Development Services Department.

Monthly Total Demand
Monthly Total Demand is the average volume of water delivered through retail meters expressed in MGD.

Peak Hour Demand
Peak Hour Demand is a calculated estimate of the effective demand on the City water system during the highest use periods of the month expressed in MGD.

Average Max Day Pressure
The Average Max Day Pressure is the average of the high pressure data points recorded in the SCADA system for each well site, each day of the month expressed in PSI.

Peak Minimum Pressure
Peak Minimum Pressure is the average of the lowest pressure data points recorded in the SCADA system for each well site, each day of the month expressed in PSI.

Pressure Standards
The minimum daily pressure standard is 30 psi. The target daily average standard psi is 35 or higher.

STAFF RECOMMENDATION:
Accept Public Works Monthly Water System Report.

CITY ATTORNEY REVIEW/COMMENTS: ☐ ***Yes*** ☐ ***No*** ☑ ***N/A***

IS ADDITIONAL (NON-BUDGETED) FUNDING REQUIRED: ☐ ***Yes*** ☐ ***No*** ☑ ***N/A***

Signed: Joseph Carlini **Title: Interim City Manager**
Date: April 20, 2017 **City Manager Approval: _____**

AGENDA ITEM: Consent 5

CITY OF TULARE, CALIFORNIA
BOARD OF PUBLIC UTILITIES COMMISSIONERS
AGENDA ITEM TRANSMITTAL SHEET

Submitting Department: Public Works / Water Division

For Board Meeting of: April 20, 2017

Documents Attached: ☐Ordinance ☐Resolution ☐Staff Report ☑Other ☐None

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AGENDA ITEM:
Accept Water System Development Program update.

IS PUBLIC HEARING REQUIRED: ☐ ***Yes*** ☑ ***No***

BACKGROUND/EXPLANATION:
At the February 18, 2016 Board of Public Utilities meeting, staff took an item to the Board (agenda item attached), requesting that the Board accept Carollo's Technical Memorandum No. 1 on the Matheny/Soultz Water System Improvements and provide feedback and appropriate funding on the Water System Development Program. Carollo's Technical Memorandum No. 1 was a result of the City's concerns regarding the state of the water system and the City's ability to connect Matheny Tract (Pratt Mutual Water Company) and Soults Mutual Water Company to the City's system. Carollo evaluated the City's water system and identified the projects needed to provided sufficient capacity to the existing system and to provide sufficient capacity for future water delivery needs. Using the Carollo study as a basis for future water system improvement projects, the Board accepted the study and created a project for the Water System Development Program.

At the June 16, 2016 Board of Public Utilities meeting the Board asked for a tracking of the milestones and updates on the Water System Development Program. Since that time, staff has been providing monthly updates to the Board regarding the program. The update identifies the three major parts of the program: Water Storage, Water Wells, and the State SRF Grant for a new water well and a water main extension project. As the status report is updated each month, the updated items are highlighted to make the changes easily identifiable to the Board. Attached are the anticipated milestones and updates for the project to date.

The updates since the last meeting are included and highlighted. Those updates include the start of test well #4 located at Cartmill and Mooney, award of bid for the drilling of the permanent well at 333 S. I Street with a proposed construction start date of April 17, 2017, advertisement for bid for the drilling of the permanent well at 1258 N. J Street, and a revision of the State Grant timeline due to the need to find a new site for the construction of the grant funded well.

STAFF RECOMMENDATION:
Accept Water System Development Program update.

CITY ATTORNEY REVIEW/COMMENTS: ☐Yes ☑No

IS ADDITIONAL (NON-BUDGETED) FUNDING REQUIRED: ☐Yes ☑No
(If yes, please submit required budget appropriation request)

Signed: Trisha Whitfield **Title: Project Manager**

Date: April 11, 2017 **City Manager Approval: _____**

Water System Development Program
April 20, 2017

Water Storage Tanks

Sites identified:

updated	Site 1: 1258 N. J Street
	Site 2: SE corner of Alpine Avenue & Nelder Grove. Provided update to BPU on 2/2/17

Design/Construction timeline:

June 28, 2016	CEQA for city projects published. 20 day review period
July 12, 2017	RFP's for design of storage tanks published
August 4, 2016	Responses to RFP due
August 18, 2016	Award RFP at BPU meeting
October 20, 2016	BPU approved design of two, 2.0 million gallon concrete storage tanks
January 9, 2017	Planning Commission approved design review for J Street storage tank site. (amended CEQA due to change in size of tanks from 1.0 to 2.0 million gallons)
February 13, 2017	Planning Commission approved design review of Alpine storage tank site.
March 2017	Plans and Specifications completed
April 2017	Construction documents out to bid
July 2017	Begin construction of tanks

Water Wells

Sites identified:

June 2, 2016	Site 1: Board approved suitability agreement for 333 South I Street (Well 6).
July 21, 2016	Site 2: 1258 N. J Street
	Site 3: SE corner of Alpine Avenue & Nelder Grove. Provided update to BPU on 2/2/17
January 19, 2017	Site 4: Cartmill Avenue between De La Vina Street & Mooney Blvd.

Design/Construction timeline:

June 28, 2016	CEQA for city projects published. 20 day review period
July 12, 2017	Staff working with on-call Engineer to write specs for design-build wells
August 2016	RFB for test wells published
October 2016	RFP for design of water wells and hydrogeologists published
October 20, 2016	Award RFB for test wells, design of water wells and hydrogeologist consulting services
	Award well design to Cannon for 333 S. I Street
November 3, 2016	Award well design to Carollo Engineers for 1258 N. J Street
November 4, 2016	Held pre-construction meeting for test wells
November 14, 2016	Begin construction of test well #1 at 333 S. I Street. Estimated time frame - 6 weeks
November 2016	Begin construction of two wells. Work to include: test wells & sampling, design of well construction, construction of the well(s), installation of pump & appurtenances
December 15, 2016	Award well design to Carollo Engineers for Alpine & Nelder Grove site
December 23, 2016	Completed test well #1 at 333 S. I Street. Awaiting lab results for final design
January 3, 2017	Begin construction of test well #2 at 1258 N. J Street. Estimated time frame - 6 weeks
January 19, 2017	Present BPU with information regarding proposed Cartmill well site
February 1, 2017	Completed test well #2 at 1258 N. J Street. Awaiting lab results for final design
February 7, 2017	RFB for drilling of permanent well at 333 S. I Street published. Anticipate to award in March.
March 16, 2017	Award RFB for construction of well at 333 S. I Street.

March 16, 2017	Begin constructin of test well #4 at Cartmill/Mooney. Estimated time frame - 6 weeks
March 21, 2017	RFB for drilling of permanent well at 1258 N. J Street published. Anticipate to award in May.
April 17, 2017	Begin construction of well at 333 S. I Street.
May 2017	Award RFB for construction of well at 1258 N. J Street. Anticipate construction to begin in May 2017.

State Grant - Matheny/Pratt MWC Consolidation

Sites identified:

July 21, 2016	Well Site 1: Closed session - real property negotiations for 2508 W. Tulare. Property negotiations cancelled - Looking for new well site. Well 14: 12" pipe north to Matheny Tract
October 6, 2016	Well Site 1: approval to purchase 820 Wright Way

Design/Construction timeline:

August 2016	Application for funding submitted to State
December 2016	All grant paperwork submitted and tentatively approved by the State, just waiting on CEQA required Cultural Report from consultant.
February 2017	Still working through cultural report. Anticipate final environmental by March.
February 15, 2017	Begin construction of test well #3 at 820 Wright Way. Estimated time frame - 6 weeks
March 2017	Completed test well #3 at 820 Wright Way. Final lab results determined the site the site is not suitable for a well (arsenic, TCP)
April 2017	Staff is looking for a new well site. Environmental documents on hold until a new well site is identified.
June 2017	Complete application for funding (General, Technical, Environmental, & Financial)
August 2017	Advertise RFP for design, plans & specifications
September 2017	Award RFP for design, plans & specifications
March 2018	Plans and Specifications completed
May 2018	Construction documents out to bid
August 2018	Begin construction of well site and pipeline
January 2019	Construction of pipeline complete
July 2019	Construction well site complete

AGENDA ITEM: Consent 6

CITY OF TULARE, CALIFORNIA
BOARD OF PUBLIC UTILITIES COMMISSIONERS
AGENDA ITEM TRANSMITTAL SHEET

Submitting Department: Public Works – Water Division

For Board Meeting of: April 20, 2017

Documents Attached: ☐ Ordinance ☐ Resolution ☐ Staff Report ☑ Other ☐ None

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AGENDA ITEM:
Accept the quarterly Potable Water Pumping and Metered Delivery Report.

IS PUBLIC HEARING REQUIRED: ☐ ***Yes*** ☑ ***No***

BACKGROUND/EXPLANATION:
System loss is the difference between the volume of water pumped from the city's municipal well system and the volume of water delivered to customers through their retail meters. This difference represents a loss of consumable, potable water that has already been treated, as well as the loss of the expenses related to extracting the water prior to delivery and is a significant indication of the integrity of the water distribution system. Also included in this transmittal is the quarterly Public Works staff reports on the difference between potable water pumped and metered water deliveries over a rolling twelve month period. This report is in addition to the monthly system loss entry in the Water Division Dashboard.

Periodically, some months have retail meter reads for periods longer or shorter than 30 or 31 days. Production well meter data is collected on a strict calendar month basis (1st through the 30th for example). This, at times, produces irregular measurements, such as metered deliveries that exceed metered production. Where this has occurred, Staff has manually accounted for these irregularities. The months of June, August and December have produced irregular system losses. A primary cause of the irregularity is a mismatch in the reading period for metered retail deliveries and the reading period for the well production volumes. Staff has already begun working closely with the Meter readers to tighten the meter reading schedule, which will reduce this problem. The italicized and bolded figures identify these adjusted figures. The original 'Potable Pumped' and 'Metered Consumption' graph points have been left in the chart as reference. Industry standard for system loss is 10% or less. In the last twelve months the City has averaged 6.8%, well within industry standards.

STAFF RECOMMENDATION:
Accept the quarterly Potable Water Pumping and Metered Delivery Report.

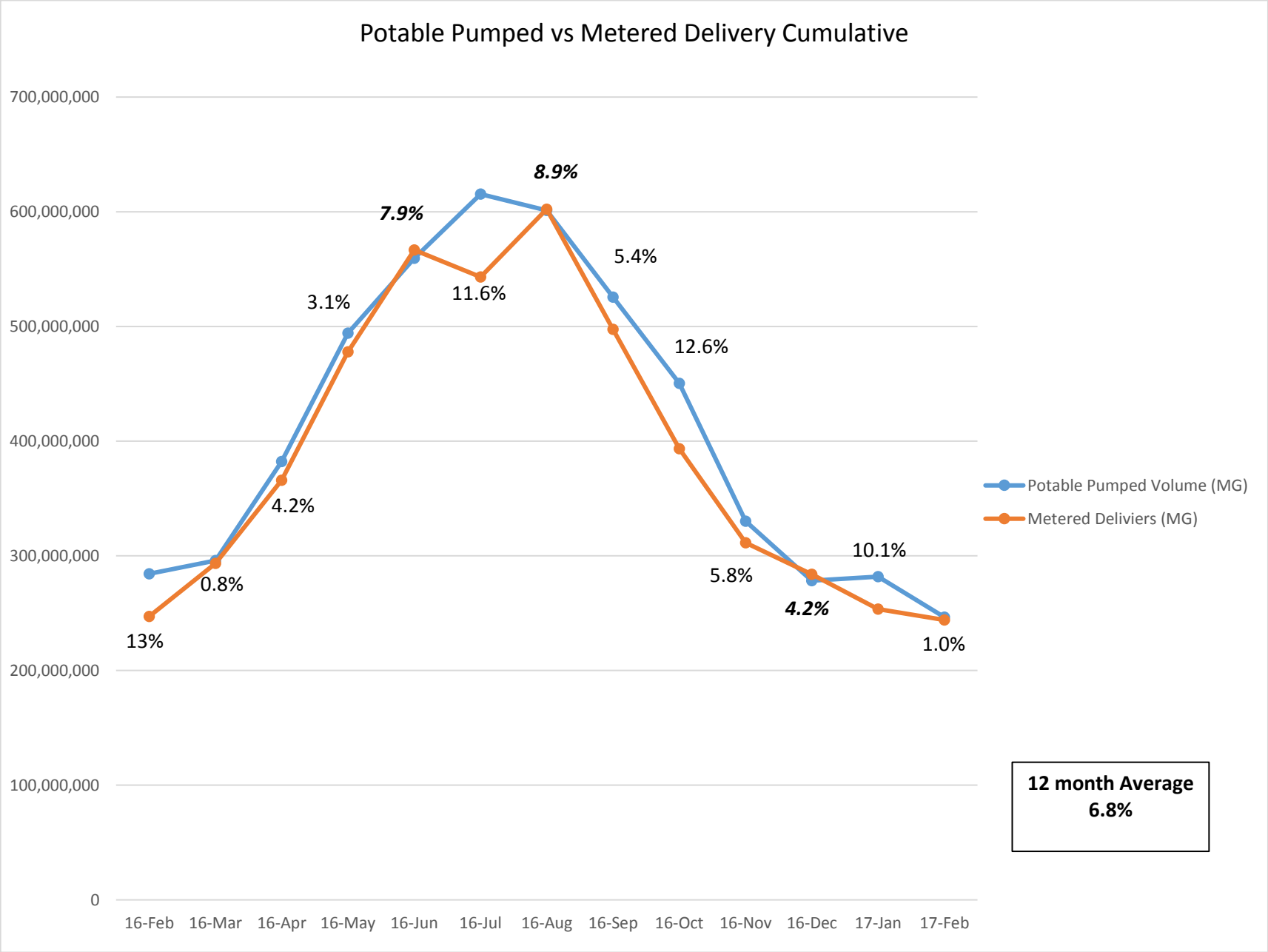
CITY ATTORNEY REVIEW/COMMENTS: ☐ ***Yes*** ☐ ***No*** ☑ ***N/A***

IS ADDITIONAL (NON-BUDGETED) FUNDING REQUIRED: ☐ ***Yes*** ☐ ***No*** ☑ ***N/A***

FUNDING SOURCE/ACCOUNT NUMBER:

Signed: Benjamin Siegel **Title: Management Analyst**

Date: April 20, 2017 **City Manager Approval: _____**


Potable Pumped vs Metered Delivery Cumulative
700,000,000
600,000,000
500,000,000
400,000,000
300,000,000
200,000,000
100,000,000
0
16-Feb
16-Mar
16-Apr
16-May
16-Jun
16-Jul
16-Aug
16-Sep
16-Oct
16-Nov
16-Dec
17-Jan
17-Feb
13%
0.8%
4.2%
3.1%
7.9%
11.6%
8.9%
5.4%
12.6%
5.8%
4.2%
10.1%
1.0%
Potable Pumped Volume (MG)
Metered Deliviers (MG)
12 month Average
6.8%

AGENDA ITEM: Consent 7

CITY OF TULARE, CALIFORNIA
BOARD OF PUBLIC UTILITIES COMMISSIONERS
AGENDA ITEM TRANSMITTAL SHEET

Submitting Department: Public Works

For Board Meeting of: April 20, 2017

Documents Attached: ☐ Ordinance ☐ Resolution ☐ Staff Report ☑Other ☐ None

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AGENDA ITEM:
Accept the Public Works performance reports for March 2017.

IS PUBLIC HEARING REQUIRED: ☐ ***Yes*** ☑ ***No***

BACKGROUND/EXPLANATION:
Public Works first reported performance dashboards for each of its divisions to the Board of Public Utilities in August 2015 with the intention of inviting additional transparency into the maintenance and operations activities of each of the divisions.

Solid Waste
Total fleet availability has remained static, 76% in March, from 76% in February. Overall, tonnage has increased by 910 tons from 4674 tons from all divisions and all waste categories in February to 5584 tons in March.

Water
Operationally, the Water division performed within division standards for the month of March. In all categories, Water staff has performed at or better than divisional standards for the month. Two special maintenance projects were performed this month: the re-piping project on Well 12 which continued from February and Water staff assisted the Surface Water management staff during the rain events that occurred in March.

March conservation is 20%. This is a reduction in conservation from 30% in March 2016. Water Waste tickets have been minimal in March, with only 7 tickets written during the course of regular maintenance activities, and nearly all of them as 'fix it' tickets. February system loss is within industry standards of 10% at 1%. This is due to the extraordinarily low demand during that month.

Collections
The Sewer Collections crew cleaned over 39,000 linear feet of sanitary sewer pipe and averaged just under 30 minutes per 100 linear feet. This rate is only 1,000 linear feet short of the division monthly standard. Collections crew staff also executed 77 man hours of Line Repair this month, more than any other month this fiscal year.

Surface Water Management
Staff spent 16 man hours pumping rainwater from areas experiencing flooding during the March rain events. The basins and lift stations handled these events well with no notable

threats of flood-induced damages. Staff coordinated the collection of outfall samples with these events and continues to collect water quality information in compliance with the Storm Water Permit. In Week 4, only one lift station was serviced due to Surface Water Management staff spending that week primarily maintaining basins. The dashboard for the Surface Water Management division is currently being revised. A revised dashboard is expected to be available for the April monthly report.

Waste Water Treatment Plant

In March, the WWTP performed to standards and exhibited good efficiency metrics for BOD, TSS and Ammonia. The WWTP had a sample average of 31.6 mg/l for BOD, which maintains the existing permit; however, 2 samples out of the 16 for the month returned readings that exceeded the 40mg\l limit. The non-compliant samples were a result of higher flows entering the system due to rain events. The short term flow increase reduced the detention time which impeded effective treatment.

Operationally, the WWTP completed 14 corrective work orders, and 322 preventative maintenance work orders. Only 4% of work orders were completed to address an immediate and unplanned problem. The remaining 96% of work orders were for planned and preventative maintenance. Overall, 30 of the work orders were completed for the Domestic side of the facility and 306 for the Industrial side, 9% and 91% respectively. The gross total monthly influent and effluent volumes for both the Domestic and Industrial facilities increased 29MG over February to a total of 347 MG.

Air Permit

The WWTP maintains 20 total air permits throughout the facility and operations. Currently the WWTP is compliant in all 20 of the permits.

STAFF RECOMMENDATION:

Accept the Public Works performance reports for March 2017.

CITY ATTORNEY REVIEW/COMMENTS: ☐ Yes ☐ No ☑ N/A

IS ADDITIONAL (NON-BUDGETED) FUNDING REQUIRED: ☐ Yes ☐ No ☑ N/A

FUNDING SOURCE/ACCOUNT NUMBER:

Signed: Benjamin Siegel **Title: Management Analyst**

Date: April 20, 2017 **City Manager Approval: _____**

City of Tulare Monthly Dashboard
Legend

Water

Production and Delivery

All water volumes are in million gallons (MG). Potable Production volumes are available immediately follow the close of the calendar month. Due to the time necessary to bill, retail delivery volumes are not available until a month later.

Conservation

Through March, the Conservation target has been a 20% reduction in potable production as compared to the same month in 2013.

GPCD - 'Gallons Per Capita Per Day' and is a measurement of the overall efficiency of use of the potable production water extracted by the City.

R- GPCD - 'Residential Gallons Per Capita Per Day' and is a measurement of the efficiency of use of the water by the residential sector specifically.

Neither emasurement is currently required, however state legislation is moving to adopt regulations identifying new conservation targets using these measurements.

Maintenance

Well Site Maintenance - those maintenance activities related to the well site, including treatment.

Distribution Maintenance - Those activities related to maintaining the disitribution system

Meter Replacement - The ongoing planned replacement program requiring minimum 1800 meters be replaced annually

Finance Services - Those activities related to finance and billing requests, such as turn ons and turn offs due to non-payment.

Customer Service - Those activities related to responding to customer inquiries and complaints concerning service and delivery quality.

Interdepartment Assistance - Those activities related to assisting other departments, typically due to emergency response or special projects.

Contractor Services - Assistance coordinating contractors with lcoations of municipal lines, underground service alerts or other activities

Administrative Services - Office time

Sewer

Maintenance

Linear Maintenance - Those ativities related to maintenance on the sewer lines, such as cleaning or video inspections

Fixed Asset Maintenance - Those activities related to the maintenance of fixed assets such as lift stations or man holes.

Interdepartment Assistance - Those activities related to assisting other departments, typically due to emergency response or special projects.

Customer Service - Those activities related to responding to customer inquiries and complaints concerning service and delivery quality.

Footage

Cleaning - the Division standard is 40,000 linear feet of sewer line cleaned per month

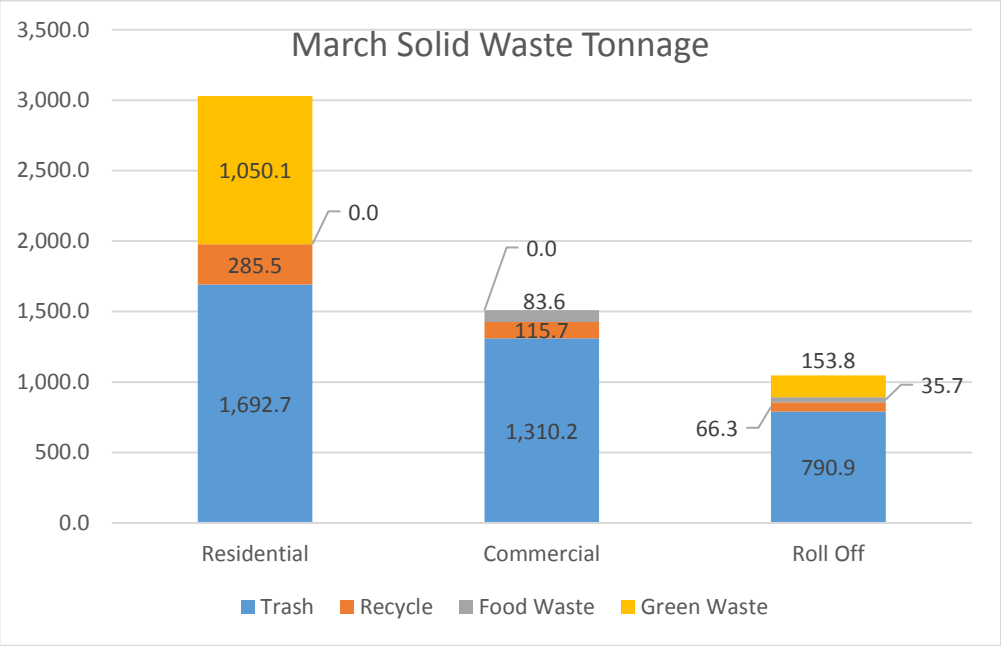
Closed Caption Televising (CCTV) - The division standard is 7,000 linear feet of sewer line inspected per month

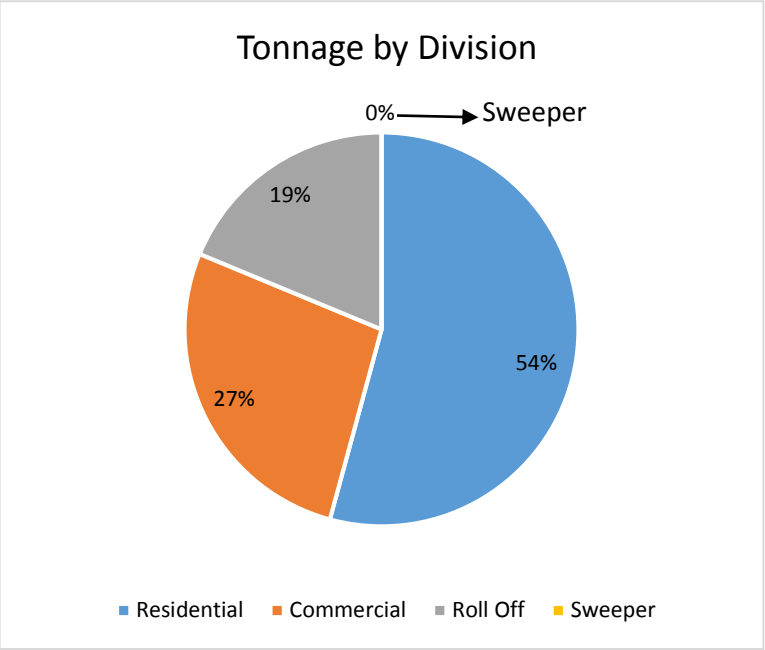
Solid Waste

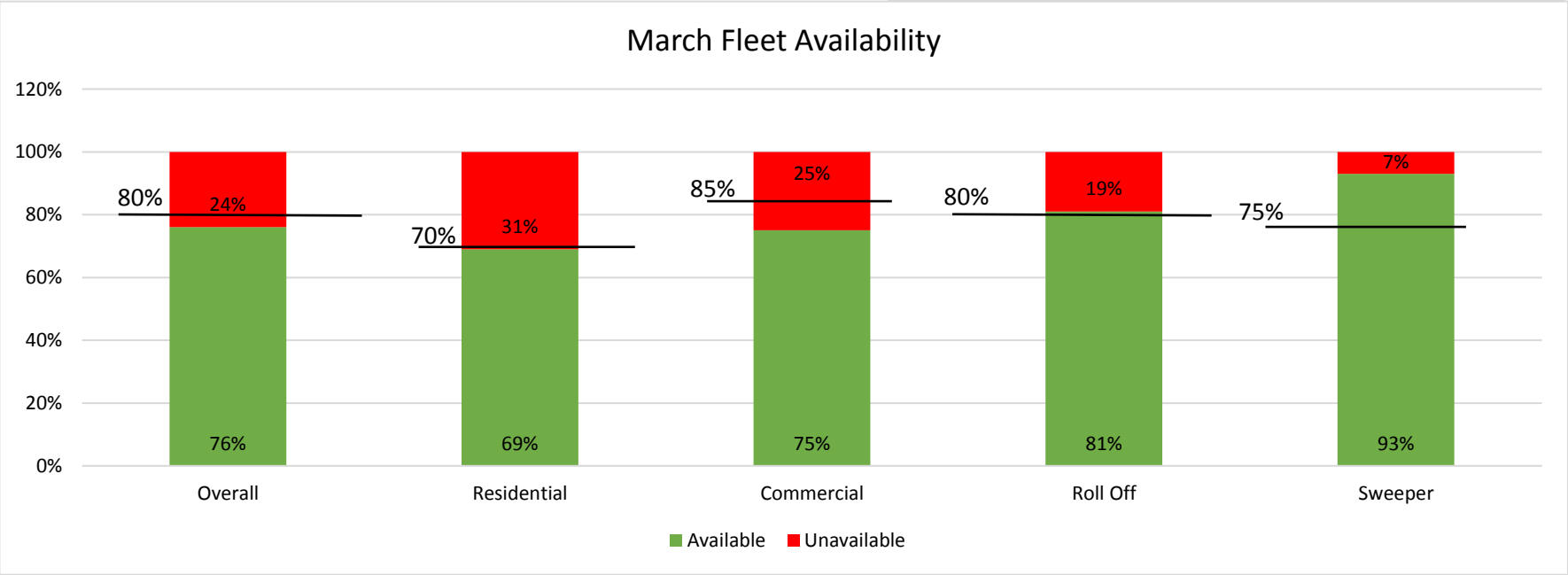
Fleet Availability - The minimum availability of the vehicles in each division in a month in order to deliver timely and reliuable service

Overall	*Residential*	*Commercia*	*Roll Off*	*Sweeper*
80%	70%	85%	80%	75%

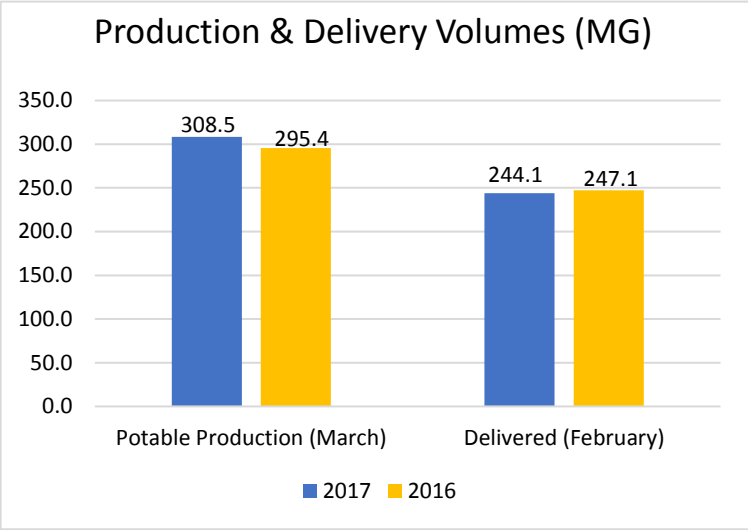
City of Tulare Solid Waste Dashboard
March 2017

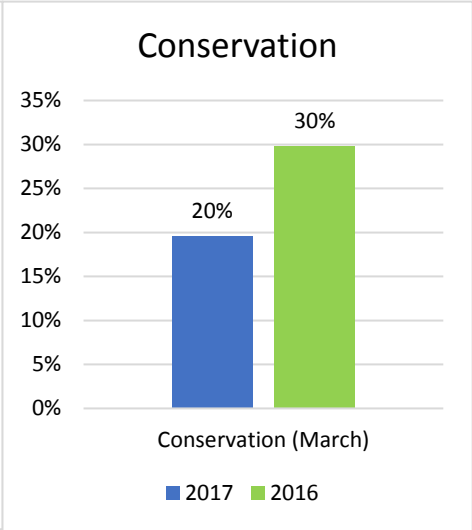


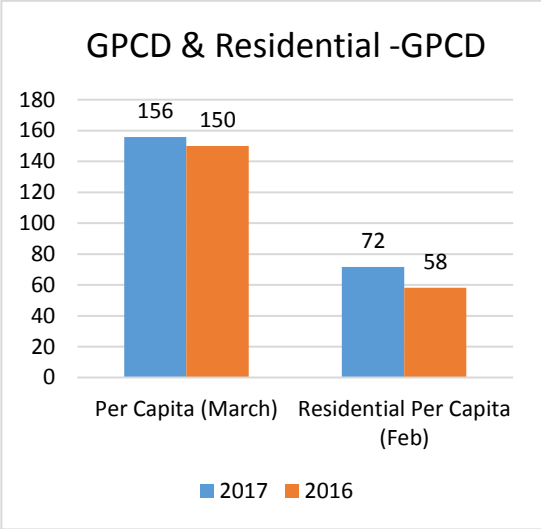


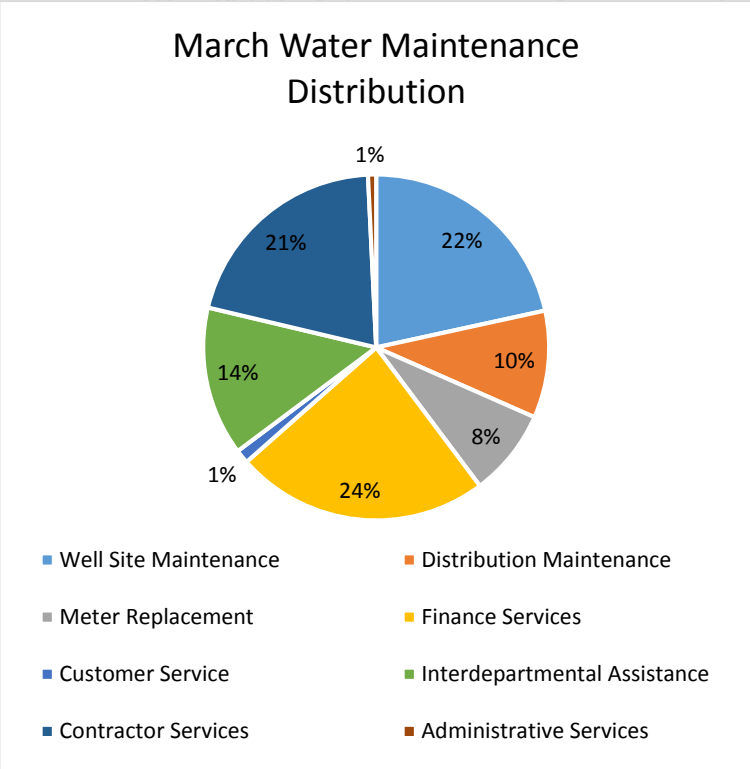


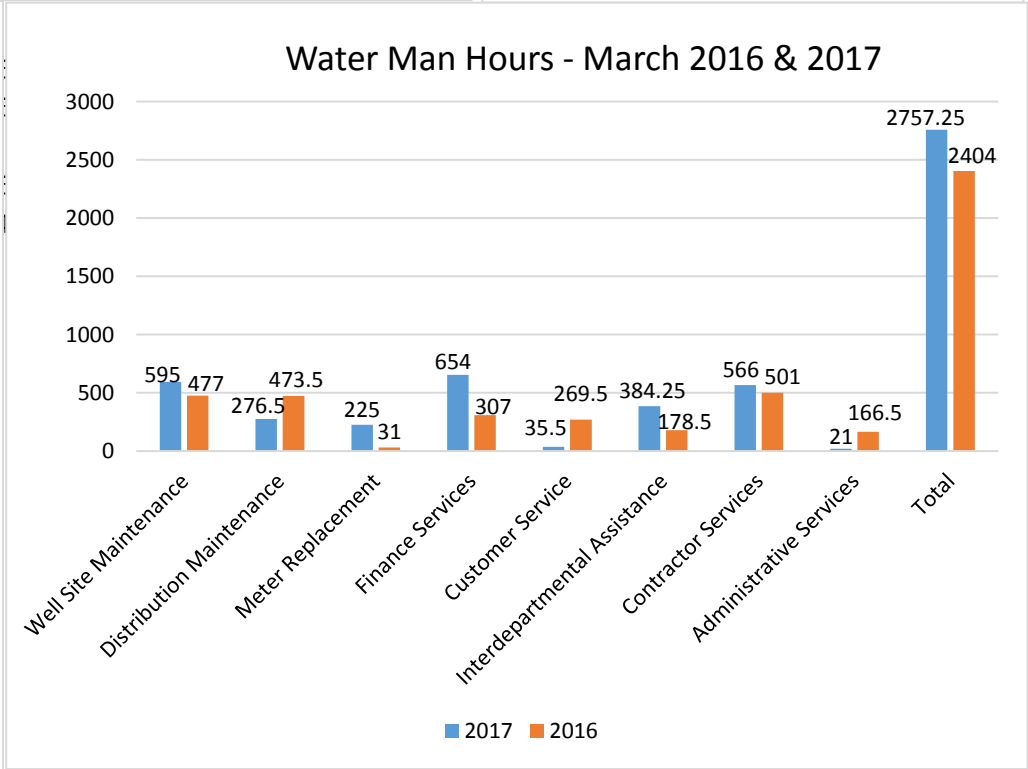
City of Tulare Water Division
March 2017 Dashboard











City of Tulare Monthly Dashboard
Surface Water Managment Legend

-> The metric falls within acceptable standards

-> the metric falls outside of acceptable standards

-> There is currently no established standard for this metric

Parameters

Lineal Feet Televised	→	N/A
Hours per 100 ln ft	→	NA
Lineal Feet Cleaned	→	N/A
Hours per 100 ln ft	→	NA
Lift Station Maintenance	→	At least 4 Lift Stations maintained/ week
Lift Station Maintenance (hours)	→	NA
Drain Inlets Cleaned	→	NA
Avg hours per D.I.	→	NA
Storm Drain Repair	→	NA
SSO Events	→	Zero SSO events/week
Basins Cleaned	→	NA
Avg hours per Basin	→	Less than or equal to 30 minutes per basin
Number of Callouts	→	NA
Callout Avg Response Time	→	NA

Note: Performance parameters are currently under review

City of Tulare Surface Water Division

March Dashboard

Services	Partial	Wk 1	Wk 2	Wk3	Wk4	Partial	MTD
Maintenance Activities							
Lineal Feet Televised							
Hours per 100 ln ft							
Lineal Feet Cleaned							
Hours per 100 ln ft							
Lift Station Maintenance	1	14	6	20	1		42
Lift Station Maintenance (hours)	11	21	2	13	16		63
Drain Inlets Cleaned				3	5		8
Avg hours per D.I.				1.3	2		1.75
Storm Drain Repair							
Roadside pumping		2		14			16
Basins Cleaned	2	2	8	5	4		21
Avg hours per Basin	2	3	4.1	13.6	17		5.7
Number of Callouts							
Callout Avg Response Time							

City of Tulare Monthly Dashboard
WWTP Legend

-> The metric falls within acceptable standards

-> the metric falls outside of acceptable standards

-> There is currently no established standard for this metric

Parameters

Water Discharge - under 40mg/liter per day or 40mg/liter monthly avg for BOD and TSS

Violations - These will be identified along with the date of violation

Title 22 Discharge Parameters

as a contextual guide for our current permit and plant performance

1. BOD - Non Detect(ND)
2. TSS- <5mg/l
3 Nitrogen - <10mg/l
4. Ammonia - <10mg/l
5. Crypto Virus - Non detect(ND)
6. Giardia- Non detect(ND)
7. TOC- <0.5mg/l

Abbreviations

mg/l - milligrams per liter
ND - Non Detect
BOD - Biological Oxygen Demand
TSS- Total Suspended Solids
TOC - Total Organic Carbon
WO - Work Order
PM - Preventative Maintenance
Cor - Corrective Maintenance

Definitions

TSS - Total Suspended Solids.
Particles larger than 2 microns found in the water column. Generally comprised of inorganic compounds.

TOC - Total Organic Carbon.
Total of organic (carbon based) contaminants in the water system.

Giardia & Cryptosporidiosis (Crypto)
These are viruses related to fecal contamination. For Title 22 grade effluent, they must be eradicated.

**BOD testing is run twice a week. The first and third week of the month will be Tuesday and Thursday. The second and fourth week will be Monday and Wednesday.

pH
A measure of the acidity or alkalinity of a substance. The allowable pH range determined by ordinance is 7-11.

Efficiency
Staff has identified a target efficiency for BOD, TSS, ammonia and Nitrogen of 90% or greater

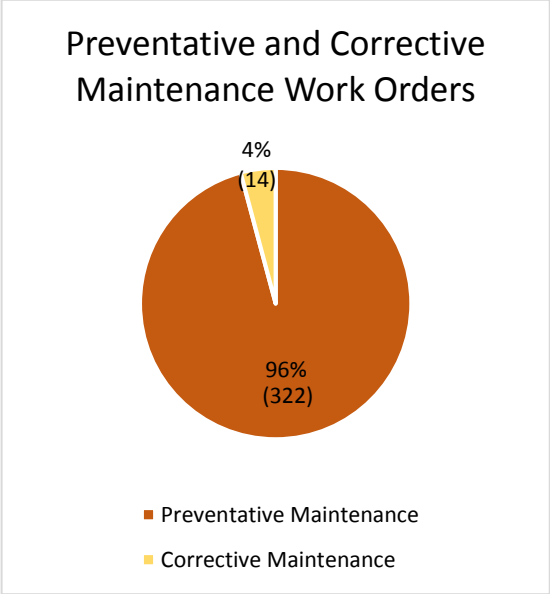
City of Tulare WWTP Division
March Dashboard

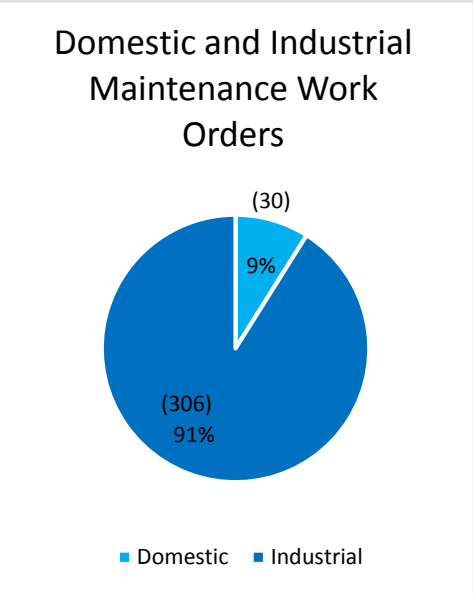
Compliance				
	BOD <40mg/l	TSS <40mg/l	Ammonia <10mg/l	Nitrogen <10mg/l
Efficiency	90%	90%	100%	95%
Sample Avg (mg/l)	31.6	17.5	0.2	3.1

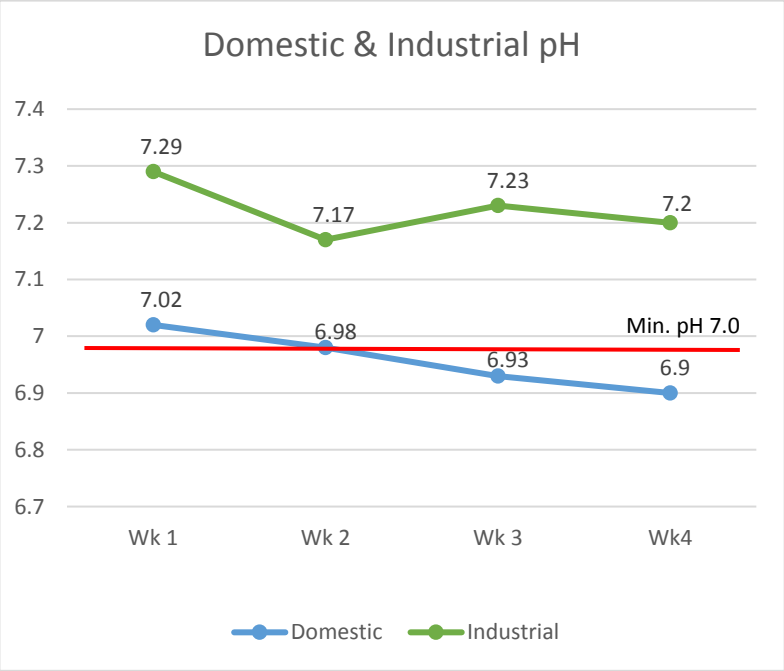
Air Permits	
# of Permits	20
# Compliant	20

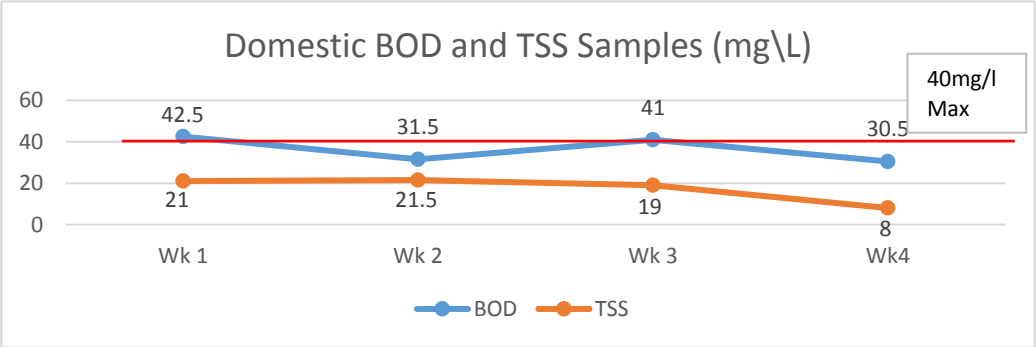
Influent (MG)	Domestic	Industrial
Daily Avg	4.11	7.1
Total Month	127.37	201.49
Daily Peak	5.34	9.24

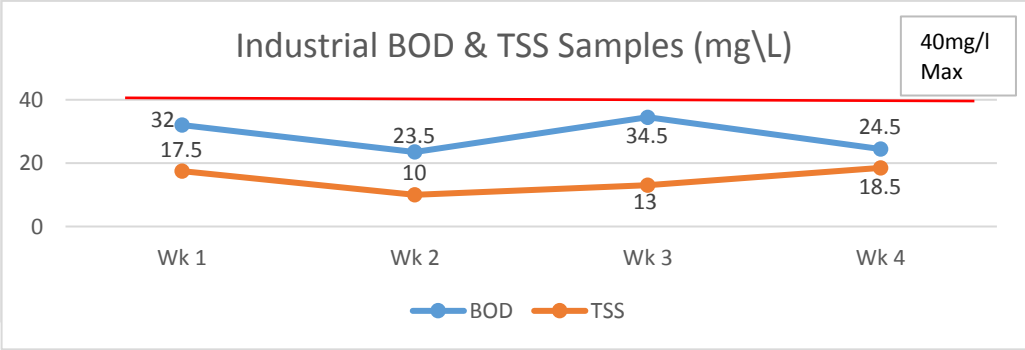
Effluent (MG)	
Combined	347.41



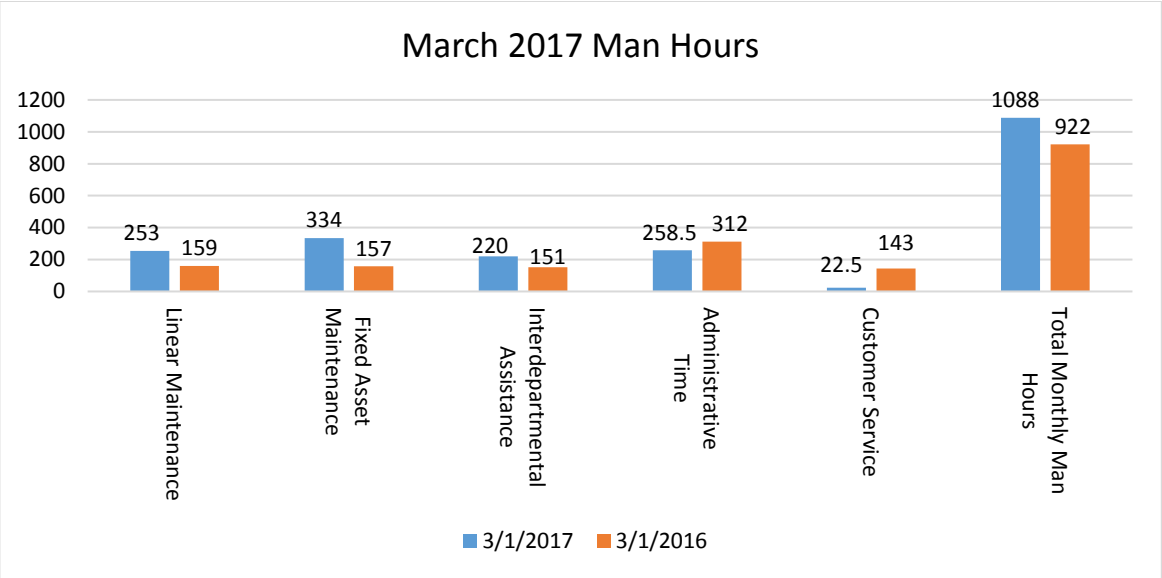


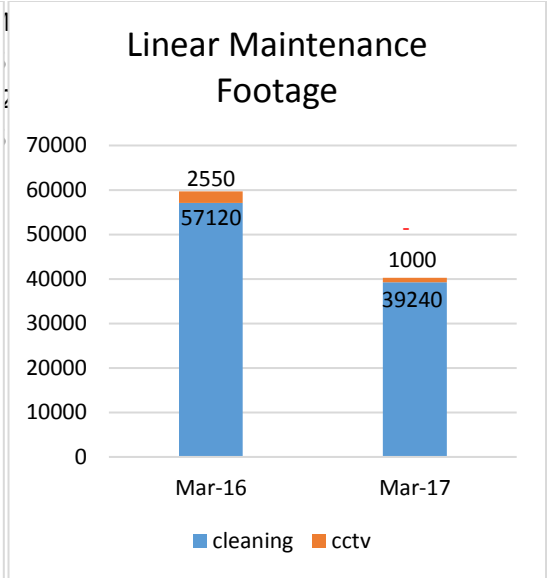


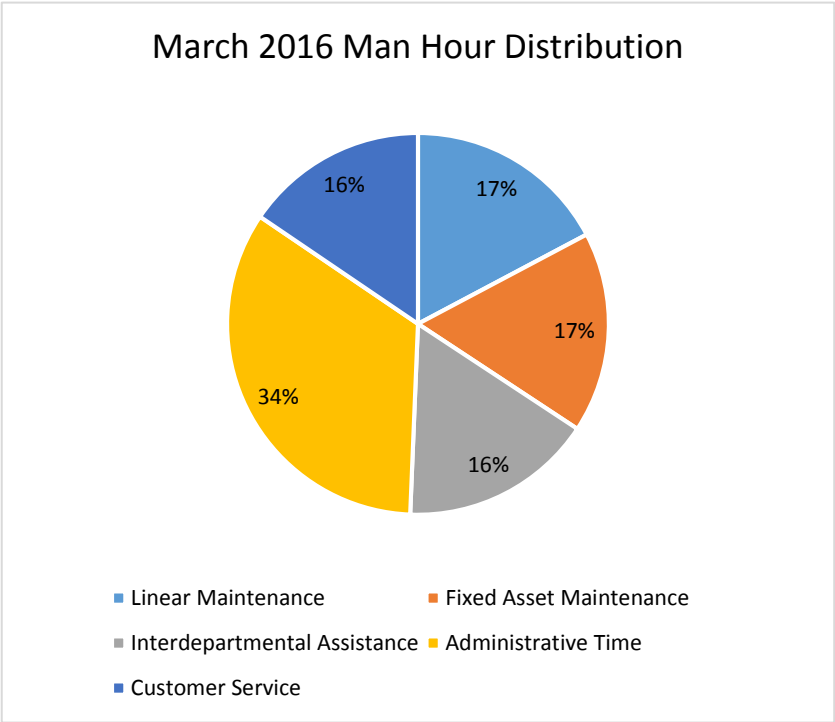


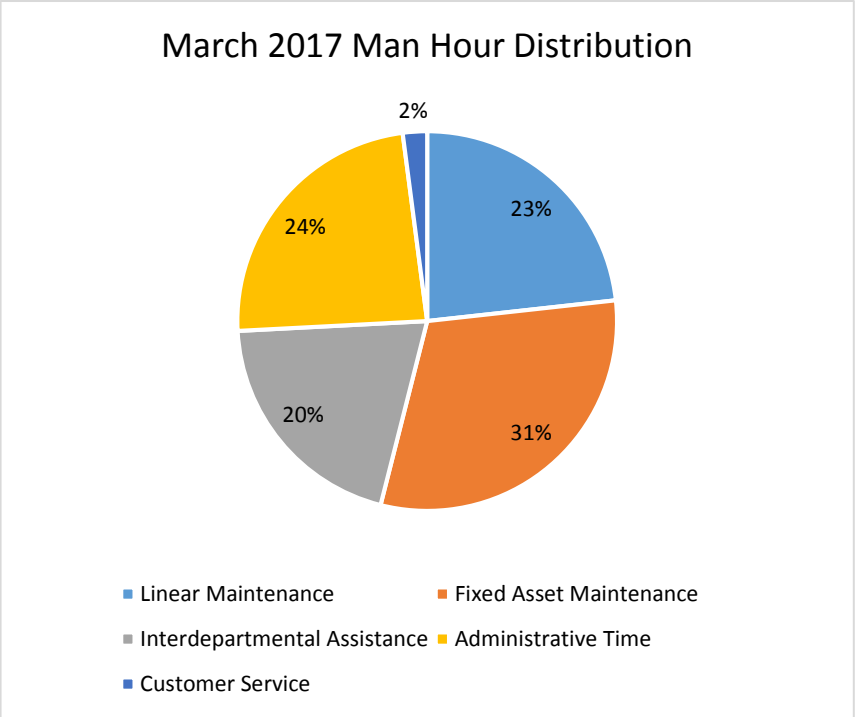


City of Tulare Sewer Collections Division
March 2017 Dashboard









AGENDA ITEM: Gen Bus 1

CITY OF TULARE, CALIFORNIA
BOARD OF PUBLIC UTILITIES COMMISSIONERS
AGENDA ITEM TRANSMITTAL SHEET

Submitting Department: City Manager's Office

For Board Meeting of: April 20, 2017

Documents Attached: ☐Ordinance ☐Resolution ☐Staff Report ☒Other ☐None

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AGENDA ITEM:
Receive for review the proposed Capital Improvements Projects Budget for Fiscal Years (FY) 2017-2022 and direct staff to make any modifications prior to presenting them to the Planning Commission.

IS PUBLIC HEARING REQUIRED: ☐ Yes ☒ No

BACKGROUND/EXPLANATION:
At the Projects Budget Workshop held on January 27, 2017, a list of proposed projects for FY 2017-2022 was presented to the City Council and the Board of Public Utilities. The scopes of the utility and associated transportation/infrastructure capital improvement projects were presented. Pursuant to Government Code (G.C.) 65401, this list of projects will be presented to the Planning Commission for review for conformity to the City's General Plan. In order to meet the current schedule for Budget adoption, this is currently planned to be presented to the Planning Commission at their regularly scheduled meeting on April 24, 2017. Therefore, any desired changes to the list of projects or scopes would need to be incorporated prior to this presentation.

Attached for review is the complete utility funded Projects Budget which includes the following:

1. Funding Source Summary Report;
2. Project Cost/Funding by Division Report;
3. Individual Project Sheets

STAFF RECOMMENDATION:
Receive for review the proposed Capital Improvements Projects Budget for Fiscal Years (FY) 2017-2022 and direct staff to make any modifications prior to presenting it to the Planning Commission.

CITY ATTORNEY REVIEW/COMMENTS: ☐ Yes ☒ N/A

IS ADDITIONAL (NON-BUDGETED) FUNDING REQUIRED: ☐ Yes ☐ No ☒ N/A

FUNDING SOURCE/ACCOUNT NUMBER:

Submitted by: Nick Bartsch **Title: Senior Project Manager**

Date: April 11, 2017 **City Manager Approval: _____**

City of Tulare
2017-2022 Projects Budget

SOLID WASTE PROJECTS

Five Year List:

SO2016-1	Equipment Camera Systems
SO2016-2	Container Storage Lot Improvements

PROJECT EXPENSES	FISCAL YEARS 2017-2018	2021-2022	Grand Total
Solid Waste	**$40,000**	**$175,500**	**$215,500**
Equipment Camera Systems	$40,000		$40,000
Container Storage Lot Improvements		$175,500	$175,500
Grand Total	**$40,000**	**$175,500**	**$215,500**

FUNDING SOURCES	FISCAL YEARS 2017-2018	2021-2022	Grand Total
612 Solid Waste CIP	$40,000	$170,500	$210,500
894 Solid Waste Salaries		$5,000	$5,000
Grand Total	**$40,000**	**$175,500**	**$215,500**

Solid Waste Project

PROJECT # SO2016-1
Equipment Camera Systems
(Operations)
(Capital)
Districts 1,2,3,4,5

PROJECT MANAGER: Frank Rodriguez

PROJECT DESCRIPTION & PURPOSE: Purchase and Installation of equipment camera systems with DVR and Event buttons to improve on efficiency and safety.

KEY POINTS: Purchase and Installation of camera and DVR systems on Solid Waste equipment.

PROJECT STATUS: Request for Funding 2017-2018 Project Cycle

PROJECTED START DATE: 7/1/2018

PROJECTED END DATE: 11/30/2018

FUTURE M & O:
(Additional Cost & Department Responsibility) This project will increase Solid Waste Division's M & O commencing July 2018 in the amount of $7,000.

CRITERIA (1-8): Criteria 4: Project represents an investment that will return real cash savings over an identifiable investment horizon and that return

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Purchase and Installation	$40,000	$0	$0	$0		$40,000	$0
	$0	$0	$0	$0		$0	$0
	$0	$0	$0	$0		$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$40,000	$0	$0	$0	$0	$40,000	$0
Funding Sources							
612 Solid Waste CIP	$40,000	$0	$0	$0		$40,000	$0
	$0	$0	$0	$0		$0	$0
Total Funding:	$40,000	$0	$0	$0	$0	$40,000	$0

Solid Waste Project

PROJECT # SO2016-2
Container Storage Lot Improvements
(Capital)
(Capital)
Districts 1,2,3,4,5

PROJECT MANAGER: Frank Rodriguez

PROJECT DESCRIPTION & PURPOSE: Property to be fenced in and secured for container storage. Required improvements to lot, Goodin and South K Street will be made.

KEY POINTS: Construction and improvements on empty lot located at north west corner of South K Street and Goodin.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2021

PROJECTED END DATE: 7/1/2022

FUTURE M & O:
(Additional Cost & Department Responsibility) The ongoing M&O expense related to this project is already included in Solid Waste Division's annual M&O budget.

CRITERIA (1-8): Criteria 5: Project extends an existing City Program or function to meet the Council's vision and explicit direction.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Construction	$0	$0	$0	$0	$155,000	$155,000	$0
Staff Time	$0	$0	$0	$0	$5,000	$5,000	$0
Contingency - 10%	$0	$0	$0	$0	$15,500	$15,500	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$0	$0	$0	$175,500	$175,500	$0
Funding Sources							
612 Solid Waste CIP	$0	$0	$0	$0	$170,500	$170,500	$0
~~612~~ 804 Solid Waste Salaries	$0	$0	$0	$0	$5,000	$5,000	$0
Total Funding:	$0	$0	$0	$0	$175,500	$175,500	$0

City of Tulare
2017-2022 Projects Budget

ADMIN PROJECTS

Five Year List:

CM0004	Matching/Contingency Fund
CM2016-1	City Hall Security Upgrade
FL2016-1	**Automated Fluid Dispensing System**
FL2016-2	**Rehabilitate Fuel Service Bunker**
FL2016-3	**Fuel Island Stanby Generator Corporation Yard**
FL2016-4	**Aqueous Parts Washer Cabinet**
FL2016-5	Aerial Lift Truck
FM0016	Annual Facilities Capital Maintenance
FM2016-1	City Hall Roof
FM2016-2	**Training Room Corporation Yard**
FM2016-4	Library Standby Batteries
FM2016-5	**Standby Battery Power for Corp Yard**
FM2016-6	Youth Center Pre Coolers
FM2016-7	PD Standby Generator
FM2016-9	Airport - Rehabilitation of South End Taxi Lane
FM2016-11	Airport - Reconfiguration Design Taxi Way
FM2016-13	**WWTP Administration Roof**
FM2016-14	**Corporation Yard Phase 1-3**
FM2016-15	**Corporation Yard Building Project**
FM2016-16	Airport - Relocate Segmented Circle & Wind Cones
HR2016-1	ADA Compliance Upgrades - City Facilities

PROJECT EXPENSES	FISCAL YEARS 2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	Grand Total
City Manager's Office	**$25,000**		**$25,000**	**$25,000**	**$25,000**	**$100,000**
Fleet	**$180,000**		**$45,000**			**$225,000**
Aerial Lift Truck	$140,000					$140,000
Aqueous Parts Washer Cabinet	**$10,000**					**$10,000**
Automated Fluid Dispensing System	**$25,000**					**$25,000**
Fuel Island Standby Generator Corp Yard			**$45,000**			**$45,000**
Rehabilitate Fuel Island Service Bunker	**$5,000**					**$5,000**
Facilities Maintenance	**$1,010,000**	**$2,309,200**	**$1,585,000**	**$175,000**	**$175,000**	**$5,254,200**
Airport - Reconfiguration Design Taxi Wa			$140,000			$140,000
Airport - Rehabilitation of South End Taxi Lane		$650,000				$650,000
Annual Facilities Capital Maintenance	$25,000	$15,000	$25,000	$25,000	$25,000	$115,000
City Hall Roof	**$75,500**					**$75,500**
Corporation Yard Phase 1-3	**$750,000**	**$1,400,000**	**$1,270,000**			**$3,420,000**
Library Standby Batteries	$14,000					$14,000
PD Standby Generator		$187,000				$187,000

Standby Battery Power for Corp Yard	**$5,000**					**$5,000**
Training Room Corp Yard	**$20,000**					**$20,000**
WWTP Administration Roof	**$95,500**					**$95,500**
Youth Center Pre Coolers		$57,200				$57,200
Corporation Yard Building Project			**$150,000**	**$150,000**	**$150,000**	**$450,000**
Airport - Relocate Segmented Circle & Wind Cones	$25,000					$25,000
Human Resources	**$40,000**	**$40,000**	**$40,000**	**$40,000**	**$40,000**	**$200,000**
Grand Total	**$1,255,000**	**$2,349,200**	**$1,695,000**	**$240,000**	**$240,000**	**$5,779,200**

FUNDING SOURCES	FISCAL YEARS 2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	Grand Total
009 Transit Fixed Route		$150,000				$150,000
601 Other General Fund CIP	$355,500	$147,950	$280,200	$240,000	$240,000	$1,263,650
610 Water CIP Fund	**$8,000**	**$500,000**	**$506,500**			**$1,014,500**
612 Solid Waste CIP	**$524,750**	**$500,000**	**$522,750**			**$1,547,500**
615 SEWER/WASTEWATER CIP	**$352,750**	**$250,000**	**$253,250**			**$856,000**
623 Equipment Replacement Fund	$14,000	$187,000				$201,000
605 FAA ACIP Grant		$585,000	$126,000			$711,000
605 State Caltrans Grant		$29,250	$6,300			$35,550
Grand Total	**$1,255,000**	**$2,349,200**	**$1,695,000**	**$240,000**	**$240,000**	**$5,779,200**

Admin Project

PROJECT # FL 2016-1
Automated Fluid Dispensing System
(Capital)
(Capital)
Districts 1, 2, 3, 4, 5

PROJECT MANAGER: Steve Bonville

PROJECT DESCRIPTION & PURPOSE: Retrofit curent manual overhead oil dispensing system to automated and regulated process.

KEY POINTS: Uncontrolled use of overhead fluid dispensing system will reduce product loss, accurately track fluid use and put all control of dispensing to admin personnel.

PROJECT STATUS: Request for funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2018

FUTURE M & O:
(Additional Cost & Department Responsibility) No additional costs; future savings of product loss, accurate vehicle reporting

CRITERIA (1-8): Criteria 8: Project replaces a capital asset that could reduce or eliminate the City's ability to operate a core program at some future time if it is not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Construction / Installation Costs	$25,000	$0	$0	$0	$0	$25,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$25,000	$0	$0	$0	$0	$25,000	$0
Funding Sources							
601 Other General Fund CIP	$10,000	$0	$0	$0	$0	$10,000	$0
612 Solid Waste CIP	$9,000	$0	$0	$0	$0	$9,000	
610 Water CIP Fund	$4,500	$0	$0	$0	$0	$4,500	$0
615 SEWER/WASTEWATER CIP	$1,500	$0	$0	$0	$0	$1,500	$0
Total Funding:	$25,000	$0	$0	$0	$0	$25,000	$0

Admin Project

PROJECT # FL 2016-2
Rehabilitate Fuel Island Service Bunker
(Capital)
(Capital)
3

PROJECT MANAGER: Steve Bonville

PROJECT DESCRIPTION & PURPOSE: Rehabilitate Fuel Island Bunker to provide 24 hour water , air and service to City vehicles

KEY POINTS: Allows City vehicles to air tires, add water and service basic fluids after hours while at the fuel island. Will be future site for vehicle supply vending for after hours.

PROJECT STATUS: Request for funding 2017-2022 Project Cycle

PROJECTED START DATE: 10/1/2017

PROJECTED END DATE: 12/1/2017

FUTURE M & O:
(Additional Cost & Department Responsibility) None

CRITERIA (1-8): Criteria 8: Project replaces a capital asset that could reduce or eliminate the City's ability to operate a core program at some future time if it is not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Equipment / Compessor	$1,500	$0	$0	$0	$0	$1,500	$0
Hose Reels	$1,200	$0	$0	$0	$0	$1,200	$0
Lighting	$800	$0	$0	$0	$0	$800	$0
Staff Time	$1,500	$0	$0	$0	$0	$1,500	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$5,000	$0	$0	$0	$0	$5,000	$0
Funding Sources							
612 Solid Waste CIP	$5,000	$0	$0	$0	$0	$5,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Funding:	$5,000	$0	$0	$0	$0	$5,000	$0

Admin Project

PROJECT # FL 2016-3
Fuel Island Standby Generator Corporation Yard
(Capital)
(Capital)
Districts 1, 2, 3, 4, 5

PROJECT MANAGER: Steve Bonville

PROJECT DESCRIPTION & PURPOSE: Replace CNG powered standby generator that powers the City fuel station and the Clean Energy station with a Diesel powered generator.

KEY POINTS: City unleaded and diesel fuel relies on the availability of CNG to provide backup power, present generator is not capable of sustained power for CNG station and is CNG powered.

PROJECT STATUS: Request for funding 2017-2022 Project Cycle

PROJECTED START DATE: 3/1/2018

PROJECTED END DATE: 6/1/2018

FUTURE M & O:
(Additional Cost & Department Responsibility) Increase to the Equipment Replacement fund of $2,250 annually split amongth Corp Yard departments for future replacement in 20 years.

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Equipment	$0	$0	$40,000	$0	$0	$40,000	$0
Permiting and Instalation	$0	$0	$5,000	$0	$0	$5,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$0	$45,000	$0	$0	$45,000	$0
Funding Sources							
601 Other General Fund CIP	$0	$0	$22,500	$0	$0	$22,500	$0
610 Water CIP	$0	$0	$4,500	$0	$0	$4,500	$0
612 Solid Waste CIP	$0	$0	$15,750	$0	$0	$15,750	$0
615 Sewer/Wastewater CIP	$0	$0	$2,250	$0	$0	$2,250	$0
Total Funding:	$0	$0	$45,000	$0	$0	$45,000	$0

Admin Project

PROJECT # FL 2016-4
Aqueous Parts Washer Cabinet
(Capital)
(Capital)
Districts 1, 2, 3, 4, 5

PROJECT MANAGER: Steve Bonville

PROJECT DESCRIPTION & PURPOSE: Replacement of parts washer that is over 11 years old / addition of portable washer in service bays

KEY POINTS: New technology allows for more environmentally friendly chemical cleaning use and quick cleaning times. The addition of smaller wash areas will be more efficient in the shop for small parts.

PROJECT STATUS: Request for funding 2017-2022 Project Cycle

PROJECTED START DATE: 8/1/2017

PROJECTED END DATE: 9/1/2017

FUTURE M & O:
(Additional Cost & Department Responsibility) Increase to the Equipment Replacement fund of $1,000 annually from the Fleet Dept for future replacement (10 year life)

CRITERIA (1-8): Criteria 8: Project replaces a capital asset that could reduce or eliminate the City's ability to operate a core program at some future time if it is not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Equipment	$10,000	$0	$0	$0	$0	$10,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$10,000	$0	$0	$0	$0	$10,000	$0
Funding Sources							
601 Other General Fund CIP	$2,500	$0	$0	$0	$0	$2,500	$0
612 Solid Waste CIP	$5,000	$0	$0	$0	$0	$5,000	$0
615 SEWER/WASTEWATER CIP	$2,500	$0	$0	$0	$0	$2,500	$0
Total Funding:	$10,000	$0	$0	$0	$0	$10,000	$0

Admin Project

PROJECT # FM 2016-2
Training Room Corporation Yard
(Capital)
(Conceptual)
Districts 1, 2, 3, 4, 5

PROJECT MANAGER: Steve Bonville

PROJECT DESCRIPTION & PURPOSE: Modify excess space and the addition of audio visual equipment in the Fleet break room to allow for large training groups and meetings at the Corporation Yard

KEY POINTS: Excess break room space at corporation yard goes unused. No dedicated training facility other than City Hall for larger groups. Can be used for other Departments located on site.

PROJECT STATUS: Request funding for 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2018

FUTURE M & O:
(Additional Cost & Department Responsibility) None

CRITERIA (1-8): Criteria 6: Project creates a new City program or function to meet the Council's vision and explicit direction.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Room Configuration	$5,000	$0	$0	$0	$0	$5,000	$0
Audio Visual Equipment	$10,000	$0	$0	$0	$0	$10,000	$0
Furnishings	$5,000	$0	$0	$0	$0	$5,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$20,000	$0	$0	$0	$0	$20,000	$0
Funding Sources							
601 Other General Fund CIP	$10,000	$0	$0	$0	$0	$10,000	$0
610 Water CIP Fund	$3,000	$0	$0	$0	$0	$3,000	
615 SEWER/WASTWATER CIP	$3,000	$0	$0	$0	$0	$3,000	$0
612 Solid Waste CIP	$4,000	$0	$0	$0	$0	$4,000	$0
Total Funding:	$20,000	$0	$0	$0	$0	$20,000	$0

Admin Project

PROJECT # FM 2016-5
Standby Battery Power for Corp Yard
(Capital)
(Equipment Replacement)
Districts 1, 2, 3, 4, 5

PROJECT MANAGER: Steve Bonville

PROJECT DESCRIPTION & PURPOSE: Upgrade standby battery power supply to provide phone and internet service to the Corporation Yard during power failures. Present capacity is less than 45 minuets before phones and internet is lost.

KEY POINTS: Corpyard internet and phones are not powered by standby generators in the event pf power failure and have only a 45 minute capacity. More capacity is needed.

PROJECT STATUS: Request for funding 2017-2022 Project Cycle

PROJECTED START DATE: 11/1/2017

PROJECTED END DATE: 12/1/2017

FUTURE M & O:
(Additional Cost & Department Responsibility) Increase to the Equipment Replacement fund of $1,000 annually split amongst Corp Yard departments for future replacement.

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Equipment	$5,000	$0	$0	$0	$0	$5,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$5,000	$0	$0	$0	$0	$5,000	$0
Funding Sources							
601 Other General Fund CIP	$2,500	$0	$0	$0	$0	$2,500	$0
610 Water CIP	$500	$0	$0	$0	$0	$500	$0
612 Solid Waste CIP	$1,750	$0	$0	$0	$0	$1,750	$0
615 Sewer/Wastewater CIP	$250	$0	$0	$0	$0	$250	$0
Total Funding:	$5,000	$0	$0	$0	$0	$5,000	$0

Admin Project

PROJECT # FM 2016-13
WWTP Administration Roof
(Capital)
(Maintenance & Repair)
Districts 1, 2, 3, 4, 5

PROJECT MANAGER: Steve Bonville

PROJECT DESCRIPTION & PURPOSE: Replacement Building Roof

KEY POINTS:

Roof has severe rust damage due to leaking and un repaired coolers and need replacement

PROJECT STATUS:

Request for funding 2017-2022 Project Cycle

PROJECTED START DATE: 9/1/2017

PROJECTED END DATE: 12/1/2017

FUTURE M & O:
(Additional Cost & Department Responsibility)

Roof should be placed on 20 year life cycle.

CRITERIA (1-8):

Criteria 3: Project replaces a capital asset that will more likely than not reduce or eliminate the City's ability to operate a core program within the next fiscal year if not replaced or repaired.

	Fiscal Year						
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	Total	Unfunded
Costs Description							
Roofing Repair and Recover	$85,000	$0	$0	$0	$0	$85,000	$0
Permitting	$1,500	$0	$0	$0	$0	$1,500	$0
Staff Time	$2,500	$0	$0	$0	$0	$2,500	$0
Contingency (10% cost of project)	$6,500	$0	$0	$0	$0	$6,500	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$95,500	$0	$0	$0	$0	$95,500	$0
Funding Sources							
615 Sewer/Wastewater CIP Fund	$95,500	$0	$0	$0	$0	$95,500	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Funding:	$95,500	$0	$0	$0	$0	$95,500	$0

Admin Project

PROJECT # FM2016-14
Corporation Yard Phase 1-3
(Capital)
(Capital)
Districts 1,2,3,4,5

PROJECT MANAGER: Joe Carlini

PROJECT DESCRIPTION & PURPOSE:

Pavement and drainage improvements to the City Corporation Yard. This project makes needed improvements to the failed pavement and lack of drainage that pose safety concerns and damage to equipment. The project also makes necessary security improvements to the fencing and upgrades the entry gate to RFID technology to better secure the yard and allow authorized vehicles to enter without exiting the vehicle.

KEY POINTS:

The scope of this project addresses issues as identified in the recent Corporation Yard pavement and drainage master plan. Phases 1-3 will be done at this time and the balance will be addressed as a separate project in the future as funding becomes available.

PROJECT STATUS:

Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 12/30/2019

FUTURE M & O:
(Additional Cost & Department Responsibility)

None

CRITERIA (1-8):

Criteria 8: Project replaces a capital asset that could reduce or eliminate the City's ability to operate a core program at some future time if it is not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
Costs Description							
001 - Conceptual	$0	$0	$0	$0	$0	$0	$0
002 - Preliminary Design	$0	$0	$0	$0	$0	$0	$0
003 - Environmental	$0	$0	$0	$0	$0	$0	$0
004 - Final Design	$300,000	$0	$0	$0	$0	$300,000	$0
005 - Construct/Implement	$0	$1,850,000	$1,270,000	$0	$0	$3,120,000	$0
006 - Close Out	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$300,000	$1,850,000	$1,270,000	$0	$0	$3,420,000	$0
Funding Sources							
610 Water Fund	$0	$500,000	$502,000	$0	$0	$1,002,000	$0
612 Solid Waste Fund	$500,000	$500,000	$507,000	$0	$0	$1,507,000	$0
615 Sewer/Wastewater Fund	$250,000	$250,000	$251,000	$0	$0	$751,000	$0
009 Transit Fixed Route	$0	$150,000	$0	$0	$0	$150,000	
601 Other Generl Fund CIP	$0	$0	$10,000	$0	$0	$10,000	$0
Total Funding:	$750,000	$1,400,000	$1,270,000	$0	$0	$3,420,000	$0

Admin Project

PROJECT # FM2016-15
Corporation Yard Building Project
(Capital)
(Capital)
Districts 1,2,3,4,5

PROJECT MANAGER: Joe Carlini

PROJECT DESCRIPTION & PURPOSE: Conceptual project to address needed Building improvements/replacements at the City Corporation Yard. This project will address deteriorating and non-compliant office and shop facilities.

KEY POINTS: The ultimate funding for this project will be provided from various departments/funds and allocated accordingly based on amount of the facility utilized by each. The project and future funding will extend beyond the 5-year outlook identified below. Additional funding to be determined.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2022

FUTURE M & O:
(Additional Cost & Department Responsibility) None

CRITERIA (1-8): Criteria 8: Project replaces a capital asset that could reduce or eliminate the City's ability to operate a core program at some future time if it is not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
Costs Description							
001 - Conceptual	$0	$0	$150,000	$150,000	$150,000	$450,000	$0
002 - Preliminary Design	$0	$0	$0	$0	$0	$0	$0
003 - Environmental	$0	$0	$0	$0	$0	$0	$0
004 - Final Design	$0	$0	$0	$0	$0	$0	$0
005 - Construct/Implement	$0	$0	$0	$0	$0	$0	$0
006 - Close Out	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$0	$150,000	$150,000	$150,000	**$450,000**	$0
Funding Sources							
601 Other Generl Fund CIP	$0	$0	$150,000	$150,000	$150,000	$450,000	$0
610 Water Fund	$0	$0	$0	$0	$0	$0	$0
612 Solid Waste Fund	$0	$0	$0	$0	$0	$0	$0
615 Sewer/Wastewater Fund	$0	$0	$0	$0	$0	$0	
009 Transit Fixed Route	$0	$0	$0	$0	$0	$0	$0
Total Funding:	$0	$0	$150,000	$150,000	$150,000	**$450,000**	$0

City of Tulare
2017-2022 Projects Budget

WATER PROJECTS

Five Year List:

WT0030	Annual Meter Replacement
WT2016-1	TCP Treatment
WT2016-2	Groundwater Recharge Basins
WT2016-3	Electrical System Upgrades
WT2016-4	Generators
WT2016-5	Well 40 Treatment
WT2016-6	Well Rehabilitation
WT2016-7	Well 4-5
WT2016-8	Well 4-7
WT2016-9	SRF Grant Project
WT2016-10	Water Meter Infrastructure Upgrade
WT2016-11	Backhoe Replacement
WT2016-12	Hydraulic Model
WT2016-13	GIS System
WT2016-14	Well 4-2
WT2016-15	Cartmill Economic Development

PROJECT EXPENSES	FISCAL YEARS 2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	Grand Total
Water	**$9,142,350**	**$8,760,350**	**$6,502,059**	**$4,377,536**	**$3,675,000**	**$32,457,295**
Annual Meter Replacement	$584,350	$584,350	$589,268	$602,536		$2,360,504
Backhoe Replacement		$145,000				$145,000
Cartmill Economic Development			$2,000,000			$2,000,000
Electrical System Upgrades	$150,000	$150,000	$150,000	$150,000	$150,000	$750,000
Generators	$125,000		$125,000	$125,000	$125,000	$500,000
GIS System		$200,000	$100,000	$100,000		$400,000
Groundwater Recharge Basin	$200,000	$200,000	$200,000	$200,000	$200,000	$1,000,000
Hydraulic Model		$150,000				$150,000
SRF Grant Project	$383,000	$2,617,500				$3,000,500
TCP Treatment	$3,000,000	$3,000,000	$3,000,000	$3,000,000	$3,000,000	$15,000,000
Water Meter Infrastructure Upgrade		$13,500	$137,791			$151,291
Well 40 Treatment	$1,500,000					$1,500,000
Well 4-2		$1,500,000				$1,500,000
Well 4-5	$1,500,000					$1,500,000
Well 4-7	$1,500,000					$1,500,000
Well Rehabilitation	$200,000	$200,000	$200,000	$200,000	$200,000	$1,000,000
Grand Total	**$9,142,350**	**$8,760,350**	**$6,502,059**	**$4,377,536**	**$3,675,000**	**$32,457,295**

FUNDING SOURCES	FISCAL YEARS 2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	Grand Total
010 Water Fund - Salaries	$10,000	$12,500	$15,000	$10,000		$47,500
010-4611-6003	$137,000	$137,000	$137,000	$137,000		$548,000
260 DIF Water Supply FAC			$2,000,000			$2,000,000
610 Water CIP Fund	$4,208,000	$3,073,500	$857,791	$725,000	$675,000	$9,539,291
615 SEWER/WASTEWATER CIP		$100,000	$50,000	$50,000		$200,000
623 Equipment Replacement Fund	$437,350	$437,350	$442,268	$455,536		$1,772,504
610 State Water Grant	$1,350,000					$1,350,000
027 Groundwater	$3,000,000	$3,000,000	$3,000,000	$3,000,000	$3,000,000	$15,000,000
610 State of CA SRF Grant		$2,000,000				$2,000,000
Grand Total	**$9,142,350**	**$8,760,350**	**$6,502,059**	**$4,377,536**	**$3,675,000**	**$32,457,295**

WATER PROJECT

PROJECT #WT0030
Annual Meter Replacement
(Operations)
(Equipment Replacement)
Districts 1,2,3,4,5

PROJECT MANAGER: Timothy Doyle

PROJECT DESCRIPTION & PURPOSE: This project is to replace 1000-2000 water meters annually as designated by the Hydrological Enterprise Program. This will begin to transition the 3G AMR meter system to a 4G AMI system for improved billing data collection. It will also replace meters in a planned fashion to prevent loss of overall accuracy.

KEY POINTS: -Transitions the existing meter system from 3G AMR to 4G AMI over several years and replaces meters before they reach age of failure.

PROJECT STATUS: Request for Funding 2017-2022 Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2018

FUTURE M & O:
(Additional Cost & Department Responsibility) This project will increase Water Division's M & O commencing July 2018 in the amount of $30,000 annually

CRITERIA (1-8): Criteria 5: Project extends an existing City Program or function to meet the Council's vision and explicit direction.

	Fiscal Year					Total	Unfunded
	2016/17	2017/18	2018/19	2019/20	2020/2021		
Costs Description							
Materials	$437,350	$437,350	$437,350	$442,268	$455,536	$2,209,854	$0
Contract - Labor	$120,000	$120,000	$120,000	$120,000	$120,000	$600,000	$0
Staff	$10,000	$10,000	$10,000	$10,000	$10,000	$50,000	$0
Contingency -10%	$17,000	$17,000	$17,000	$17,000	$17,000	$85,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$584,350	$584,350	$584,350	$589,268	$602,536	$2,944,854	$0
Funding Sources							
010 Water Fund - Salaries	$10,000	$10,000	$10,000	$10,000	$10,000	$50,000	$0
010-4611-6003	$137,000	$137,000	$137,000	$137,000	$137,000	$685,000	$0
623 Equipment Replacement Fund	$437,350	$437,350	$437,350	$442,268	$455,536	$2,209,854	$0
Total Funding:	$584,350	$584,350	$584,350	$589,268	$602,536	$2,944,854	$0

Water Project

PROJECT # WT2016-1
TCP Treatment
(Capital)
(Capital)
District(s): 1, 2, 3, 4, 5

PROJECT MANAGER: Trisha Whitfield

PROJECT DESCRIPTION & PURPOSE: Purchase and intallation of TCP treatment systems for well sites containing TCP.

KEY POINTS: The State of California is in the process of setting an mcl limit for TCP. There are wells that will need TCP treatment in order for them to stay in operation.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2022

FUTURE M & O:
(Additional Cost & Department Responsibility) This Project will increase Water Division M&O commencing July 2020 in the amount of $30,000 annually

CRITERIA (1-8): Criteria 1; Project corrects immediate and urgent public health or public safety issue.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Equipment	$2,955,000	$2,955,000	$2,955,000	$2,955,000	$2,955,000	$14,775,000	$0
Contingency	$30,000	$30,000	$30,000	$30,000	$30,000	$150,000	$0
Project Management Time	$15,000	$15,000	$15,000	$15,000	$15,000	$75,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$3,000,000	$3,000,000	$3,000,000	$3,000,000	$3,000,000	$15,000,000	$0
Funding Sources							
027 Groundwater	$3,000,000	$3,000,000	$3,000,000	$3,000,000	$3,000,000	$15,000,000	$0
	$0	$0	$0	$0	$0	$0	$0
Total Funding:	$3,000,000	$3,000,000	$3,000,000	$3,000,000	$3,000,000	$15,000,000	$0

Water Project

PROJECT # WT 2016-2
Groundwater Recharge Basins
(Capital)
(Annual)
District(s): 1, 2, 3, 4, 5

PROJECT MANAGER: Trisha Whitfield

PROJECT DESCRIPTION & PURPOSE:

Purchase and develop sites for groundwater recharge basins.

KEY POINTS:

Additional property is needed to construct new ponding basins and/or recharge basins to collect rain and nuisance water for HEP program recharge.

PROJECT STATUS:

Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2022

FUTURE M & O:
(Additional Cost & Department Responsibility)

This project will increase Water Division's M&O commencing July 2019 in the amount of $10,000 per basin annually.

CRITERIA (1-8):

Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Land Acquisition/Capital	$175,000	$175,000	$175,000	$175,000	$175,000	$875,000	$0
Contingency	$20,000	$20,000	$20,000	$20,000	$20,000	$100,000	$0
Project Management Time	$5,000	$5,000	$5,000	$5,000	$5,000	$25,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$200,000	$200,000	$200,000	$200,000	$200,000	$1,000,000	$0
Funding Sources							
610 Water CIP Fund	$200,000	$200,000	$200,000	$200,000	$200,000	$1,000,000	$0
	$0	$0	$0	$0	$0	$0	$0
Total Funding:	$200,000	$200,000	$200,000	$200,000	$200,000	$1,000,000	$0

Water Project

PROJECT # WT 2016-3
Electrical System Upgrades
(Capital)
(Annual)
District(s): 1, 2, 3, 4, 5

PROJECT MANAGER: Trisha Whitfield

PROJECT DESCRIPTION & PURPOSE: Upgrade electrical systems and/or SCADA at various well sites.

KEY POINTS: Projects will vary at each well site between the following upgrades: SCADA upgrades, VFD upgrade or installation, electrical panel upgrades.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2022

FUTURE M & O:
(Additional Cost & Department Responsibility) The ongoing M&O expense related to this project is already included in Water Division's annual M&O budget.

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Construction	$130,000	$130,000	$130,000	$130,000	$130,000	$650,000	$0
Contingency	$15,000	$15,000	$15,000	$15,000	$15,000	$75,000	$0
Project Management Time	$5,000	$5,000	$5,000	$5,000	$5,000	$25,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$150,000	$150,000	$150,000	$150,000	$150,000	$750,000	$0
Funding Sources							
610 Water CIP Fund	$150,000	$150,000	$150,000	$150,000	$150,000	$750,000	$0
	$0	$0	$0	$0	$0	$0	$0
Total Funding:	$150,000	$150,000	$150,000	$150,000	$150,000	$750,000	$0

Water Project

PROJECT # WT2016-4
Generators
(Capital)
(Capital)
District(s): 1, 2, 3, 4, 5

PROJECT MANAGER: Trisha Whitfield

PROJECT DESCRIPTION & PURPOSE: Replace and/or add new generators to the water well system back-up power system.

KEY POINTS: The project will replace the existing stationary generators at Wells 22, 17 and 26 and will purchase one new portable generator.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2022

FUTURE M & O:
(Additional Cost & Department Responsibility) The ongoing M&O expense related to this project is already included in Water Division's annual M&O budget.

CRITERIA (1-8): Criteria 8: Project replaces a capital asset that could reduce or eliminate the City's ability to operate a core program at some future time if it is not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Equipment	$107,500	$0	$107,500	$107,500	$107,500	$430,000	$0
Contingency	$12,500	$0	$12,500	$12,500	$12,500	$50,000	$0
Project Management Time	$5,000	$0	$5,000	$5,000	$5,000	$20,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$125,000	$0	$125,000	$125,000	$125,000	$500,000	$0
Funding Sources							
610 Water CIP Fund	$125,000	$0	$125,000	$125,000	$125,000	$500,000	$0
	$0	$0	$0	$0	$0	$0	$0
Total Funding:	$125,000	$0	$125,000	$125,000	$125,000	$500,000	$0

Water Project

PROJECT # WT 2016-5
Well 40 Treatment
(Capital)
(Capital)
District(s): 1, 2, 3, 4, 5

PROJECT MANAGER: Trisha Whitfield

PROJECT DESCRIPTION & PURPOSE: Purchase and installation of an arsenic treatment system for Well 40.

KEY POINTS: The arsenic levels at Well 40 keep increasing causing the need for treatment at the well site. Staff has submitted a pre-application to the State Water Board for a grant to cover the capital cost of a treatment system.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2018

FUTURE M & O:
(Additional Cost & Department Responsibility) This Project will increase Water Division M&O commencing July 2018 in the amount of $30,000 annually

CRITERIA (1-8): Criteria 1: Project corrects immediate and urgent public health or public safety issue.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Equipment	$1,480,000	$0	$0	$0	$0	$1,480,000	$0
Project Management Time	$20,000	$0	$0	$0	$0	$20,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$1,500,000	$0	$0	$0	$0	$1,500,000	$0
Funding Sources							
610 Water CIP Fund	$150,000	$0	$0	$0	$0	$150,000	$0
610 State Water Grant	$1,350,000	$0	$0	$0	$0	$1,350,000	$0
Total Funding:	$1,500,000	$0	$0	$0	$0	$1,500,000	$0

Water Project

PROJECT # WT 28116-6
Well Rehabilitation
(Capital)
(Annual)
District(s): 1, 2, 3, 4, 5

PROJECT MANAGER: Trisha Whitfield

PROJECT DESCRIPTION & PURPOSE: Rehabilitate and upgrade equipment at various well sites.

KEY POINTS: Funding is for 2 well sites/year. Rehabilitation includes cleaning of well, replacing submersible pumps with vertical turbine pumps, and replacing the column, tube, shaft and bowls.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2022

FUTURE M & O:
(Additional Cost & Department Responsibility) The ongoing M&O expense related to this project is already included in Water Division's annual M&O budget

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Consultant	$195,000	$195,000	$195,000	$195,000	$195,000	$975,000	$0
Project Management Time	$5,000	$5,000	$5,000	$5,000	$5,000	$25,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$200,000	$200,000	$200,000	$200,000	$200,000	$1,000,000	$0
Funding Sources							
610 Water CIP Fund	$200,000	$200,000	$200,000	$200,000	$200,000	$1,000,000	$0
	$0	$0	$0	$0	$0	$0	$0
Total Funding:	$200,000	$200,000	$200,000	$200,000	$200,000	$1,000,000	$0

Water Project

PROJECT #WT WT 2016-7
Well 4-5
(Capital)
(Capital)
District(s): 1, 2, 3, 4, 5

PROJECT MANAGER: Trisha Whitfield

PROJECT DESCRIPTION & PURPOSE:

Construction of a new water well 4-5.

KEY POINTS:

This well is one of 7 new wells shown in Carollo's Matheny/Soultz Technical Memorandum and proposed with the 2016 Water Rate Study. Project includes construction of test well, hydrogeologic consulting, design engineer, well drilling, pumps and appurtenances, and associated site improvements.

PROJECT STATUS: Planning

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 12/31/2018

FUTURE M & O:
(Additional Cost & Department Responsibility)

chlorine - $5,000/year, electricity - $80,000/year

CRITERIA (1-8):

Criteria 1: Project corrects immediate and urgent public health or public safety issue.

	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
Costs Description							
001 -Conceptual	$0	$0	$0	$0	$0	$0	$0
002 - Preliminary Design	$105,000	$0	$0	$0	$0	$105,000	$0
003 - Environmental	$0	$0	$0	$0	$0	$0	$0
004 - Final Design	$210,000	$0	$0	$0	$0	$210,000	$0
005 - Construct/Impliment	$1,185,000	$0	$0	$0	$0	$1,185,000	$0
006 - Close Out	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$1,500,000	$0	$0	$0	$0	$1,500,000	$0
Funding Sources							
Fund 610 - Water CIP (new water rates)	$1,500,000	$0	$0	$0	$0	$1,500,000	$0
	$0	$0	$0	$0	$0	$0	$0
Total Funding:	$1,500,000	$0	$0	$0	$0	$1,500,000	$0

Water Project

PROJECT #WT WT 2016-8
Well 4-7
(Capital)
(Capital)
District(s): 1, 2, 3, 4, 5

PROJECT MANAGER: Trisha Whitfield

PROJECT DESCRIPTION & PURPOSE:

Construction of a new water well 4-7.

KEY POINTS:

This well is one of 7 new wells shown in Carollo's Matheny/Soultz Technical Memorandum and proposed with the 2016 Water Rate Study. Project includes construction of test well, hydrogeologic consulting, design engineer, well drilling, pumps and appurtenances, and associated site improvements.

PROJECT STATUS: Planning

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 12/31/2018

FUTURE M & O:
(Additional Cost & Department Responsibility)

chlorine - $5,000/year, electricity - $80,000/year

CRITERIA (1-8):

Criteria 1: Project corrects immediate and urgent public health or public safety issue.

	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
Costs Description							
001 -Conceptual	$0	$0	$0	$0	$0	$0	$0
002 - Preliminary Design	$105,000	$0	$0	$0	$0	$105,000	$0
003 - Environmental	$0	$0	$0	$0	$0	$0	$0
004 - Final Design	$210,000	$0	$0	$0	$0	$210,000	$0
005 - Construct/Impliment	$1,185,000	$0	$0	$0	$0	$1,185,000	$0
006 - Close Out	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$1,500,000	$0	$0	$0	$0	$1,500,000	$0
Funding Sources							
Fund 610 - Water CIP (new water rates)	$1,500,000	$0	$0	$0	$0	$1,500,000	$0
	$0	$0	$0	$0	$0	$0	$0
Total Funding:	$1,500,000	$0	$0	$0	$0	$1,500,000	$0

Water Project

PROJECT #WT WT2016-9
SRF Grant Project
(Capital)
(Capital)
District(s): 1, 2, 3, 4, 5

PROJECT MANAGER: Trisha Whitfield

PROJECT DESCRIPTION & PURPOSE:

Construction of a new water well 4-3 and construction of a 12" water main from Well 14 to Matheny Tract.

KEY POINTS:

This project will be funded by a SRF grant from the State as a result of the Matheny Tract connection to the City water system. The project includes construction of a new City well 4-3 (per the Carollo Matheny/Soultz Technical Memorandum) and extending the 12" mainline from Well 14 north up I Drive to Matheny Tract.

PROJECT STATUS:

Planning - working on grant application

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 12/31/2019

FUTURE M & O:
(Additional Cost & Department Responsibility)

chlorine - $5,000/year, electricity - $80,000/year

CRITERIA (1-8):

Criteria 1: Project corrects immediate and urgent public health or public safety issue.

	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
Costs Description							
001 -Conceptual	$0	$0	$0	$0	$0	$0	$0
002 - Preliminary Design	$105,000	$0	$0	$0	$0	$105,000	$0
003 - Environmental	$0	$0	$0	$0	$0	$0	$0
004 - Final Design	$260,500	$0	$0	$0	$0	$260,500	$0
005 - Construct/Impliment	$17,500	$2,617,500	$0	$0	$0	$2,635,000	$0
006 - Close Out	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$383,000	$2,617,500	$0	$0	$0	$3,000,500	$0
Funding Sources							
Fund 610 - Water CIP (new water rates)	$383,000	$617,500	$0	$0	$0	$1,000,500	$0
State of CA, SRF Grant	$0	$2,000,000	$0	$0	$0	$2,000,000	$0
Total Funding:	$383,000	$2,617,500	$0	$0	$0	$3,000,500	$0

WATER PROJECT

PROJECT # Wt 2016-10
Water Meter Infrastructure Upgrade
(Operations)
(Equipment Replacement)
Districts 1,2,3,4,5

PROJECT MANAGER: Timothy Doyle

PROJECT DESCRIPTION & PURPOSE:

Engineering studies required for the installation of an upgraded base station, repeaters and antenna to begin utilizing the 4G AMI functionality of the new meters that have been installed. This project will take place over two years. It is expected to include 3 base stations, 9 repeaters, 2 towers, 2 engineering studies, and software integration and training. the engineering studies will be done in 2018/19, and the remaining projected will be executed in 2019/20

KEY POINTS:

This will produce engineering studies that confirm the placement of base station antennas. It will allow the 4G functionality that the new water meters have that needs to be utilized.

PROJECT STATUS:

Request for Funding 2017-2022 Cycle

PROJECTED START DATE: 7/1/2018

PROJECTED END DATE: 6/30/2020

FUTURE M & O:
(Additional Cost & Department Responsibility)

The project will increase Water Division's M & O commencing July 2020 in the amount of $3,000 annually.

CRITERIA (1-8):

Criteria 5: Project extends an existing City Program or function to meet the Council's vision and explicit direction.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Materials	$0	$0	$101,575	$0	$0	$101,575	$0
Contract - Labor	$0	$10,000	$19,216	$0	$0	$29,216	$0
Staff	$0	$2,500	$5,000	$0	$0	$7,500	$0
Contingency -10%	$0	$1,000	$12,000	$0	$0	$13,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$13,500	$137,791	$0	$0	$151,291	$0
Funding Sources							
610 Water CIP Fund	$0	$11,000	$132,791	$0	$0	$143,791	$0
010 Water Fund - Salaries		$2,500	$5,000	$0	$0	$7,500	$0
Total Funding:	$0	$13,500	$137,791	$0	$0	$151,291	$0

Water Project

PROJECT # WT2016-11
Backhoe Replacement
(Capital)
(Capital)
District(s): 1, 2, 3, 4, 5

PROJECT MANAGER: Tim Doyle

PROJECT DESCRIPTION & PURPOSE: Replace the Water Division backhoe.

KEY POINTS: The current backhoe is a 1997. The Water Division uses the backhoe for water line repairs and installations daily.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2018

PROJECTED END DATE: 6/30/2019

FUTURE M & O:
(Additional Cost & Department Responsibility) The ongoing M&O expense related to this project is already included in Water Division's annual M&O budget.

CRITERIA (1-8): Criteria 8: Project replaces a capital asset that could reduce or eliminate the City's ability to operate a core program at some future time if it is not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Tax & License Fees	$0	$145,000	$0	$0	$0	$145,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$145,000	$0	$0	$0	$145,000	$0
Funding Sources							
610 Water CIP Fund	$0	$145,000	$0	$0	$0	$145,000	$0
	$0	$0	$0	$0	$0	$0	$0
Total Funding:	$0	$145,000	$0	$0	$0	$145,000	$0

Water Project

PROJECT # WT 20160-12
Hydraulic Model
(Operations)
(Study)
District(s): 1, 2, 3, 4, 5

PROJECT MANAGER: Tim Doyle

PROJECT DESCRIPTION & PURPOSE: Re-evaluate hydraulic model based on improvements to the water system.

KEY POINTS: Seven new water wells, three water storage tanks, and various line upgrades are proposed to take place over the next five years. The hydraulic model will need to be updated to reflect changes to infrastructure.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2018

PROJECTED END DATE: 6/30/2019

FUTURE M & O:
(Additional Cost & Department Responsibility) The ongoing M&O expense related to this project is already include

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Consultant	$0	$150,000	$0	$0	$0	$150,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$150,000	$0	$0	$0	$150,000	$0
Funding Sources							
610 Water CIP Fund	$0	$150,000	$0	$0	$0	$150,000	$0
	$0	$0	$0	$0	$0	$0	$0
Total Funding:	$0	$150,000	$0	$0	$0	$150,000	$0

WATER PROJECT

PROJECT # WT 2016-13
GIS System
(Operations)
(Study)
District(s): 1, 2, 3, 4, 5

PROJECT MANAGER: Joe Carlini

PROJECT DESCRIPTION & PURPOSE:

Create a GIS system for the City of Tulare utilities.

KEY POINTS:

This is a needs assessment and feasibility study and will include initial implementation of the GIS system. The needs assessment will identify the layers and help identify funding needed from other utilities.

PROJECT STATUS:

Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2018

PROJECTED END DATE: 6/30/2019

FUTURE M & O:
(Additional Cost & Department Responsibility)

This project will increase Water & Sewer Division's M & O July 2019 in the amount of $3,000 annually

CRITERIA (1-8):

Criteria 8: Project replaces a capital asset that could reduce or eliminate the City's ability to operate a core program at some future time if it is not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Consultant	$0	$200,000	$100,000	$100,000	$0	$400,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$200,000	$100,000	$100,000	$0	$400,000	$0
Funding Sources							
610 Water CIP Fund	$0	$100,000	$50,000	$50,000	$0	$200,000	$0
615 Sewer/Wastewater CIP Fund	$0	$100,000	$50,000	$50,000	$0	$200,000	$0
Total Funding:	$0	$200,000	$100,000	$100,000	$0	$400,000	$0

Water Project

PROJECT #WT WT 2016 - 14
Well 4-2
(Capital)
(Capital)
District(s): 1, 2, 3, 4, 5

PROJECT MANAGER: Trisha Whitfield

PROJECT DESCRIPTION & PURPOSE:

Construction of a new water well 4-2.

KEY POINTS:

This well is one of 7 new wells shown in Carollo's Matheny/Soultz Technical Memorandum and proposed with the 2016 Water Rate Study. Project includes construction of test well, hydrogeologic consulting, design engineer, well drilling, pumps and appurtenances, and associated site improvements.

PROJECT STATUS: Planning

PROJECTED START DATE: 7/1/2018

PROJECTED END DATE: 12/31/2019

FUTURE M & O:
(Additional Cost & Department Responsibility) chlorine - $5,000/year, electricity - $80,000/year

CRITERIA (1-8): Criteria 1: Project corrects immediate and urgent public health or public safety issue.

	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
Costs Description							
001 -Conceptual	$0	$0	$0	$0	$0	$0	$0
002 - Preliminary Design	$0	$105,000	$0	$0	$0	$105,000	$0
003 - Environmental	$0	$0	$0	$0	$0	$0	$0
004 - Final Design	$0	$210,000	$0	$0	$0	$210,000	$0
005 - Construct/Impliment	$0	$1,185,000	$0	$0	$0	$1,185,000	$0
006 - Close Out	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$1,500,000	$0	$0	$0	$1,500,000	$0
Funding Sources							
Fund 610 - Water CIP (new water rates)	$0	$1,500,000	$0	$0	$0	$1,500,000	$0
	$0	$0	$0	$0	$0	$0	$0
Total Funding:	$0	$1,500,000	$0	$0	$0	$1,500,000	$0

WATER PROJECT

PROJECT #wt1920-01
Cartmill Economic Development

PROJECT MANAGER: Joseph Carlini

PROJECT DESCRIPTION & PURPOSE: This project is for the construction and installation of the water, sewer, storm drain infrastructure necessary to allow the Cartmill project to be planned and developed.

KEY POINTS: There is currently no infrastructure in the ground at the expected development location. To promote development infrastructure will need to be installed to greater or lesser degrees.

PROJECT STATUS: Conceptual

PROJECTED START DATE: 7/1/2019

PROJECTED END DATE: 6/30/2020

FUTURE M & O: unknown

CRITERIA (1-8): Criteria 4: Project represents an investment that will return real cash savings over an Identifiable investment horizon and that return exceeds the City's cost of capital (cost of capital equals weighted average interest on City debt issues and capital leases).

	Fiscal Year					Total	Unfunded
	2015/16	2016/17	2017/18	2018/19	2019/20		
Costs Description							
Planning and Installation	$0	$0	$0	$0	$2,000,000	$2,000,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$0	$0	$0	$2,000,000	$2,000,000	$0
Funding Sources							
260 DIF Water Supply FAC	$0	$0	$0	$0	$2,000,000	$2,000,000	$0
Total Funding:	$0	$0	$0	$0	$2,000,000	$2,000,000	$0

City of Tulare
2017-2022 Projects Budget

SEWER/WASTEWATER PROJECTS

Five Year List:

SW2016-1	Alley Sewer Main Replacement
SW2016-2	Electrical Control System Upgrade
SW2016-3	Lift Station Upgrades
SW2016-4	Manhole Rehabilitation
SW2016-5	New 3/4 Ton Pickup Truck
SW2016-6	Sewer Hansen Replacement
SW2016-7	Unit 971 Replacement CCTV Truck
WW2016-1	Lagoon Aerator Rehabilitation
WW2016-2	Total Bar Rake Overhaul
WW2016-3	Instrumentation, Controls for Domestic Treatment
WW2016-4	New High Solids System
WW2016-5	Industrial Wastewater Treatment Facility Instrumentation
WW2016-6	Methanol Control System Upgrade
WW2016-7	Polymer Mixing Skid System Addition
WW2016-8	Primary Clarifier Floatable Collector Mechanisms
WW2016-9	Wet Well Discharge Pit Resurfacing
WW2016-10	Influent Hadworks Bar Screen Rehab
WW2016-11	Digester Resurfacing
WW2016-12	Dissolved Air Floatation System
WW2016-13	ER2 Generator Rehab
WW2016-14	Generator ER5 Rehabilitation
WW2016-15	Influent Headworks - Sandblast and Paint
WW2016-16	Industrial Digesters Mixing Pumps Rehab
WW2016-17	Pumps Sand Blasting and Painting
WW2016-18	Replace Dissolved Oxygen Meters
WW2016-19	Replace Solids Meters
WW2016-20	Return Activated Sludge Pump Replacement
WW2016-21	Scum and Sludge Pump Rehab
WW2016-22	Effluent Discharge Lagoon Gate Replacement
WW2016-23	Aeration Piping and Valve Rehabilitation
WW2016-24	WWTP Facility Upgrades
WW2016-25	Facility Digesters Rehabilitation
WW2016-26	Blower System Rehabilitation
WW2016-27	Aeration Decanting System Rehab
WW2016-28	Pipe and Motor Sandblast - Paint
WW2016-29	Discharge System Resurfacing
WW2016-30	Gas Skid Equipment Rehab
WW2016-31	Gravity Belt Control System Rehab
WW2016-32	Influent Headworks Electrical System Inspection
WW2016-33	Influent Pump and Motor Rehab
WW2016-34	Internal Weir Adjustment and Resurfacing
WW2016-35	Aeration Lagoon Evaluation
WW2016-36	Odor Control Instrumentation Upgrade
WW2016-37	Septage State Station Lining
WW2016-38	Septage Station Rehab

WW2016-39	Clean, Sandblast, Paint, Inspect SBR
WW2016-40	Piping Sandblasting and Painting
WW2016-41	Lab Refurbishment
WW2016-42	Grit System Rehabilitation
WW2016-43	Anoxic Tank Inspection
WW2016-44	Anoxic Tank Resurfacing
WW2016-45	Fog Daft System Rehabilitation

PROJECT EXPENSES	FISCAL YEARS					
	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	Grand Total
Sewer	**$1,020,000**	**$925,000**	**$900,000**	**$900,000**	**$900,000**	**$4,645,000**
Alley Sewer Main Replacement	$150,000	$150,000	$150,000	$150,000	$150,000	$750,000
Electrical Control System Upgrade	$150,000	$150,000	$150,000	$150,000	$150,000	$750,000
Lift Station Upgrades	$450,000	$250,000	$450,000	$450,000	$450,000	$2,050,000
Manhole Rehabilitation	$150,000	$150,000	$150,000	$150,000	$150,000	$750,000
New 3/4 Ton Pickup Truck	$35,000					$35,000
Sewer Hansen Replacement	$85,000					$85,000
Unit 971 Replacement CCTV Truck		$225,000				$225,000
Wastewater	**$1,149,500**	**$3,090,000**	**$3,705,000**	**$418,500**	**$949,500**	**$9,312,500**
Aeration Decanting System Rehab			$62,000			$62,000
Aeration Lagoon Evaluation			$155,000			$155,000
Aeration Piping and Valve Rehabilitation		$155,000				$155,000
Anoxic Tank Inspection					$80,000	$80,000
Anoxic Tank Resurfacing					$305,000	$305,000
Blower System Rehabilitation			$380,000			$380,000
Clean, Sandblast, Paint, Inspect SBR			$105,000			$105,000
Digester Resurfacing		$355,000				$355,000
Discharge System Resurfacing			$22,000			$22,000
Dissolved Air Flotation System		$261,500				$261,500
Effluent Discharge Lagoon Gate Replacement		$185,000				$185,000
ER2 Generator Rehab		$90,000				$90,000
Facility Digesters Rehabilitation		$555,000				$555,000
Fog Daft System Rehabilitation					$255,000	$255,000
Gas Skid Equipment Rehab			$35,500			$35,500
Generator ER5 Rehabilitation		$305,000				$305,000
Gravity Belt Control System Rehab			$78,000			$78,000
Grit System Rehabilitation				$105,000		$105,000
Industrial Digesters Mixing Pumps Rehab		$10,500				$10,500
Industrial Wastewater Treatmer	$152,000					$152,000
Influent Headworks - Sandblast and Paint		$32,500				$32,500
Influent Headworks Bar Screen Rehab		$225,000				$225,000
Influent Headworks Electrical System Inspection			$5,500			$5,500
Influent Pump and Motor Rehab			$185,000			$185,000
Instrumentation, Controls for Dc	$80,000					$80,000
Internal Weir Adjustment and Resurfacing			$78,000			$78,000
Lab Refurbishment			$1,660,000			$1,660,000
Lagoon Aerator Rehabilitation	$51,000	$26,000	$26,000	$26,000	$26,000	$155,000
Methanol Control System Upgra	$37,000					$37,000
New High Solids System	$710,000					$710,000

Odor Control Instrumentation Upgrade			$53,000			$53,000
Pipe and Motor Sandblast - Paint			$105,000			$105,000
Piping Sandblasting and Painting			$22,000			$22,000
Polymer Mixing Skid System Adc	$32,000					$32,000
Primary Clarifier Floatable Collec	$37,500			$37,500		$75,000
Pumps Sand Blasting and Painting		$16,000				$16,000
Replace Dissolved Oxygen Meters		$7,500			$7,500	$15,000
Replace Solids Meters		$26,000			$26,000	$52,000
Return Activated Sludge Pump Replacement		$505,000				$505,000
Scum and Sludge Pump Rehab		$85,000				$85,000
Septage State Station Lining			$78,000			$78,000
Septage Station Rehab			$155,000			$155,000
Total Bar Rake Overhaul	$23,000					$23,000
Wet Well Discharge Pit Resurfacing	$27,000					$27,000
WWTP Facility Upgrades		$250,000	$500,000	$250,000	$250,000	$1,250,000
Grand Total	**$2,169,500**	**$4,015,000**	**$4,605,000**	**$1,318,500**	**$1,849,500**	**$13,957,500**

FUNDING SOURCES	FISCAL YEARS 2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	Grand Total
015 Wastewater Salaries	$26,500	$57,500	$50,000	$7,500	$18,500	$160,000
610 Water CIP Fund	$42,000					$42,000
615 SEWER/WASTEWATER CIP	$2,101,000	$3,957,500	$4,555,000	$1,311,000	$1,831,000	$13,755,500
Grand Total	**$2,169,500**	**$4,015,000**	**$4,605,000**	**$1,318,500**	**$1,849,500**	**$13,957,500**

SEWER PROJECT

PROJECT # SW2016-1
Alley Sewer Main Replacement
(Operations)
(Maintenance & Repair)
Districts 1,2,3,4,5

PROJECT MANAGER: Timothy Doyle

PROJECT DESCRIPTION & PURPOSE: The existing alley sewer mains are under capacity , broken in many places causing exfiltration and sanitation concerns. These projects would coordinate with Streets Div. alley repair / maintenance and drainage

KEY POINTS: Replace Alley Sewer Main

PROJECT STATUS: Request for Funding 2017-2022 Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2022

FUTURE M & O:
(Additional Cost & Department Responsibility) The ongoing M&O expense related to this project is already included in Sewer Division's annual M&O budget.

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year						
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	Total	Unfunded
Costs Description							
Contract - Labor and materials	$135,000	$135,000	$135,000	$135,000	$135,000	$675,000	$0
Contignecy	$15,000	$15,000	$15,000	$15,000	$15,000	$75,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$150,000	$150,000	$150,000	$150,000	$150,000	$750,000	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	$150,000	$150,000	$150,000	$150,000	$150,000	$750,000	$0
	$0	$0	$0	$0	$0	$0	$0
Total Funding:	$150,000	$150,000	$150,000	$150,000	$150,000	$750,000	$0

SEWER PROJECT

PROJECT # SW 2016-2
Electrical Control System Upgrade
(Capital)
(Maintenance & Repair)
Districts 1,2,3,4,5

PROJECT MANAGER: Trisha Whitfield

PROJECT DESCRIPTION & PURPOSE: Upgrade electrical systems (SCADA), electrical panels at various sewer lift stations, install back up power generator at key lift stations

KEY POINTS: Upgrade electrical control system at various sewer lift stations

PROJECT STATUS: Request for Funding 2017-2022 Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2022

FUTURE M & O:
(Additional Cost & Department Responsibility)

The ongoing M&O expense related to this project is already included in Sewer Division's annual M&O budget.

CRITERIA (1-8): Criteria 3: Project replaces a capital asset that will more likely than not reduce or eliminate the City's ability to operate a core program within the next fiscal year if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor and materials	$130,000	$130,000	$130,000	$130,000	$130,000	$650,000	$0
Contingency	$15,000	$15,000	$15,000	$15,000	$15,000	$75,000	$0
Project Management Time	$5,000	$5,000	$5,000	$5,000	$5,000	$25,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$150,000	$150,000	$150,000	$150,000	$150,000	$750,000	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	$150,000	$150,000	$150,000	$150,000	$150,000	$750,000	$0
	$0	$0	$0	$0	$0	$0	$0
Total Funding:	$150,000	$150,000	$150,000	$150,000	$150,000	$750,000	$0

SEWER PROJECT

PROJECT # SW2016-3
Lift Station Upgrades
(Capital)
(Maintenance & Repair)
Districts 1,2,3,4,5

PROJECT MANAGER: Trisha Whitfield

PROJECT DESCRIPTION & PURPOSE: Projects will vary in scope from motor replacements, adding spare motors for emergency failures (SSO prevention). Safety upgrades on lift stations(railing, wet well covers, fencing, painting and electrical panel protection, awnings).

KEY POINTS: Upgrades at various sewer lift stations

PROJECT STATUS: Request for Funding 2017-2022 Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2022

FUTURE M & O:
(Additional Cost & Department Responsibility) The ongoing M&O expense related to this project is already included in Sewer Division's annual M&O budget.

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor and materials	$400,000	$220,000	$400,000	$400,000	$400,000	$1,820,000	$0
Contingency	$45,000	$25,000	$45,000	$45,000	$45,000	$205,000	$0
Project Management Time	$5,000	$5,000	$5,000	$5,000	$5,000	$25,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$450,000	$250,000	$450,000	$450,000	$450,000	$2,050,000	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	$450,000	$250,000	$450,000	$450,000	$450,000	$2,050,000	$0
	$0	$0	$0	$0	$0	$0	$0
Total Funding:	$450,000	$250,000	$450,000	$450,000	$450,000	$2,050,000	$0

SEWER PROJECT

PROJECT # SW2016-4
Manhole Rehabilitation
(Operations)
(Maintenance & Repair)
Districts 1,2,3,4,5

PROJECT MANAGER: Timothy Doyle

PROJECT DESCRIPTION & PURPOSE: Manholes with deterioration, exposed aggregate, cracks, brick, worn frames and covers require rehabilitation or replacement to extend the life of existing collections system, and allow for maintenance safety

KEY POINTS: Manhole rehabilitation or replacement to restore integrity of manhole

PROJECT STATUS: Request for Funding 2017-2022 Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2022

FUTURE M & O:
(Additional Cost & Department Responsibility) The ongoing M&O expense related to this project is already included in Sewer Division's annual M&O budget.

CRITERIA (1-8): Criteria 8: Project replaces a capital asset that could reduce or eliminate the City's ability to operate a core program at some future time if it is not replaced or repaired.

	Fiscal Year						
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	Total	Unfunded
Costs Description							
Contract - Labor and materials	$135,000	$135,000	$135,000	$135,000	$135,000	$675,000	$0
Contingency	$15,000	$15,000	$15,000	$15,000	$15,000	$75,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$150,000	$150,000	$150,000	$150,000	$150,000	$750,000	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	$150,000	$150,000	$150,000	$150,000	$150,000	$750,000	$0
	$0	$0	$0	$0	$0	$0	$0
Total Funding:	$150,000	$150,000	$150,000	$150,000	$150,000	$750,000	$0

SEWER PROJECT

PROJECT # SW2016-5
New 3/4 Ton Pickup Truck
(Capital)
(Equipment Replacement)
Districts 1,2,3,4,5

PROJECT MANAGER: Timothy Doyle

PROJECT DESCRIPTION & PURPOSE:

A new 3/4 ton Pick-up needs to be purchased to replace Unit #236, which is currently used daily. Unit #236 is CNG disabled, obsolete and constantly being repaired. This will be an expansion vehicle because Unit #236 was a loaner vehicle to the division.

KEY POINTS:

A new 3/4 ton pick-up with a service body will be a safer and efficient needs for Sewer collection system maintenance.

PROJECT STATUS:

Request for Funding 2017-2022 Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 12/31/2017

FUTURE M & O:
(Additional Cost & Department Responsibility)

This project will increase Sewer Division's M&O commencing July 2019 in the amount of $5000 annually plus gas and mileage fees.

CRITERIA (1-8):

Criteria 3: Project replaces a capital asset that will more likely than not reduce or eliminate the City's ability to operate a core program within the next fiscal year if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Equipment	$35,000	$0	$0	$0	$0	$35,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$35,000	$0	$0	$0	$0	$35,000	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	$35,000	$0	$0	$0	$0	$35,000	$0
	$0	$0	$0	$0	$0	$0	$0
Total Funding:	$35,000	$0	$0	$0	$0	$35,000	$0

Sewer Project

PROJECT # SW 2016-6
Sewer Hansen Replacement
(Capital)
(Capital)
Districts 1, 2, 3, 4, 5

PROJECT MANAGER: Jason Bowling

PROJECT DESCRIPTION & PURPOSE: The Sewer division currently owns a Hansen database that is used for sewer inventory and work orders. The system is very dated. Hansen as a company no longer exists and was bought out by another company. This project will review available products and determine a replacement

KEY POINTS: Equipment replacement funding is not available for this project as it was never identified for replacement.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 12/31/2017

FUTURE M & O:
(Additional Cost & Department Responsibility)

There will be additional Software maintenance cost. Actual maintenance costs will vary based on final software selected. Typically software maintenance is 10% to 20% of the software cost. In this case it is anticipated to be between $3000 and $6000 annually commencing July 1, 2018, if a traditional client/server product is purchased. It is also possible that a Software as a Service product could be purchased and implementation cost will be lower and recurring cost higher, as that is the trend with SAS model solutions. Responsible Department: Wastewater/Sewer and Water.

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
IT Staff Time	$5,000	$0	$0	$0	$0	$5,000	$0
Software	$30,000	$0	$0	$0	$0	$30,000	$0
Professional Services	$50,000	$0	$0	$0	$0	$50,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$85,000	$0	$0	$0	$0	$85,000	$0
Funding Sources							
610 Water CIP	$42,000	$0	$0	$0	$0	$42,000	$0
615 Wastewater/Sewer CIP	$43,000	$0	$0	$0	$0	$43,000	$0
Total Funding:	$85,000	$0	$0	$0	$0	$85,000	$0

SEWER PROJECT

PROJECT # SW2016 - 7
Unit 971 Replacement CCTV Truck
(Capital)
(Equipment Replacement)
Districts 1,2,3,4,5

PROJECT MANAGER: Timothy Doyle

PROJECT DESCRIPTION & PURPOSE: Current CCTV system is outdated, obsolete, constantly being repaired. It currently is mounted in a trailer that requires a truck to pull it around. New system will be in a van which will be more compact, safer and efficient.

KEY POINTS: Replace unit 971 with new CCTV equipment and vehicle (van)

PROJECT STATUS: Request for Funding 2017-2022 Cycle

PROJECTED START DATE: 7/1/2018

PROJECTED END DATE: 12/31/2018

FUTURE M & O:
(Additional Cost & Department Responsibility) This project will increase Sewer Division's M&O commencing July 2020 in the amount of $32,000 annually plus gas and mileage fees.

CRITERIA (1-8): Criteria 3: Project replaces a capital asset that will more likely than not reduce or eliminate the City's ability to operate a core program within the next fiscal year if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Equipment	$0	$225,000	$0	$0	$0	$225,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$225,000	$0	$0	$0	$225,000	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	$0	$225,000	$0	$0	$0	$225,000	$0
	$0	$0	$0	$0	$0	$0	$0
Total Funding:	$0	$225,000	$0	$0	$0	$225,000	$0

Sewer Project

PROJECT # WW2016-1
Lagoon Aerator Rehabilitation
(Capital)
(Capital)
Districts 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: Currently there are 30 sixty horse power aerators divided equally within 5 lagoons. These units have been maintained by staff but never totally rehabilitated. This project is scheduled for 5 years at a total cost of $150,000, five thousand per aerator. During the first year of the program 10 of the units will be rehabilitated and every year there after 5 units.

KEY POINTS: The aerators need to be updated to newer and more efficient models. These aerators use significant amounts of energy and can be replaced with more effective models that will give the lagoons overall better treatment.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2022

FUTURE M & O:
(Additional Cost & Department Responsibility) The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
contract & labor	$45,455	$22,727	$22,727	$22,727	$22,727	$136,363	$0
contingency - 10%	$4,545	$2,273	$2,273	$2,273	$2,273	$13,637	$0
Staff Time	$1,000	$1,000	$1,000	$1,000	$1,000	$5,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$51,000	$26,000	$26,000	$26,000	$26,000	$155,000	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	$50,000	$25,000	$25,000	$25,000	$25,000	$150,000	$0
015 Wastewater Salaries	$1,000	$1,000	$1,000	$1,000	$1,000	$5,000	$0
Total Funding:	$51,000	$26,000	$26,000	$26,000	$26,000	$155,000	$0

Sewer Project

PROJECT # WW2016-2
Total Bar Rake Overhaul
(Operations)
(Maintenance & Repair)
Districts 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: These bar screens remove the larger articles from the wastewater stream prior to the flow entering into the system. For the most part these are non-digestible rags and debris that could prove to be problematic for the pumps. This is to provide for the repair of the rakes as per the manufacturers recommendations.

KEY POINTS: This piece of equipment needs to be overhauled within a certain time period according to manufacturers recommendation. This time period has lapsed and the equipment is on borrowed time.

PROJECT STATUS: Request for Funding 2017-2012 Project Cycle

PROJECTED START DATE: 10/1/2017

PROJECTED END DATE: 12/31/2017

FUTURE M & O:
(Additional Cost & Department Responsibility) The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	$20,000	$0	$0	$0	$0	$20,000	$0
Contingency 10%	$2,000	$0	$0	$0	$0	$2,000	$0
Staff Time	$1,000	$0	$0	$0	$0	$1,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$23,000	$0	$0	$0	$0	$23,000	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	$22,000	$0	$0	$0	$0	$22,000	$0
015 Waste Water Salaries	$1,000	$0	$0	$0	$0	$1,000	$0
Total Funding:	$23,000	$0	$0	$0	$0	$23,000	$0

Sewer Project

PROJECT # WW2016-3
Instrumentation, Controls for Domestic Treatment
(Capital)
(Capital)
Districts 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: The anoxic and aerations basins of the domestic wastewater treatment plant do not include instrumentation that could be used by the operational staff to better control the treatment processes. The basins are designed to convert ammonia to nitrates and then convert the nitrates to elemental nitrogen thereby reducing environmental impact.

KEY POINTS: A nitrate and ammonia analyzers are needed in order to measure the levels of these constituent and maximize operational performances.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 1/31/2018

FUTURE M & O:
(Additional Cost & Department Responsibility) The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Equipment	$68,182	$0	$0	$0	$0	$68,182	$0
C&L contingency	$6,818	$0	$0	$0	$0	$6,818	$0
Staff Time	$5,000	$0	$0	$0	$0	$5,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$80,000	$0	$0	$0	$0	$80,000	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	$75,000	$0	$0	$0	$0	$75,000	$0
015 Waste Water Fund - Salaries	$5,000	$0	$0	$0	$0	$5,000	$0
Total Funding:	$80,000	$0	$0	$0	$0	$80,000	$0

Sewer Project

PROJECT # WW2016-4
New High Solids System
(Capital)
(Capital)
Districts 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: In fiscal year 2015 a solids handling study was performed and as a result of that study a new high solids alternative will be suggested. It is anticipated that the study will reveal that the best process for the Tulare wastewater treatment facility will be centrifuges. Three units will be required to meet the solids disposal needs of the facility. The units purchased will be required to provide a minimum solid concentration of (30%) thirty percent.

KEY POINTS: The current drying and storage capabilities are not adequate for the amount of solids that are currently being processed.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 10/1/2017

FUTURE M & O:
(Additional Cost & Department Responsibility) The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.

CRITERIA (1-8):

Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Equipment	$636,364	$0	$0	$0	$0	$636,364	$0
C&L contingency	$63,636	$0	$0	$0	$0	$63,636	$0
Staff Time	$10,000	$0	$0	$0	$0	$10,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$710,000	$0	$0	$0	$0	$710,000	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	$700,000	$0	$0	$0	$0	$700,000	$0
015 Waste water Fund - Salaries	$10,000	$0	$0	$0	$0	$10,000	$0
Total Funding:	$710,000	$0	$0	$0	$0	$710,000	$0

Sewer Project

PROJECT # WW2016-5
Industrial Wastewater Treatment Facility Instrumentation
(Capital)
(Capital)
Districts 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: The Sequence Batch Reactor basins of the Industrial Wastewater Treatment Plant do not include instrumentation that could be used by the operational staff to better control the treatment processes. The basins are designed to convert ammonia to nitrates and then convert the nitrates to elemental nitrogen thereby reducing environmental impact.

KEY POINTS: A nitrate and ammonia analyzers are needed in order to measure the levels of these constituent and maximize operational performance.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 8/31/2017

FUTURE M & O:
(Additional Cost & Department Responsibility) The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.

CRITERIA (1-8):

Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threaten in whole or in part the City's ability to operate a core program or function within the next fiscal year, if not replaced or repaired.

	Fiscal Year						
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	Total	Unfunded
Costs Description							
Contract - Labor & Equipment	$136,364	$0	$0	$0	$0	$136,364	$0
contingency - 10%	$13,636	$0	$0	$0	$0	$13,636	$0
Staff Time	$2,000	$0	$0	$0	$0	$2,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$152,000	$0	$0	$0	$0	$152,000	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	$150,000	$0	$0	$0	$0	$150,000	$0
015 Wastewater Salaries	$2,000	$0	$0	$0	$0	$2,000	$0
Total Funding:	$152,000	$0	$0	$0	$0	$152,000	$0

Sewer Project

PROJECT # WW2016-6
Methanol Control System Upgrade
(Capital)
(Capital)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: This is to rebuild or replace the methanol system for the denitrification filters. The addition of the correct dosage of methanol is critical to the operation of the filters which enables us to meet the discharge requirements. Failure to meet discharge leads to monetary fines from the State.

KEY POINTS: The system that controls the distribution of methonol will need to be replaced with an updated system. This will allow for a more controlled chemical distribution system in return would be more cost effective.

PROJECT STATUS: Request for funding 2017-2022 Project Cycle.

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 9/31/2017

FUTURE M & O:
(Additional Cost & Department Responsibility) The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.

CRITERIA (1-8):

Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Equipment	$31,818	$0	$0	$0	$0	$31,818	$0
contingency - 10%	$3,182	$0	$0	$0	$0	$3,182	$0
Staff Time	$2,000	$0	$0	$0	$0	$2,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$37,000	$0	$0	$0	$0	$37,000	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	$35,000	$0	$0	$0	$0	$35,000	$0
015 Wastewater Salaries	$2,000	$0	$0	$0	$0	$2,000	$0
Total Funding:	$37,000	$0	$0	$0	$0	$37,000	$0

Sewer Project

PROJECT # WW20116-7
Polymer Mixing Skid System Addition
(Capital)
(Capital)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: This is to provide for the replacement of the polymer mixing system at the Sludge DAF's. Currently we have 2 pumps that are both used intermittently for the proper wasting from the SBR WAS storage tank. We will need to replace these units with a more efficient system that will adjust the dosage to the incoming flow automatically.

KEY POINTS: The polymer system helps to coagulate the biosolids and remove water for further treatment. If the system is not replaced periodically the chance of failure increases.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 8/31/2017

PROJECTED END DATE: 12/31/2017

FUTURE M & O:
(Additional Cost & Department Responsibility) The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.

CRITERIA (1-8):

Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Equipment	$27,273	$0	$0	$0	$0	$27,273	$0
contingency - 10%	$2,727	$0	$0	$0	$0	$2,727	$0
Staff Time	$2,000	$0	$0	$0	$0	$2,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$32,000	$0	$0	$0	$0	$32,000	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	$30,000	$0	$0	$0	$0	$30,000	$0
015 Wastewater Salaries	$2,000	$0	$0	$0	$0	$2,000	$0
Total Funding:	$32,000	$0	$0	$0	$0	$32,000	$0

Sewer Project

PROJECT # WW 2016-8
Primary Clarifier Floatable Collector Mechanisms
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: The primary collector mechanism removes all the floating materials that have accumulated at the surface of the primary clarifiers. These units include flights and chains to move the floatable material to the end of the clarifiers where it will then be removed by pumping the material to the anaerobic digesters. The mechanisms are critical to avoid non-compliance and downstream contamination from floating material. The units must be rehabilitated every 3 years per manufacturer's recommendations.

KEY POINTS: The collecting mechanisms need to be replaced for proper operation.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 11/31/2017

FUTURE M & O:
(Additional Cost & Department Responsibility) The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.

CRITERIA (1-8):

Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year						
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	Total	Unfunded
Costs Description							
Contract - Labor & Maintenance	$32,727	$0	$0	$32,727	$0	$65,454	$0
contingency - 10%	$3,273	$0	$0	$3,273	$0	$6,546	$0
Staff Time	$1,500	$0	$0	$1,500	$0	$3,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$37,500	$0	$0	$37,500	$0	$75,000	$0
Funding Sources							
615 Sewer/Wastewater CIP Fund	$36,000	$0	$0	$36,000	$0	$72,000	$0
015 Wastewater Salaries	$1,500	$0	$0	$1,500	$0	$3,000	$0
Total Funding:	$37,500	$0	$0	$37,500	$0	$75,000	$0

Sewer Project

PROJECT # WW2016-9
Wet Well Discharge Pit Resurfacing
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: The constant contact with grease on the wet well is causing the cement to start breaking down. The cement needs to be cleaned and treated to prevent any further breakdown of the material. The high strength influent with occasional low pH's has had a negative effect on the surface. Failure of the cement in these areas will eventually lead to rocks being introduced into the flow stream.

KEY POINTS: Wet well has deteriorated over time and needs to be drained and cleaned.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 1/31/2017

FUTURE M & O:
(Additional Cost & Department Responsibility) The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.

CRITERIA (1-8):

Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	$22,727	$0	$0	$0	$0	$22,727	$0
contingency	$2,273	$0	$0	$0	$0	$2,273	$0
Staff Time	$2,000	$0	$0	$0	$0	$2,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$27,000	$0	$0	$0	$0	$27,000	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	$25,000	$0	$0	$0	$0	$25,000	$0
015 Wastewater Salaries	$2,000	$0	$0	$0	$0	$2,000	$0
Total Funding:	$27,000	$0	$0	$0	$0	$27,000	$0

Sewer Project

PROJECT # WW2016-10
Influent Headworks Bar Screen Rehab
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: Domestic plant has 2 automatic bar screens that remove large material from the raw influent flow to protect downstream equipment. These units must be rehabilitated every 5 years.

KEY POINTS: Rehabilitation prevents treatment process failure and constituent limit permit problems.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 10/1/2018

PROJECTED END DATE: 12/31/2018

FUTURE M & O: None.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	$0	$200,000	$0	$0	$0	$200,000	$0
C&L Contingency	$0	$20,000	$0	$0	$0	$20,000	$0
staff time	$0	$5,000	$0	$0	$0	$5,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$225,000	$0	$0	$0	$225,000	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	$0	$220,000	$0	$0	$0	$220,000	$0
015 Waste Water Fund - Salaries	$0	$5,000	$0	$0	$0	$5,000	$0
Total Funding:	$0	$225,000	$0	$0	$0	$225,000	$0

Sewer Project

PROJECT # WW2016-11
Digester Resurfacing
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: Industrial wastewater treatment plant has 3 anaerobic digesters, these digesters require internal resurfacing and solids removal to maintain system capacity.

KEY POINTS: Will prevent improper mixing, temperature and will continue to operate in the mesophilic range

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2018

PROJECTED END DATE: 6/30/2019

FUTURE M & O: None.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Labor and equipment	$0	$318,182	$0	$0	$0	$318,182	$0
C&L contingency - 10%	$0	$31,818	$0	$0	$0	$31,818	$0
staff Time	$0	$5,000	$0	$0	$0	$5,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$355,000	$0	$0	$0	$355,000	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	$0	$350,000	$0	$0	$0	$350,000	$0
015 Waste Water Fund - Salaries	$0	$5,000	$0	$0	$0	$5,000	$0
Total Funding:	$0	$355,000	$0	$0	$0	$355,000	$0

Sewer Project

PROJECT # WW2016-12
Dissolved Air Flotation System
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: The dissolved air floatation system at the Wastewater treatment facility is an integral component to remove all the fats, oils and greases in the industrial influent flow. The fats, oils and greases are then transported to the Industrial digesters to promote the production of biogas. The biogas is then converted to electrical energy which offsets purchasing electrical energy from Southern California Edison. The tanks and all components must be rehabilitated every 5 years, this project completes the rehabilitation process.

KEY POINTS: This system will need to be taken down and a professional servicer will need to be obtained in order to evaluate and repair the system. Side wall depth, aeration system, and all other mechanisms will need to be inspected and replacement parts will need to be installed.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 9/1/2018

PROJECTED END DATE: 2/30/2019

FUTURE M & O: None.

(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	$0	$233,182	$0	$0	$0	$233,182	$0
C&L contingency	$0	$23,318	$0	$0	$0	$23,318	$0
Staff Time	$0	$5,000	$0	$0	$0	$5,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$261,500	$0	$0	$0	$261,500	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	$0	$256,500	$0	$0	$0	$256,500	$0
015 Waste water Fund - Staff Time	$0	$5,000	$0	$0	$0	$5,000	$0
Total Funding:	$0	$261,500	$0	$0	$0	$261,500	$0

Sewer Project

PROJECT # WW2016-13
ER2 Generator Rehab
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: The ER2 generator provides standby power to the aerated lagoons. The aerated lagoons are a pre-treatment system for the sequence batch reactors. Rehab of the ER2 generator retains its functionality.

KEY POINTS: Pretreatment of the raw influent industrial flow is a requirement to meet permitted constituent limits.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2018

PROJECTED END DATE: 8/31/2018

FUTURE M & O: None.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	$0	$77,273	$0	$0	$0	$77,273	$0
C&L contingency	$0	$7,727	$0	$0	$0	$7,727	$0
Staff Time	$0	$5,000	$0	$0	$0	$5,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$90,000	$0	$0	$0	$90,000	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	$0	$85,000	$0	$0	$0	$85,000	$0
015 Waste water Fund - Salaries	$0	$5,000	$0	$0	$0	$5,000	$0
Total Funding:	$0	$90,000	$0	$0	$0	$90,000	$0

Sewer Project

PROJECT # WWR016-14
Generator ER5 Rehabilitation
(Capital)
(Capital)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: This is a 2200Kw Cummins generator that was specifically designed to provide standby power to the domestic plant. However due to budgetary restrictions it was never tied into the system. This project will rehabilitate and require the domestic facility to provide reliable standby power.

KEY POINTS: This project will replace the generator Caterpillar #D438

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 9/1/2018

PROJECTED END DATE: 10/31/2018

FUTURE M & O:
(Additional Cost & Department Responsibility) The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	$0	$272,727	$0	$0	$0	$272,727	$0
contingency - 10%	$0	$27,273	$0	$0	$0	$27,273	$0
Staff time	$0	$5,000	$0	$0	$0	$5,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$305,000	$0	$0	$0	$305,000	$0
Funding Sources							
615 Wastewater CIP Fund	$0	$300,000	$0	$0	$0	$300,000	$0
015 Wastewater fund - Salaries	$0	$5,000	$0	$0	$0	$5,000	$0
Total Funding:	$0	$305,000	$0	$0	$0	$305,000	$0

Sewer Project

PROJECT # WW20116-15
Influent Headworks - Sandblast and Paint
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: This is to ensure that the influent grit pumps and piping are maintained in an acceptable state.

KEY POINTS: This is to ensure that the influent grit pumps and piping are maintained in an acceptable state.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2018

PROJECTED END DATE: 8/1/2018

FUTURE M & O: None.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	$0	$27,273	$0	$0	$0	$27,273	$0
contingency	$0	$2,727	$0	$0	$0	$2,727	$0
Staff Time	$0	$2,500	$0	$0	$0	$2,500	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$32,500	$0	$0	$0	$32,500	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND		$30,000	$0	$0	$0	$30,000	$0
015 Wastewater Salaries	$0	$2,500	$0	$0	$0	$2,500	$0
Total Funding:	$0	$32,500	$0	$0	$0	$32,500	$0

Sewer Project

PROJECT # WW2016-16
Industrial Digesters Mixing Pumps Rehab
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: Rehab, sandblasting and painting of Industrial Digester internal mixing pumps, motors and piping. Recurring every 7 years.

KEY POINTS: Maintains the proper mixing of the digester materials to prevent compliance problems

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2018

PROJECTED END DATE: 2/30/2019

FUTURE M & O: None.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	$0	$9,091	$0	$0	$0	$9,091	$0
contingency	$0	$909	$0	$0	$0	$909	$0
Staff Time	$0	$500	$0	$0	$0	$500	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$10,500	$0	$0	$0	$10,500	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND		$10,000	$0	$0	$0	$10,000	$0
015 Wastewater Salaries	$0	$500	$0	$0	$0	$500	$0
Total Funding:	$0	$10,500	$0	$0	$0	$10,500	$0

Sewer Project

PROJECT # WW2016-17
Pumps Sand Blasting and Painting
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: This project is to repaint the pumps and the piping at the domestic pump gallery. This painting will prevent the degradation of the piping and maintain the process in a neat and orderly manner.

KEY POINTS: This project is to protect the equipment from the elements and keep the life span efficient.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2018

PROJECTED END DATE: 10/31/2018

FUTURE M & O: None.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	$0	$13,636	$0	$0	$0	$13,636	$0
contingency - 10%	$0	$1,364	$0	$0	$0	$1,364	$0
Staff Time	$0	$1,000	$0	$0	$0	$1,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$16,000	$0	$0	$0	$16,000	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	$0	$15,000	$0	$0	$0	$15,000	$0
015 Wastewater Salaries	$0	$1,000	$0	$0	$0	$1,000	$0
Total Funding:	$0	$16,000	$0	$0	$0	$16,000	$0

Sewer Project

PROJECT # WW2016-18
Replace Dissolved Oxygen Meters
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: These meters are critical to the proper operation of the plant. They control the operation of the aeration blowers for the proper nitrification of wastewater. The failure of these sensors will lead to the unnecessary overuse of the blowers which represent the single highest user of electric on the plant.

KEY POINTS:

PROJECT STATUS: Request for funding 2017 - 2022 Project Cycle

PROJECTED START DATE: 7/1/2018

PROJECTED END DATE: 6/30/2019

FUTURE M & O:
(Additional Cost & Department Responsibility) The ongoing M&O expense related to this project is already included In Wastewater Treatment Division's annual M&O budget.

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	$0	$6,364	$0	$0	$6,364	$12,728	$0
contingency	$0	$636	$0	$0	$636	$1,272	$0
Staff Time	$0	$500	$0	$0	$500	$1,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$7,500	$0	$0	$7,500	$15,000	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	$0	$7,000	$0	$0	$7,000	$14,000	$0
015 Wastewater Salaries	$0	$500	$0	$0	$500	$1,000	$0
Total Funding:	$0	$7,500	$0	$0	$7,500	$15,000	$0

Sewer Project

PROJECT # WW2016-19
Replace Solids Meters
(Capital)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: These meters give the operations staff critical data regarding the operation of the plant. They aid in the determination of the proper level of wasting within the aeration system. Failure to waste in the correct amounts can lead to the discharge of water that doesn't meet the standards of our Waste Discharge Requirements.

KEY POINTS:

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2018

PROJECTED END DATE: 11/30/2019

FUTURE M & O:
(Additional Cost & Department Responsibility) The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.

CRITERIA (1-8): Criteria 8: Project replaces a capital asset that could reduce or eliminate the City's ability to operate a core program at some future time if it is not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	$0	$21,818	$0	$0	$21,818	$43,636	$0
contingency	$0	$2,182	$0	$0	$2,182	$4,364	$0
Staff Time	$0	$2,000	$0	$0	$2,000	$4,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$26,000	$0	$0	$26,000	$52,000	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	$0	$24,000	$0	$0	$24,000	$48,000	$0
015 Wastewater Salaries	$0	$2,000	$0	$0	$2,000	$4,000	$0
Total Funding:	$0	$26,000	$0	$0	$26,000	$52,000	$0

Sewer Project

PROJECT # WW2016-20
Return activated sludge pump replacement
(Capital)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: The return activated sludge pumps are currently at a 60% efficiency rating. Replacing the unit is most cost effective.

KEY POINTS: Pumps are costing more to run than to replace. The pumps that are in place are deteriorating.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle.

PROJECTED START DATE: 7/1/2018

PROJECTED END DATE: 1/31/2019

FUTURE M & O:
(Additional Cost & Department Responsibility) The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
capital replacement	$0	$454,545	$0	$0	$0	$454,545	$0
contingency - 10%	$0	$45,455	$0	$0	$0	$45,455	$0
Staff Time	$0	$5,000	$0	$0	$0	$5,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$505,000	$0	$0	$0	$505,000	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	$0	$500,000	$0	$0	$0	$500,000	$0
015 Wastewater Salaries	$0	$5,000	$0	$0	$0	$5,000	$0
Total Funding:	$0	$505,000	$0	$0	$0	$505,000	$0

Sewer Project

PROJECT # W/W2016-21
Scum and Sludge Pump Rehab
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: Primary scum and sludge pumps have never been rehabilitated and require rehabilitation every four years. The primary purpose is to remove the scum from the surface of the primaries and relocate the sludge to the primary digesters.

KEY POINTS: Primary pumps are outdated and need replacement for proper operation.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2018

PROJECTED END DATE: 1/31/2019

FUTURE M & O:
(Additional Cost & Department Responsibility) The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.

CRITERIA (1-8):

Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	$0	$72,727	$0	$0	$0	$72,727	$0
contingency	$0	$7,273	$0	$0	$0	$7,273	$0
Staff Time	$0	$5,000	$0	$0	$0	$5,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$85,000	$0	$0	$0	$85,000	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	$0	$80,000	$0	$0	$0	$80,000	$0
015 Wastewater Salaries	$0	$5,000	$0	$0	$0	$5,000	$0
Total Funding:	$0	$85,000	$0	$0	$0	$85,000	$0

Sewer Project

PROJECT # WW2016-22
Effluent Discharge Lagoon Gate Replacement
(Capital)
(Maintenance and Operations)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: There are 24 sluice gates on 12 storage ponds that need to be replaced and properly installed. The gates that are currently in place do not work because of improper installation.

KEY POINTS: These gates do not hold water properly and need to be replaced and installed by a professional company.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/20/2018

PROJECTED END DATE: 1/31/2019

FUTURE M & O:
(Additional Cost & Department Responsibility) The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
contract labor and material	$0	$163,636	$0	$0	$0	$163,636	$0
contingency	$0	$16,364	$0	$0	$0	$16,364	$0
Staff Time	$0	$5,000	$0	$0	$0	$5,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$185,000	$0	$0	$0	$185,000	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	$0	$180,000	$0	$0	$0	$180,000	$0
015 Wastewater Salaries	$0	$5,000	$0	$0	$0	$5,000	$0
Total Funding:	$0	$185,000	$0	$0	$0	$185,000	$0

Sewer Project

PROJECT # WW2016-23
Aeration Piping and Valve Rehabilitation
(Capital)
(Equipment Replacement)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: This is critical to the operation of the SBR's. The improper operation of these lines and valves lead to the over use of the SBR blowers and these represent the single most costly unit to operate in the plants.

KEY POINTS: These pieces of equipment are critical to the operation and overall performance of the industrial system. If this equipment is not replaced in a timely manor, the lack of treatment will occur and the city may become out of compliance.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2018

PROJECTED END DATE: 6/30/2019

FUTURE M & O:
(Additional Cost & Department Responsibility) The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor and materials	$0	$136,364	$0	$0	$0	$136,364	$0
Contingency - 10%	$0	$13,636	$0	$0	$0	$13,636	$0
	$0	$0	$0	$0	$0	$0	$0
Staff labor	$0	$5,000	$0	$0	$0	$5,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$155,000	$0	$0	$0	$155,000	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND		$150,000	$0	$0	$0	$150,000	$0
~~staff 015-4653-1021/1022~~ 015 Wastewater-Salaries	$0	$5,000	$0	$0	$0	$5,000	$0
Total Funding:	$0	$155,000	$0	$0	$0	$155,000	$0

Sewer Project

PROJECT # WW2016-24
WWTP Facility Upgrades
(Capital)
(Capital)
WWTP

PROJECT MANAGER: Joe Carlini

PROJECT DESCRIPTION & PURPOSE: This project is for planning and upgrade of the Waste Water Treatment Facility improvements. Additional funding will be necessary through FY 22/23 and FY 23/24

KEY POINTS: Upgrade existing wastewater treatment facility admin. building and related structures for additional office space and laboratory improvements

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2022

FUTURE M & O:
(Additional Cost & Department Responsibility) To Be Determined

CRITERIA (1-8): Criteria 8: Project replaces a capital asset that could reduce or eliminate the City's ability to operate a core program at some future time if it is not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
Costs Description							
001 -Conceptual	$0	$0	$0	$0	$0	$0	$0
002 - Preliminary Design	$0	$0	$0	$0	$0	$0	$0
003 - Environmental	$0	$0	$0	$0	$0	$0	$0
004 - Final Design	$0	$250,000	$0	$0	$0	$250,000	$0
005 - Construct/Impliment	$0	$0	$500,000	$250,000	$250,000	$1,000,000	$0
006 - Close Out	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$250,000	$500,000	$250,000	$250,000	$1,250,000	$0
Funding Sources							
Wastewater Fund 615 CIP	~~$250,000~~	$250,000	~~$250,000~~ 500,000	$250,000	$250,000	$1,250,000	$0
	$0	$0	$0	$0	$0	$0	$0
Total Funding:	$0	$0	$0	$0	$0	$1,250,000	$0

Sewer Project

PROJECT # WW2016-25
Facility Digesters Rehabilitation
(Operations)
(Maintenance & Repair)
Districts 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: There are 5 operating anaerobic digesters at the wastewater treatment facility. The digesters operate by first settling the solids created by the treatment process, the solids are then separated into 2 components the first is the liquid potion which is sent back to the plant for reprocessing and the second is the solids portion which is sent to the facility drying beds. Every 5 years as identified in the operating and maintenance manual each digester must be taken out of service cleaned, sand blasted, painted, and the gas handling systems restored.

KEY POINTS: These digesters need to be periodically taken out of service, cleaned, and inspected for damage that might cause compliance issues that the city may get fined for.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2022

FUTURE M & O:
(Additional Cost & Department Responsibility) The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.

CRITERIA (1-8):

Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	$0	$500,000	$0	$0	$0	$500,000	$0
C&L contingency	$0	$50,000	$0	$0	$0	$50,000	$0
Staff Time	$0	$5,000	$0	$0	$0	$5,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$555,000	$0	$0	$0	$555,000	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	$0	$550,000	$0	$0	$0	$550,000	$0
015 Wastewater Salaries	$0	$5,000	$0	$0	$0	$5,000	$0
Total Funding:	$0	$555,000	$0	$0	$0	$555,000	$0

Sewer Project

PROJECT # WW2016-2b
Blower System Rehabilitation
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: Rehabilitation of the 4 turbex blowers that provide mixing, oxygen, and treatment for the industrial wastewater flow is required every 10 years.

KEY POINTS: Turbex blowers are a proprietary piece of equipment that can only be worked on by Turbex. No staff will be effected.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2019

PROJECTED END DATE: 8/30/2020

FUTURE M & O:
(Additional Cost & Department Responsibility) The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor and materials	$0	$0	$340,909	$0	$0	$340,909	$0
C&L contingency - 10%	$0	$0	$34,091	$0	$0	$34,091	$0
Staff Time	$0	$0	$5,000	$0	$0	$5,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$0	$380,000	$0	$0	$380,000	$0
Funding Sources							
015 Waste Water Fund - Salaries	$0	$0	$5,000	$0	$0	$5,000	$0
615 SEWER/WASTEWATER CIP FUND	$0	$0	$375,000	$0	$0	$375,000	$0
Total Funding:	$0	$0	$380,000	$0	$0	$380,000	$0

Sewer Project

PROJECT # WW2016-27
Aeration Decanting System Rehab
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: The decanting system requires regular rehabilitation service to continue operating.

KEY POINTS: Due to atmosphere conditions the decanting system for the SBR will deteriorate at a rapid rate and will need to be rehabilitated in order to continue working at a proper rate.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2019

PROJECTED END DATE: 6/30/2020

FUTURE M & O: None.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	$0	$0	$54,545	$0	$0	$54,545	$0
C&L contingency - 10%	$0	$0	$5,455	$0	$0	$5,455	$0
staff time	$0	$0	$2,000	$0	$0	$2,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$0	$62,000	$0	$0	$62,000	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	$0	$0	$60,000	$0	$0	$60,000	$0
015-4653-1021/1022	$0	$0	$2,000	$0	$0	$2,000	$0
Total Funding:	$0	$0	$62,000	$0	$0	$62,000	$0

Sewer Project

PROJECT # WW2016-29
Pipe and motor sandblast- paint
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: This project will maintain the Anaerobic Digester pumps, valves and pipes in the expected professional manner at a Wastewater Plant of high quality.

KEY POINTS: This project will maintain the Anaerobic Digester pumps, valves and pipes in the expected professional manner at a Wastewater Plant of high quality.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2019

PROJECTED END DATE: 6/29/2020

FUTURE M & O: None.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor and materials	$0	$0	$90,909	$0	$0	$90,909	$0
C&L contingency	$0	$0	$9,091	$0	$0	$9,091	$0
Staff time	$0	$0	$5,000	$0	$0	$5,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$0	$105,000	$0	$0	$105,000	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	$0	$0	$100,000	$0	$0	$100,000	$0
015 Waste Water Fund - Salaries	$0	$0	$5,000	$0	$0	$5,000	$0
Total Funding:	$0	$0	$105,000	$0	$0	$105,000	$0

Sewer Project

PROJECT # WW 2016-29
Discharge System Resurfacing
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: Fog Daf accepts all of the raw influent from all of the industrial users. Requires resurfacing every 7 years due to dramatic changes in pH.

KEY POINTS: Will prevent tank failure and internal equipment damage.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2019

PROJECTED END DATE: 6/30/2020

FUTURE M & O: None.
(Additional Cost & Department Responsibility)

CRITERIA (1-8):

Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	$0	$0	$18,182	$0	$0	$18,182	$0
Contingency	$0	$0	$1,818	$0	$0	$1,818	$0
Staff time	$0	$0	$2,000	$0	$0	$2,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$0	$22,000	$0	$0	$22,000	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND		$0	$20,000	$0	$0	$20,000	$0
015 Wastewater Fund - Salaries	$0	$0	$2,000	$0	$0	$2,000	$0
Total Funding:	$0	$0	$22,000	$0	$0	$22,000	$0

Sewer Project

PROJECT # WW2016-30
Gas Skid Equipment Rehab
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: The city currently has a maintenance agreement for the gas skid to ensure that the gas going to the fuel cells falls within compliance limits. However, the city is responsible for the pack towers, this project will rehab the equipment associated with the pack towers.

KEY POINTS: Rehabilitating the pack towers will maintain them and prevent hydrogen sulfide from entering the fuel cells.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 8/1/2019

PROJECTED END DATE: 9/30/2019

FUTURE M & O: None.
(Additional Cost & Department Responsibility)

CRITERIA (1-8):

Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	$0	$0	$31,818	$0	$0	$31,818	$0
C&L contingency	$0	$0	$3,182	$0	$0	$3,182	$0
	$0	$0	$500	$0	$0	$500	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$0	$35,500	$0	$0	$35,500	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND		$0	$35,000	$0	$0	$35,000	$0
015 Waste Water fund - Salaries	$0	$0	$500	$0	$0	$500	$0
Total Funding:	$0	$0	$35,500	$0	$0	$35,500	$0

Sewer Project

PROJECT # WW2016-31
Gravity Belt Control System Rehab
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: Gravity Belt Thickener accepts sludge from the domestic facility and reduces the moisture content by 70% and is run automatically by the control system.

KEY POINTS: Automatically operates the gravity belt thickener.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2019

PROJECTED END DATE: 6/30/2020

FUTURE M & O: None.
(Additional Cost & Department Responsibility)

CRITERIA (1-8):

Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	$0	$0	$68,182	$0	$0	$68,182	$0
Contingency	$0	$0	$6,818	$0	$0	$6,818	$0
Staff Time	$0	$0	$3,000	$0	$0	$3,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$0	$78,000	$0	$0	$78,000	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	$0	$0	$75,000	$0	$0	$75,000	$0
015 Wastewater Salaries	$0	$0	$3,000	$0	$0	$3,000	$0
Total Funding:	$0	$0	$78,000	$0	$0	$78,000	$0

Sewer Project

PROJECT # WW8011e-38
Influent Headworks Electrical System Inspection
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: This is to provide funds for a very basic inspection of the electrical system at the Headworks including testing of the continuity of the wiring and the thermography of the motors.

KEY POINTS: This is to provide funds for a very basic inspection of the electrical system at the Headworks including testing of the continuity of the wiring and the thermography of the motors.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2019

PROJECTED END DATE: 6/31/2020

FUTURE M & O: None.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	$0	$0	$4,500	$0	$0	$4,500	$0
contingency	$0	$0	$500	$0	$0	$500	$0
Staff Time	$0	$0	$500	$0	$0	$500	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$0	$5,500	$0	$0	$5,500	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND		$0	$5,000	$0	$0	$5,000	$0
015 Wastewater Salaries	$0	$0	$500	$0	$0	$500	$0
Total Funding:	$0	$0	$5,500	$0	$0	$5,500	$0

Sewer Project

PROJECT # WW2016-33
Influent Pump and Motor Rehab
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: This project is to rebuild the 4 influent pumps for the Domestic Plant influent structure. These are critical pieces of equipment that send the flow thru the wastewater plant for processing. It is critical that these pumps work efficiently to minimize the power usage within the plant itself.

KEY POINTS: Due to the nature of the influent waste, the pumps loose efficiency over time and need to be rebuilt.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2019

PROJECTED END DATE: 9/30/2020

FUTURE M & O:
(Additional Cost & Department Responsibility) The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.

CRITERIA (1-8): Criteria 8: Project replaces a capital asset that could reduce or eliminate the City's ability to operate a core program at some future time if it is not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	$0	$0	$163,636	$0	$0	$163,636	$0
contingency	$0	$0	$16,364	$0	$0	$16,364	$0
Staff Time	$0	$0	$5,000	$0	$0	$5,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$0	$185,000	$0	$0	$185,000	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	$0	$0	$180,000	$0	$0	$180,000	$0
015 Wastewater Salaries	$0	$0	$5,000	$0	$0	$5,000	$0
Total Funding:	$0	$0	$185,000	$0	$0	$185,000	$0

Sewer Project

PROJECT # WW2016-34
Internal Weir Adjustment and Resurfacing
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: This is critical to the protection of and correct operation of the Industrial digesters. Failure of the structure will lead to improper operation of the digesters and leaking of partially digested sludge back into the process for retreatment.

KEY POINTS: The equipment needs to be periodically resurfaced and adjusted for proper operation.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2019

PROJECTED END DATE: 11/31/2019

FUTURE M & O: None.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	$0	$0	$68,182	$0	$0	$68,182	$0
contingency - 10%	$0	$0	$6,818	$0	$0	$6,818	$0
Staff Time	$0	$0	$3,000	$0	$0	$3,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$0	$78,000	$0	$0	$78,000	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	$0	$0	$75,000	$0	$0	$75,000	$0
015 Wastewater Salaries	$0	$0	$3,000	$0	$0	$3,000	$0
Total Funding:	$0	$0	$78,000	$0	$0	$78,000	$0

Sewer Project

PROJECT # WW2016-35
Aeration Lagoon Evaluation
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: The aeration lagoons are gunite lined ponds. Over time, they can deteriorate from the scrubbing action of the aerators operating in the lagoons. This would allow the taking down of the lagoons one at a time to check for cracks in the lining or wear points that could lead to failure of the system and more costly emergency repairs.

KEY POINTS: Periodically these lagoons need to be inspected and resurfaced for proper operation.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2019

PROJECTED END DATE: 9/31/2019

FUTURE M & O: None.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	$0	$0	$136,364	$0	$0	$136,364	$0
contingency	$0	$0	$13,636	$0	$0	$13,636	$0
Staff Time	$0	$0	$5,000	$0	$0	$5,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$0	$155,000	$0	$0	$155,000	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	$0	$0	$150,000	$0	$0	$150,000	$0
015 Wastewater Salaries	$0	$0	$5,000	$0	$0	$5,000	$0
Total Funding:	$0	$0	$155,000	$0	$0	$155,000	$0

Sewer Project

PROJECT # WW2016-36
Odor Control Instrumentation Upgrade
(Operations)
(Operation and Maitenance)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: The dissolved air flotation unit must incorporate odor control to meet permit requirements. The existing odor control unit requires rehabilitation every 7 years. Rehab is required to meet air quality permit requirements.

KEY POINTS: This will allow the City to retain its air quality permit.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2019

PROJECTED END DATE: 6/30/2020

FUTURE M & O: None.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	$0	$0	$45,455	$0	$0	$45,455	$0
contingency - 10%	$0	$0	$4,545	$0	$0	$4,545	$0
Staff Time	$0	$0	$3,000	$0	$0	$3,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$0	$53,000	$0	$0	$53,000	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND		$0	$50,000	$0	$0	$50,000	$0
015 Wastewater Salaries	$0	$0	$3,000	$0	$0	$3,000	$0
Total Funding:	$0	$0	$53,000	$0	$0	$53,000	$0

Sewer Project

PROJECT # WW 2016-37
Septage State Station Lining
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: The interior walls of the septage station have deteriorated due to low pH and require relining. Required every 15 years for maintenance.

KEY POINTS: Will prevent catastrophic degradation of the walls leading to structural failure.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2019

PROJECTED END DATE: 6/30/2020

FUTURE M & O:
(Additional Cost & Department Responsibility) None.

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	$0	$0	$68,182	$0	$0	$68,182	$0
contingency	$0	$0	$6,818	$0	$0	$6,818	$0
Staff Time	$0	$0	$3,000	$0	$0	$3,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$0	$78,000	$0	$0	$78,000	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	$0	$0	$75,000	$0	$0	$75,000	$0
015 Wastewater Salaries	$0	$0	$3,000	$0	$0	$3,000	$0
Total Funding:	$0	$0	$78,000	$0	$0	$78,000	$0

Sewer Project

PROJECT # WW 2016-38
Septage Station Rehab
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: This is the section of the plant that accepts all of the material removed from grease traps by private vactor trucks. This is required every 6 years due to the nature of the material being handled.

KEY POINTS: Will allow the City to continue to move this material from the station to the bulk volume fermentation tank.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2019

PROJECTED END DATE: 6/30/2020

FUTURE M & O: None.
(Additional Cost & Department Responsibility)

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	$0	$0	$136,364	$0	$0	$136,364	$0
contingency - 10%	$0	$0	$13,636	$0	$0	$13,636	$0
Staff Time	$0	$0	$5,000	$0	$0	$5,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$0	$155,000	$0	$0	$155,000	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	$0	$0	$150,000	$0	$0	$150,000	$0
015 Wastewater Salaries	$0	$0	$5,000	$0	$0	$5,000	$0
Total Funding:	$0	$0	$155,000	$0	$0	$155,000	$0

Sewer Project

PROJECT # WW2016-39
Clean, Sandblast, Paint, Inspect SBR
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: This tank is critical to the operation of the Wasting from the SBR's. Without this tank we have no way of continual wasting from the SBR's. We need to provide for the continued operation of the unit to prevent any spillage on the ground of sludge that could lead to a violation of our Waste Discharge Permit from the State.

KEY POINTS: The waste storage tank needs to periodically be taken out of service inspected, repaired, and put back into service.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2019

PROJECTED END DATE: 6/30/2020

FUTURE M & O: None.
(Additional Cost & Department Responsibility)

CRITERIA (1-8):

Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	$0	$0	$90,909	$0	$0	$90,909	$0
contingency	$0	$0	$9,091	$0	$0	$9,091	$0
Staff Time	$0	$0	$5,000	$0	$0	$5,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$0	$105,000	$0	$0	$105,000	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	$0	$0	$100,000	$0	$0	$100,000	$0
015 Wastewater Salaries	$0	$0	$5,000	$0	$0	$5,000	$0
Total Funding:	$0	$0	$105,000	$0	$0	$105,000	$0

Sewer Project

PROJECT # WW2016-40
Piping Sandblasting and Painting
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: Industrial Waste Storage Tank piping requires sandblasting and

KEY POINTS: Industrial Waste Storage Tank basic maintenance to eliminate and

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2019

PROJECTED END DATE: 1/31/2020

FUTURE M & O:
(Additional Cost & Department Responsibility) None.

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor & Maintenance	$0	$0	$18,182	$0	$0	$18,182	$0
contingency - 10%	$0	$0	$1,818	$0	$0	$1,818	$0
Staff Time	$0	$0	$2,000	$0	$0	$2,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$0	$22,000	$0	$0	$22,000	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	$0	$0	$20,000	$0	$0	$20,000	$0
015 Wastewater Salaries	$0	$0	$2,000	$0	$0	$2,000	$0
Total Funding:	$0	$0	$22,000	$0	$0	$22,000	$0

Sewer Project

PROJECT # WW2016-41
Lab Refurbishment
(Capital)
Capital
District 1,2,3,4,5

PROJECT MANAGER: Trisha Whitfield

PROJECT DESCRIPTION & PURPOSE: This project is to rebuild and update the wastewater lab at the treatment plant. Currently the staff is working in the same space as 30 years ago. It has been identified that the lab staff is having to work harder than needed due to the limited space.

KEY POINTS: The current space that is designated to laboratory tasks is outdated and is in need of proper equipment and facility upgrade.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2019

PROJECTED END DATE: 6/30/2020

FUTURE M & O:
(Additional Cost & Department Responsibility) Unknown until scope can be further defined and upgrade designed

CRITERIA (1-8): Criteria 8: Project replaces a capital asset that could reduce or eliminate the City's ability to operate a core program at some future time if it is not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Parts and Material	$0	$0	$40,000	$0	$0	$40,000	$0
Preliminary Design	$0	$0	$15,000	$0	$0	$15,000	$0
Construct/Implement	$0	$0	$1,445,000	$0	$0	$1,445,000	$0
contingency	$0	$0	$150,000	$0	$0	$150,000	$0
Project Management Time	$0	$0	$10,000	$0	$0	$10,000	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$0	$1,660,000	$0	$0	$1,660,000	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	$0	$0	$1,660,000	$0	$0	$1,660,000	$0
	$0	$0	$0	$0	$0	$0	$0
Total Funding:	$0	$0	$1,660,000	$0	$0	$1,660,000	$0

Sewer Project

PROJECT # WW2020-212
Grit System Rehabilitation
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE:

The purpose of the grit system is to allow for the heavy particle in typical wastewater to be removed before they damage downstream equipment. The grit system needs to have a major overhaul after 10 years of service. This has not been completed and allowing the system to function without these maintenance events will cause the equipment to stop functioning.

KEY POINTS:

Grit system needs to be overhauled. This maintenance event is past due. Should be completed every 10 years and has yet to be completed.

PROJECT STATUS:

Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2020

PROJECTED END DATE: 6/31/2021

FUTURE M & O:
(Additional Cost & Department Responsibility)

None.

CRITERIA (1-8):

Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor and materials	$0	$0	$0	$90,000	$0	$90,000	$0
contingency	$0	$0	$0	$10,000	$0	$10,000	$0
staff time	$0	$0	$0	$5,000	$0	$5,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$0	$0	$105,000	$0	$105,000	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	$0	$0	$0	$100,000	$0	$100,000	$0
015 Wastewater Salaries	$0	$0	$0	$5,000	$0	$5,000	$0
Total Funding:	$0	$0	$0	$105,000	$0	$105,000	$0

Sewer Project

PROJECT # WW2016-43
Anoxic Tank Inspection
(Capital)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: The purpose of this project is to remove tank from service, inspect tanks integrity, and report findings.

KEY POINTS: Tanks needs to be inspected due to the presence of H2S gases.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2021

PROJECTED END DATE: 6/30/2022

FUTURE M & O:
(Additional Cost & Department Responsibility) The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year						
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	Total	Unfunded
Costs Description							
Construction Cost	$0	$0	$0	$0	$68,182	$68,182	$0
Contingency 10%	$0	$0	$0	$0	$6,818	$6,818	$0
Staff Time	$0	$0	$0	$0	$5,000	$5,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$0	$0	$0	$80,000	$80,000	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND		$0	$0	$0	$75,000	$75,000	$0
015 Waste water Salaries	$0	$0	$0	$0	$5,000	$5,000	$0
Total Funding:	$0	$0	$0	$0	$80,000	$80,000	$0

Sewer Project

PROJECT # WW2016-44
Anoxic Tank Resurfacing
(Capital)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: The purpose of this project is to remove tank from service, replace any worn or broken parts, resurface entire tank.

KEY POINTS: Tanks needs to be resurfaced due to the presence of H2S gases.

PROJECT STATUS: Request for Funding 2017-2022 Project Cycle

PROJECTED START DATE: 7/1/2021

PROJECTED END DATE: 6/30/2022

FUTURE M & O:
(Additional Cost & Department Responsibility) None.

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
construction	$0	$0	$0	$0	$272,727	$272,727	$0
contingency 10%	$0	$0	$0	$0	$27,273	$27,273	$0
staff time	$0	$0	$0	$0	$5,000	$5,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$0	$0	$0	$305,000	$305,000	$0
Funding Sources							
615 Sewer/Wastewater CIP Fund		$0	$0	$0	$300,000	$300,000	$0
015 Wastewater Salaries	$0	$0	$0	$0	$5,000	$5,000	$0
Total Funding:	$0	$0	$0	$0	$305,000	$305,000	$0

Sewer Project

PROJECT # WW2014-45
FOG DAFT SYSTEM REHABILITATION
(Operations)
(Maintenance & Repair)
District 1,2,3,4,5

PROJECT MANAGER: Josh Rogers

PROJECT DESCRIPTION & PURPOSE: The purpose of the overhaul is to take down the system, inspect all aspects of the equipment, document all areas of concern, repair all areas, replace all needed equipment and coat tank with corrosion proof epoxy.

KEY POINTS: Repair and replace all broken or failing equipment and coat tank for corrosion control.

PROJECT STATUS: Request for Funding 2017-2022 Cycle

PROJECTED START DATE: 7/1/2021

PROJECTED END DATE: 6/30/2022

FUTURE M & O:
(Additional Cost & Department Responsibility) None.

CRITERIA (1-8): Criteria 2: Project addresses regulatory, safety, or environmental requirements that more likely than not threatens in whole or in part the City's ability to operate a core program or function within the next fiscal year if not replace or repaired.

	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Costs Description							
Contract - Labor and materials	$0	$0	$0	$0	$227,273	$227,273	$0
C&L contingency	$0	$0	$0	$0	$22,727	$22,727	$0
Staff Time	$0	$0	$0	$0	$5,000	$5,000	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$0	$0	$0	$255,000	$255,000	$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND		$0	$0	$0	$250,000	$250,000	$0
015 Wastewater fund - Salaries	$0	$0	$0	$0	$5,000	$5,000	$0
Total Funding:	$0	$0	$0	$0	$255,000	$255,000	$0

City of Tulare
2017-2022 Projects Budget

TRANSPORTATION PROJECTS

Five Year List:

ST0006	Annual Transportation Minor Replacement
ST0007	Annual Transportation Maintenance
EN0060	**Transportation Planning**
EN0061	Annual Transportation Expansion
EN0062	Annual Transportation Studies/Admin
EN0070	**I' St.-Owens Improvements**
EN0071	Prosperity Ave. - Blackstone Improvements
EN2014-1	J' St. Improvements
EN2014-2	**Cartmill-Hillman Improvements**
EN2014-04	Cross Ave. Improvements
EN2014-06	**Maple Ave. Improvements**
EN2014-07	**O' St. Improvements**
EN2016-1	ADA PRoW Transition Plan
EN2016-01	**Cherry-Bash Alley Improvements**
EN2016-03	**Sonora Ave. Improvements**
EN2016-04	**Sacramento-Pleasant Improvements**
EN2016-05	**Tulare Improvements**
EN2016-06	**Highland/Academy Tract Improvements**
EN2016-07	**Sequoia-Spruce Tract Improvements**
EN2016-08	**Elliott-Mefford Tract Improvements**
EN2016-09	**Pratt St. Improvements**
EN2016-10	**Oaks St. Improvements**
EN2016-14	Bardsley/Morrison St. Sidewalk Improvements at Mission Oak High School
EN2016-16	RSTP Funding Program

PROJECT EXPENSES	FISCAL YEARS 2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	Grand Total
Engineering	**$8,108,354**	**$12,902,268**	**$13,888,955**	**$15,335,128**	**$16,616,277**	**$66,850,983**
ADA PRoW Transition Plan	$170,000					$170,000
ADA Surveys	$25,000	$25,000	$25,000	$25,000	$25,000	$125,000
Annual Traffic Counts	$9,000	$9,000	$9,000	$9,000	$9,000	$45,000
Basic Admin.	$40,000	$40,000	$40,000	$40,000	$40,000	$200,000
Cartmill/Hillman	**$2,260,176**					**$2,260,176**
Cross: Tulare - West	$30,029	$328,488				$358,516
J Street	$95,000					$95,000
Maple: Sacramento - E		**$86,473**	**$961,545**			**$1,048,018**
New Traffic Signal Installation	$175,000	$175,000	$175,000	$175,000	$175,000	$875,000
O St: Bardsley - Pleasant	**$434,436**	**$5,145,193**				**$5,579,628**
PMS Software License	$3,500	$3,500	$3,500	$3,500	$3,500	$17,500
Priority Growth Areas	$278,000	$278,000	$278,000	$278,000	$278,000	$1,390,000
Project 01 - Cherry-Bash Alley	**$426,167**	**$5,091,358**				**$5,517,525**
Project 02 - 'I' St.-Owens	**$3,031,077**					**$3,031,077**
Project 03 - Sonora		**$185,141**	**$2,193,435**			**$2,378,576**
Project 04 - Sacramento-Pleasant		**$697,148**	**$8,303,852**			**$9,001,000**
Project 05 - Tulare			**$461,755**	**$5,473,653**		**$5,935,408**
Project 06 - Highland-Academy Tracts				**$688,307**	**$8,243,127**	**$8,931,434**
Project 07 - Sequoia-Spruce Tract				**$365,417**	**$4,360,940**	**$4,726,356**
Project 08 - Elliott-Mefford Tract			**$599,900**	**$7,180,190**		**$7,780,090**
Project 09 - Pratt Improvements				**$131,655**	**$1,504,779**	**$1,636,433**
Project 10 - Oaks St.				**$97,438**	**$1,138,963**	**$1,236,401**
Project 14 (Bardsley Sidewalk @ Mission Oak)	$43,000					$43,000
Project 15 (Prosperity - Blackstone-SR99 NB Ramp)	$250,000					$250,000
RSTP Program	$590,669	$590,669	$590,669	$590,669	$590,669	$2,953,345
Safe Schools	$15,000	$15,000	$15,000	$15,000	$15,000	$75,000
Speed Zone Surveys	$5,000	$5,000	$5,000	$35,000	$5,000	$55,000
Traffic Signal Timing Plan Updates	$26,000	$26,000	$26,000	$26,000	$26,000	$130,000
Transportation Planning	**$70,000**	**$70,000**	**$70,000**	**$70,000**	**$70,000**	**$350,000**

Warrant Studies	$18,000	$18,000	$18,000	$18,000	$18,000	$90,000
Traffic Safety (Enhancement)	$88,300	$88,300	$88,300	$88,300	$88,300	$441,500
New Street Lights	$25,000	$25,000	$25,000	$25,000	$25,000	$125,000
Streets	**$689,500**	**$784,500**	**$784,500**	**$784,500**	**$784,500**	**$3,827,500**
Grand Total	**$8,797,854**	**$13,686,768**	**$14,673,455**	**$16,119,628**	**$17,400,777**	**$70,678,483**

FUNDING SOURCES	FISCAL YEARS					
	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	Grand Total
010 Water Bonds	**$1,965,899**	**$2,988,421**	**$2,296,390**	**$4,634,321**	**$5,590,235**	**$17,475,267**
021 Measure R Local	$1,113,933	$1,266,982	$1,385,373	$975,700	$1,255,200	$5,997,188
022 GAS TAX	$1,134,605	$762,019	$2,348,224	$1,727,994	$2,514,516	$8,487,358
601 Other General Fund CIP	$28,000					$28,000
615 SEWER/WASTEWATER CIP	**$1,404,813**	**$3,476,096**	**$4,504,250**	**$5,418,429**	**$5,189,059**	**$19,992,647**
643 Franchise Fee (Solid Waste)	$100,000	$100,000	$100,000	$100,000	$100,000	$500,000
643 General Fund Transportation Materials	$304,100	$304,100	$304,100	$304,100	$304,100	$1,520,500
643 RDA	$244,479	$2,447,577	$1,307,944			$4,000,000
643 RSTP	$590,669	$590,669	$590,669	$590,669	$590,669	$2,953,345
647 SURFACE WATER CIP	$643,000	$1,125,905	$1,211,505	$1,743,414	$1,231,999	$5,955,823
ST0007-0001-0601 (Gas Tax)	$50,000					$50,000
077 Redevelopment CDBG	$390,000	$390,000	$390,000	$390,000	$390,000	$1,950,000
021 OWP	$35,000	$35,000	$35,000	$35,000	$35,000	$175,000
230 DIF LOCAL STREETS AND TRAFFIC SIGNALS	$150,000					$150,000
001 Measure 'I'	$200,000	$200,000	$200,000	$200,000	$200,000	$1,000,000
301 DIF - STORM DRAIN FAC	$136,597					$136,597
250 DIF STS/MEDIANS/LANDSCAPING	$250,560					$250,560
260 DIF WATER SUPPLY/DISTRIBUTION/HOLDING FAC	**$17,200**					**$17,200**
290 DIF SEWAGE COL & WASTEWATER TREATMENT FAC	**$39,000**					**$39,000**
Grand Total	**$8,797,854**	**$13,686,768**	**$14,673,455**	**$16,119,628**	**$17,400,777**	**$70,678,483**

TRANSPORTATION PROJECT

PROJECT #EN2014-06
Maple Ave. Improvements
(Capital)
(Capital)
District(s): 1,2

PROJECT MANAGER: Nick Bartsch

PROJECT DESCRIPTION & PURPOSE:

Pavement Management System / Utility project on Maple Ave. between Sacramento and 'E' St. Includes ADA Concrete work, Sewer and Surface Water facility improvements.

KEY POINTS:

Utility Infrastructure Improvements; Traffic safety; Relief from potential liability concerns; Compliance to the American Disabilities Act

PROJECT STATUS:

Approved by TMT on 9/23/16

PROJECTED START DATE: 7/1/2018

PROJECTED END DATE: 12/31/2019

FUTURE M & O:
(Additional Cost & Department Responsibility)

No additional Cost

CRITERIA (1-8):

Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
Costs Description							
001 -Conceptual	$0	$0	$0	$0	$0	$ -	$ -
002 - Preliminary Design	$0	$0	$0	$0	$0	$ -	$ -
003 - Environmental	$0	$6,000	$0	$0	$0	$6,000	$ -
004 - Final Design	$0	$80,473	$0	$0	$0	$80,473	$ -
005 - Construct/Impliment	$0	$0	$961,545	$0	$0	$961,545	$ -
006 - Close Out	$0	$0	$0	$0	$0	$ -	$ -
Total Costs:	$0	$86,473	$961,545	$0	$0	$1,048,018	$ -
Funding Sources							
022 - Gas Tax	$0	$41,939	$382,904	$0	$0	$424,844	$ -
021 - Measure R-Local	$0	$0	$0	$0	$0	$ -	$ -
077 - CDBG	$0	$0	$90,000	$0	$0	$90,000	$ -
010 - Water Bonds	$0	$0	$0	$0	$0	$ -	$ -
615 - Sewer/Wastewater CIP	$0	$39,345	$432,229	$0	$0	$471,574	
647 - Surface Water CIP	$0	$5,188	$56,412	$0	$0	$61,600	$ -
Total Funding:	$0	$86,473	$961,545	$0	$0	$1,048,018	$ -

TRANSPORTATION PROJECT

PROJECT #EN2014-2
Cartmill-Hillman Improvements - Alternative 1
(Capital)
(Capital)
District(s): 4,5

PROJECT MANAGER: Nick Bartsch

PROJECT DESCRIPTION & PURPOSE: Pavement Management System / Traffic Safety / Utilty project on Cartmill Ave. at Hillman Avenue to approximately 523 feet west of De La Vina. Includes intersection and signal improvements to allow for dedicated left-turn lanes, additional queuing and enhanced traffic safety, ADA Concrete work, Water, Sewer and Surface Water facility improvements.

KEY POINTS: Utility Infrastructure Improvements; Reduces traffic safety Improvements; Relief from potential liability concerns; Compliance to the American Disabilities Act.

PROJECT STATUS: Approved by TMT on 9/23/16

PROJECTED START DATE: 2/1/2017

PROJECTED END DATE: 6/30/2018

FUTURE M & O:
(Additional Cost & Department Responsibility) No additional Cost

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year						
	2016/17	2017/18	2018/19	2019/20	2020/21	Total	Unfunded
Costs Description							
001 -Conceptual	$0	$0	$0	$0	$0	$0	$0
002 - Preliminary Design	$0	$0	$0	$0	$0	$0	$0
003 - Environmental	$172,500	$0	$0	$0	$0	$172,500	$0
004 - Final Design	$162,678	$0	$0	$0	$0	$162,678	$0
005 - Construct/Impliment	$0	$2,260,176	$0	$0	$0	$2,260,176	$0
006 - Close Out	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$335,178	$2,260,176	$0	$0	$0	$2,595,354	$0
Funding Sources							
022 - Gas Tax	$61,459	$493,984	$0	$0	$0	$555,444	$0
021 - Measure R-Local	$171,907	$106,093	$0	$0	$0	$278,000	$0
230 - DIF Local Streets and Traffic Signals	$0	$150,000	$0	$0	$0	$150,000	$0
250 - DIF - STS/MEDIANS/LANDSCAPING	$0	$250,560	$0	$0	$0	$250,560	$0
010 - Water Bonds	$38,240	$451,557	$0	$0	$0	$489,797	$0
260 - DIF - WATER SUPPLY/DISTRIBUTION/HOLDING FAC	$0	$17,200	$0	$0	$0	$17,200	$0
615 - Sewer/Wastewater CIP	$52,020	$615,185	$0	$0	$0	$667,205	$0
290 - DIF -SEWAGE COL & WASTEWATER TREATMENT FAC	$0	$39,000	$0	$0	$0	$39,000	$0
647 - Surface Water CIP	$0	$0	$0	$0	$0	$0	$0
301 - DIF - STORM DRAIN FAC	$11,551	$136,597	$0	$0	$0	$148,148	$0
Total Funding:	$335,178	$2,260,176	$0	$0	$0	$2,595,354	$0

TRANSPORTATION PROJECT

PROJECT #EN0070
'I' St.-Owens Improvements
(Capital)
(Capital)
District(s): 2, 3

PROJECT MANAGER: Nick Bartsch

PROJECT DESCRIPTION & PURPOSE:

Pavement Management System / Utilty project on 'I' St. between San Joaquin and Pleasant; Owens between 'E' St. and 'I' St. Includes ADA Concrete work, Water, Sewer and Surface Water facilities.

KEY POINTS:

Critical Utility Infrastructure Improvements; **Increased capacity from a proposed new well site;** Traffic safety; Relief from potential liability concerns; Compliance to the American Disabilities Act

PROJECT STATUS:

Approved by TMT on 9/23/16

PROJECTED START DATE: 1/1/2017

PROJECTED END DATE: 6/30/2018

FUTURE M & O:
(Additional Cost & Department Responsibility)

No additional Cost

CRITERIA (1-8):

Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year						
	2016/17	2017/18	2018/19	2019/20	2020/21	Total	Unfunded
Costs Description							
001 -Conceptual	$0	$0	$0	$0	$0	$ -	$ -
002 - Preliminary Design	$0	$0	$0	$0	$0	$ -	$ -
003 - Environmental	$6,000	$0	$0	$0	$0	$6,000	$ -
004 - Final Design	$252,600	$0	$0	$0	$0	$252,600	$ -
005 - Construct/Impliment	$0	$3,031,077	$0	$0	$0	$3,031,077	$ -
006 - Close Out	$0	$0	$0	$0	$0	$ -	$ -
Total Costs:	$258,600	$3,031,077	$0	$0	$0	$3,289,677	$ -
Funding Sources							
022 - Gas Tax	$50,548	$0	$0	$0	$0	$50,548	$ -
021 - Measure R-Local	$5,906	$271,139	$0	$0	$0	$277,045	$ -
077- CDBG	$0	$390,000	$0	$0	$0	$390,000	$ -
010 - Water Bonds	$109,285	$1,280,145	$0	$0	$0	$1,389,430	$ -
615 - Sewer/Wastewater CIP	$45,264	$530,553	$0	$0	$0	$575,817	
647 - Surface Water CIP	$47,598	$559,239	$0	$0	$0	$606,837	$ -
Total Funding:	$258,600	$3,031,077	$0	$0	$0	$3,289,677	$ -

TRANSPORTATION PROJECT

PROJECT #EN0060
Transportation Planning
(Capital)
(Annual)
District(s): 1,2,3,4,5

PROJECT MANAGER: Nick Bartsch

PROJECT DESCRIPTION & PURPOSE: Annual project for the planning of transporation and utility related maintenance, improvement and expansion projects.

KEY POINTS: Annual project

PROJECT STATUS: Approved by TMT on 9/23/16

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 6/30/2022

FUTURE M & O:
(Additional Cost & Department Responsibility) No additional Cost

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
Costs Description							
Consultant Engineer	$15,000	$15,000	$15,000	$15,000	$15,000	$75,000	$ -
Development Services Time	$12,500	$12,500	$12,500	$12,500	$12,500	$62,500	$ -
Project Management Time	$20,000	$20,000	$20,000	$20,000	$20,000	$100,000	$ -
Streets Time	$7,500	$7,500	$7,500	$7,500	$7,500	$37,500	$ -
Sewer Time	$7,500	$7,500	$7,500	$7,500	$7,500	$37,500	$ -
Water Time	$7,500	$7,500	$7,500	$7,500	$7,500	$37,500	$ -
Total Costs:	$70,000	$70,000	$70,000	$70,000	$70,000	$350,000	$ -
Funding Sources							
022 - Gas Tax	$45,000	$40,000	$40,000	$40,000	$40,000	$205,000	$ -
021 - Measure R Local	$5,000	$10,000	$10,000	$10,000	$10,000	$45,000	$ -
615 - SEWER/WASTEWATER CIP	$10,000	$10,000	$10,000	$10,000	$10,000	$50,000	$ -
010 - Water Bonds	$10,000	$10,000	$10,000	$10,000	$10,000	$50,000	$ -
Total Funding:	$70,000	$70,000	$70,000	$70,000	$70,000	$350,000	$ -

TRANSPORTATION PROJECT

PROJECT #EN2014-07
'O' St. Improvements
(Capital)
(Capital)
District(s): 3,4

PROJECT MANAGER: Nick Bartsch

PROJECT DESCRIPTION & PURPOSE:

Pavement Management System / Utility project on 'O' St. between Bardsley and Pleasant. Includes ADA Concrete work, Water, Sewer and Surface Water facility improvements.

KEY POINTS:

Utility Infrastructure Improvements; Traffic safety; Relief from potential liability concerns; Compliance to the American Disabilities Act

PROJECT STATUS:

Approved by TMT on 9/23/16

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 12/31/2018

FUTURE M & O:
(Additional Cost & Department Responsibility)

No additional Cost

CRITERIA (1-8):

Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
Costs Description							
001 -Conceptual	$0	$0	$0	$0	$0	$ -	$ -
002 - Preliminary Design	$0	$0	$0	$0	$0	$ -	$ -
003 - Environmental	$6,000	$0	$0	$0	$0	$6,000	$ -
004 - Final Design	$428,436	$0	$0	$0	$0	$428,436	$ -
005 - Construct/Implment	$0	$5,145,193	$0	$0	$0	$5,145,193	$ -
006 - Close Out	$0	$0	$0	$0	$0	$ -	$ -
Total Costs:	$434,436	$5,145,193	$0	$0	$0	**$5,579,628**	$ -
Funding Sources							
643 - RDA	$244,479	$2,208,883	$0	$0	$0	$2,453,362	$ -
077 - CDBG	$0	$390,000	$0	$0	$0	$390,000	$ -
010 - Water Bonds	$97,248	$1,300,145	$0	$0	$0	$1,397,393	$ -
615 - Sewer/Wastewater CIP	$71,939	$1,001,284	$0	$0	$0	$1,073,223	
647 - Surface Water CIP	$20,770	$244,880	$0	$0	$0	$265,650	$ -
Total Funding:	$434,436	$5,145,193	$0	$0	$0	**$5,579,628**	$ -

TRANSPORTATION PROJECT

PROJECT #EN2016-01
Cherry-Bash Alley Improvements
(Capital)
(Capital)
District(s): 4

PROJECT MANAGER: Nick Bartsch

PROJECT DESCRIPTION & PURPOSE:

Pavement Management System / Utilty project on Cherry St. between Tulare Ave. and Merritt Ave.; Bash Alley between Gem St. and Cherry St.; Gem/Auburn Alley between Cross Ave. and Terrance Ave.; Auburn/Cherry Alley between Cross Ave. and Bash Alley; Lyndale Dr. between Cherry St. and Blackstone St. Includes ADA Concrete work, Water, Sewer and Surface Water facilities.

KEY POINTS:

Critical Utility Infrastructure Improvements; Traffic safety; Relief from potential liability concerns; Compliance to the American Disabilities Act

PROJECT STATUS:

Approved by TMT on 9/23/16

PROJECTED START DATE: 7/1/2017

PROJECTED END DATE: 12/31/2018

FUTURE M & O:
(Additional Cost & Department Responsibility)

No additional Cost

CRITERIA (1-8):

Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year						
	2017/18	2018/19	2019/20	2020/21	2021/22	Total	Unfunded
Costs Description							
001 -Conceptual	$0	$0	$0	$0	$0	$ -	$ -
002 - Preliminary Design	$0	$0	$0	$0	$0	$ -	$ -
003 - Environmental	$2,500	$0	$0	$0	$0	$2,500	$ -
004 - Final Design	$423,667	$0	$0	$0	$0	$423,667	$ -
005 - Construct/Impliment	$0	$5,091,358	$0	$0	$0	$5,091,358	$ -
006 - Close Out	$0	$0	$0	$0	$0	$ -	$ -
Total Costs:	$426,167	$5,091,358	$0	$0	$0	$5,517,525	$ -
Funding Sources							
022 - Gas Tax	$59,092	$309,575	$0	$0	$0	$368,667	$ -
021 - Measure R-Local	$0	$395,782	$0	$0	$0	$395,782	$ -
010 - Water Bonds	$126,949	$1,515,692	$0	$0	$0	$1,642,641	$ -
615 - Sewer/Wastewater CIP	$177,136	$2,118,752	$0	$0	$0	$2,295,887	$ -
647 - Surface Water CIP	$62,991	$751,557	$0	$0	$0	$814,548	$ -
Total Funding:	$426,167	$5,091,358	$0	$0	$0	$5,517,525	$ -

TRANSPORTATION PROJECT

PROJECT #EN2016-03
Sonora Ave. Improvements
(Capital)
(Capital)
District(s): 1, 2

PROJECT MANAGER: Nick Bartsch

PROJECT DESCRIPTION & PURPOSE:

Pavement Management System / Utilty project on Sonora Ave. between West and 'E' St. Includes ADA Concrete work, Water, Sewer and Surface Water facilities.

KEY POINTS:

Critical Utility Infrastructure Improvements; Traffic safety; Relief from potential liability concerns; Compliance to the American Disabilities Act

PROJECT STATUS:

Approved by TMT on 9/23/16

PROJECTED START DATE: 7/1/2018

PROJECTED END DATE: 12/31/2019

FUTURE M & O:
(Additional Cost & Department Responsibility)

No additional Cost

CRITERIA (1-8):

Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year						
	2017/18	2018/19	2019/20	2020/21	2021/22	Total	Unfunded
Costs Description							
001 -Conceptual	$0	$0	$0	$0	$0	$ -	$ -
002 - Preliminary Design	$0	$0	$0	$0	$0	$ -	$ -
003 - Environmental	$0	$2,500	$0	$0	$0	$2,500	$ -
004 - Final Design	$0	$182,641	$0	$0	$0	$182,641	$ -
005 - Construct/Impliment	$0	$0	$2,193,435	$0	$0	$2,193,435	$ -
006 - Close Out	$0	$0	$0	$0	$0	$ -	$ -
Total Costs:	$0	$185,141	$2,193,435	$0	$0	$2,378,576	$ -
Funding Sources							
022 - Gas Tax	$0	$50,017	$425,232	$0	$0	$475,249	$ -
021 - Measure R-Local	$0	$0	$169,500	$0	$0	$169,500	$ -
010 - Water Bonds	$0	$18,115	$214,159	$0	$0	$232,274	$ -
615 - Sewer/Wastewater CIP	$0	$84,325	$998,067	$0	$0	$1,082,393	$ -
647 - Surface Water CIP	$0	$32,684	$386,476	$0	$0	$419,160	$ -
Total Funding:	$0	$185,141	$2,193,435	$0	$0	$2,378,576	$ -

TRANSPORTATION PROJECT

PROJECT #EN2016-04
Sacramento-Pleasant Improvements
(Capital)
(Capital)
District(s): 1, 2

PROJECT MANAGER: Nick Bartsch

PROJECT DESCRIPTION & PURPOSE: Pavement Management System / Utilty project on Sacramento St. between Sonora and Pleasant; Sacramento St. between Bardsley and Elm; Pleaseant Ave, between Cromley and 'H'. Includes ADA Concrete work, Water, Sewer and Surface Water facilities.

KEY POINTS: Critical Utility Infrastructure Improvements; Traffic safety; Relief from potential liability concerns; Compliance to the American Disabilities Act

PROJECT STATUS: Approved by TMT on 9/23/16

PROJECTED START DATE: 7/1/2018

PROJECTED END DATE: 12/31/2019

FUTURE M & O:
(Additional Cost & Department Responsibility) No additional Cost

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
Costs Description							
001 -Conceptual	$0	$0	$0	$0	$0	$ -	$ -
002 - Preliminary Design	$0	$0	$0	$0	$0	$ -	$ -
003 - Environmental	$0	$6,000	$0	$0	$0	$6,000	$ -
004 - Final Design	$0	$691,148	$0	$0	$0	$691,148	$ -
005 - Construct/Impliment	$0	$0	$8,303,852	$0	$0	$8,303,852	$ -
006 - Close Out	$0	$0	$0	$0	$0	$ -	$ -
Total Costs:	$0	$697,148	$8,303,852	$0	$0	$9,001,000	$ -
Funding Sources							
022 - Gas Tax	$0	$0	$1,215,283	$0	$0	$1,215,283	$ -
021 - Measure R-Local	$0	$0	$479,173	$0	$0	$479,173	$ -
643 - RDA	$0	$238,694	$1,307,944	$0	$0	$1,546,638	$ -
077 - CDBG	$0	$0	$300,000	$0	$0	$300,000	
010 - Water Bonds	$0	$144,468	$1,724,378	$0	$0	$1,868,846	
615 - Sewer/Wastewater CIP	$0	$222,390	$2,646,270	$0	$0	$2,868,660	
647 - Surface Water CIP	$0	$91,596	$630,804	$0	$0	$722,400	$ -
Total Funding:	$0	$697,148	$8,303,852	$0	$0	$9,001,000	$ -

TRANSPORTATION PROJECT

PROJECT #EN2016-05
Tulare Improvements
(Capital)
(Capital)
District(s): 2

PROJECT MANAGER: Nick Bartsch

PROJECT DESCRIPTION & PURPOSE:

Pavement Management System / Utilty project on Tulare Ave. between West St. and the Union Pacific Railroad. Includes ADA Concrete work, Water, Sewer and Surface Water facilities.

KEY POINTS:

Critical Utility Infrastructure Improvements; Traffic safety; Relief from potential liability concerns; Compliance to the American Disabilities Act

PROJECT STATUS:

Approved by TMT on 9/23/16

PROJECTED START DATE: 7/1/2019

PROJECTED END DATE: 12/31/2020

FUTURE M & O:
(Additional Cost & Department Responsibility)

No additional Cost

CRITERIA (1-8):

Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
Costs Description							
001 -Conceptual	$0	$0	$0	$0	$0	$ -	$ -
002 - Preliminary Design	$0	$0	$0	$0	$0	$ -	$ -
003 - Environmental	$0	$0	$6,000	$0	$0	$6,000	$ -
004 - Final Design	$0	$0	$455,755	$0	$0	$455,755	$ -
005 - Construct/Impliment	$0	$0	$0	$5,473,653	$0	$5,473,653	$ -
006 - Close Out	$0	$0	$0	$0	$0	$ -	$ -
Total Costs:	$0	$0	$461,755	$5,473,653	$0	$5,935,408	$ -
Funding Sources							
022 - Gas Tax	$0	$0	$95,801	$537,942	$0	$633,743	$ -
021 - Measure R-Local	$0	$0	$0	$209,000	$0	$209,000	$ -
077 - CDBG	$0	$0	$0	$390,000	$0	$390,000	$ -
010 - Water Bonds	$0	$0	$92,628	$1,099,654	$0	$1,192,282	$ -
615 - Sewer/Wastewater CIP	$0	$0	$198,279	$2,346,123	$0	$2,544,402	$ -
647 - Surface Water CIP	$0	$0	$75,046	$890,934	$0	$965,980	$ -
Total Funding:	$0	$0	$461,755	$5,473,653	$0	$5,935,408	$ -

TRANSPORTATION PROJECT

PROJECT #EN2016-06
Highland/Academy Tract Improvements
(Capital)
(Capital)
District(s): 4

PROJECT MANAGER: Nick Bartsch

PROJECT DESCRIPTION & PURPOSE:

Pavement Management System / Utilty project on Academy between Gem and Blackstone; Apricot between Gem and Blackstone; San Joaquin between 'O' St. and Blackstone; Sycamore between Cherry and Blackstone; Madden between Tulare and Sycamore; King between 'O' and Cherry. Includes ADA Concrete work, Water, Sewer and Surface Water facilities.

KEY POINTS:

Critical Utility Infrastructure Improvements; Traffic safety; Relief from potential liability concerns; Compliance to the American Disabilities Act

PROJECT STATUS:

Approved by TMT on 9/23/16

PROJECTED START DATE: 7/1/2020

PROJECTED END DATE: 12/31/2021

FUTURE M & O:
(Additional Cost & Department Responsibility)

No additional Cost

CRITERIA (1-8):

Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
Costs Description							
001 -Conceptual	$0	$0	$0	$0	$0	$0	$0
002 - Preliminary Design	$0	$0	$0	$0	$0	$0	$0
003 - Environmental	$0	$0	$0	$2,500	$0	$2,500	$0
004 - Final Design	$0	$0	$0	$685,807	$0	$685,807	$0
005 - Construct/Impliment	$0	$0	$0	$0	$8,243,127	$8,243,127	$0
006 - Close Out	$0	$0	$0	$0	$0	$0	$0
Total Costs:	$0	$0	$0	$688,307	$8,243,127	**$8,931,434**	$0
Funding Sources							
022 - Gas Tax	$0	$0	$0	$74,087	$667,103	$741,190	$0
021 - Measure R-Local	$0	$0	$0	$0	$218,500	$218,500	$0
010 - Water Bonds	$0	$0	$0	$304,010	$3,641,995	$3,946,005	$0
615 - Sewer/Wastewater CIP	$0	$0	$0	$260,221	$3,115,022	$3,375,243	
647 - Surface Water CIP	$0	$0	$0	$49,988	$600,508	$650,496	$0
Total Funding:	$0	$0	$0	$688,307	$8,243,127	**$8,931,434**	$0

TRANSPORTATION PROJECT

PROJECT #EN2016-07
Sequoia-Spruce Tract Improvements
(Capital)
(Capital)
District(s): 3, 4

PROJECT MANAGER: Nick Bartsch

PROJECT DESCRIPTION & PURPOSE:

Pavement Management System / Utilty project on Spruce between Bardsley and Tulare; Sierra betwee SR99 and Spruce; Sierra/Sequoia Alley between SR99 and Spruce; Sequoia between Dayton and Spruce; Sequoia/Kern Alley between Dayton and Spruce; Kern between Dayton and Spruce. Includes ADA Concrete work, Water, Sewer and Surface Water facilities.

KEY POINTS:

Critical Utility Infrastructure Improvements; Traffic safety; Relief from potential liability concerns; Compliance to the American Disabilities Act

PROJECT STATUS:

Approved by TMT on 9/23/16

PROJECTED START DATE: 7/1/2020

PROJECTED END DATE: 12/31/2021

FUTURE M & O:
(Additional Cost & Department Responsibility)

No additional Cost

CRITERIA (1-8):

Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
Costs Description							
001 - Conceptual	$0	$0	$0	$0	$0	$ -	$ -
002 - Preliminary Design	$0	$0	$0	$0	$0	$ -	$ -
003 - Environmental	$0	$0	$0	$2,500	$0	$2,500	$ -
004 - Final Design	$0	$0	$0	$362,917	$0	$362,917	$ -
005 - Construct/Impliment	$0	$0	$0	$0	$4,360,940	$4,360,940	$ -
006 - Close Out	$0	$0	$0	$0	$0	$0	$ -
Total Costs:	$0	$0	$0	$365,417	$4,360,940	$4,726,356	$ -
Funding Sources							
022 - Gas Tax	$0	$0	$0	$91,440	$793,295	$884,734	$ -
021 - Measure R-Local	$0	$0	$0	$0	$300,000	$300,000	$ -
010 - Water Bonds	$0	$0	$0	$108,367	$1,292,902	$1,401,269	$ -
615 - Sewer/Wastewater CIP	$0	$0	$0	$153,666	$1,831,163	$1,984,829	
647 - Surface Water CIP	$0	$0	$0	$11,943	$143,581	$155,525	$ -
Total Funding:	$0	$0	$0	$365,417	$4,360,940	$4,726,356	$ -

TRANSPORTATION PROJECT

PROJECT #EN2016-08
Elliott-Mefford Tract Improvements
(Capital)
(Capital)
District(s): 1

PROJECT MANAGER: Nick Bartsch

PROJECT DESCRIPTION & PURPOSE:

Pavement Management System / Utilty project on Owens between West and Santa Clara; Los Angeles between Bardsley and Owens; Elm between West and Santa Clara; Santa Clara between Bardsley and Inyo; Walter between Bardsley and Elm; Oliver between Bardsley and Elm; Cleveland between Bardsley and Elm; Victoria between Bardsley and Elm; Elm between Howard and 'D' St.; 'C' St. between Elm and Alpine. Includes ADA Concrete work, Water, Sewer and Surface Water facilities.

KEY POINTS:

Critical Utility Infrastructure Improvements; Traffic safety; Relief from potential liability concerns; Compliance to the American Disabilities Act

PROJECT STATUS:

Approved by TMT on 9/23/16

PROJECTED START DATE: 7/1/2019

PROJECTED END DATE: 12/31/2020

FUTURE M & O:
(Additional Cost & Department Responsibility)

No additional Cost

CRITERIA (1-8):

Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year						
	2017/18	2018/19	2019/20	2020/21	2021/22	Total	Unfunded
Costs Description							
001 - Conceptual	$0	$0	$0	$0	$0	$ -	$ -
002 - Preliminary Design	$0	$0	$0	$0	$0	$ -	$ -
003 - Environmental	$0	$0	$2,500	$0	$0	$2,500	$ -
004 - Final Design	$0	$0	$597,400	$0	$0	$597,400	$ -
005 - Construct/Impliment	$0	$0	$0	$7,180,190	$0	$7,180,190	$ -
006 - Close Out	$0	$0	$0	$0	$0	$ -	$ -
Total Costs:	$0	$0	$599,900	$7,180,190	$0	$7,780,090	$ -
Funding Sources							
022 - Gas Tax	$0	$0	$62,503	$747,601	$0	$810,104	$ -
010 - Water Bonds	$0	$0	$255,226	$3,056,621	$0	$3,311,847	$ -
615 - Sewer/Wastewater CIP	$0	$0	$219,404	$2,628,041	$0	$2,847,445	$ -
647 - Surface Water CIP	$0	$0	$62,766	$747,928	$0	$810,695	$ -
Total Funding:	$0	$0	$599,900	$7,180,190	$0	$7,780,090	$ -

TRANSPORTATION PROJECT

PROJECT #EN2016-09
Pratt St. Improvements
(Capital)
(Capital)
District(s): 1, 2

PROJECT MANAGER: Nick Bartsch

PROJECT DESCRIPTION & PURPOSE:

Pavement Management System / Utilty project on Pratt St. between Bardsley and Inyo (SR137). Includes ADA Concrete work, Water, Sewer and Surface Water facilities.

KEY POINTS:

Critical Utility Infrastructure Improvements; Traffic safety; Relief from potential liability concerns; Compliance to the American Disabilities Act

PROJECT STATUS:

Approved by TMT on 9/23/16

PROJECTED START DATE: 7/1/2020

PROJECTED END DATE: 12/31/2021

FUTURE M & O:
(Additional Cost & Department Responsibility)

No additional Cost

CRITERIA (1-8):

Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
Costs Description							
001 -Conceptual	$0	$0	$0	$0	$0	$ -	$ -
002 - Preliminary Design	$0	$0	$0	$0	$0	$ -	$ -
003 - Environmental	$0	$0	$0	$6,000	$0	$6,000	$ -
004 - Final Design	$0	$0	$0	$125,655	$0	$125,655	$ -
005 - Construct/Impliment	$0	$0	$0	$0	$1,504,779	$1,504,779	$ -
006 - Close Out	$0	$0	$0	$0	$0	$ -	$ -
Total Costs:	$0	$0	$0	$131,655	$1,504,779	$1,636,433	$ -
Funding Sources							
022 - Gas Tax	$0	$0	$0	$51,565	$199,720	$251,285	$ -
077 - CDBG	$0	$0	$0	$0	$390,000	$390,000	$ -
010 - Water Bonds	$0	$0	$0	$17,091	$194,274	$211,365	$ -
615 - Sewer/Wastewater CIP	$0	$0	$0	$20,378	$232,875	$253,253	
647 - Surface Water CIP	$0	$0	$0	$42,620	$487,910	$530,530	$ -
Total Funding:	$0	$0	$0	$131,655	$1,504,779	$1,636,433	$ -

TRANSPORTATION PROJECT

PROJECT #EN2016-10
Oaks St. Improvements
(Capital)
(Capital)
District(s): 4

PROJECT MANAGER: Nick Bartsch

PROJECT DESCRIPTION & PURPOSE: Pavement Management System / Utilty project on Oaks St. between Merritt and Prosperity; Oaks St. between Sandra and 'M' St. Includes ADA Concrete work, Water, Sewer and Surface Water facilities.

KEY POINTS: Critical Utility Infrastructure Improvements; Traffic safety; Relief from potential liability concerns; Compliance to the American Disabilities Act

PROJECT STATUS: Approved by TMT on 9/23/16

PROJECTED START DATE: 7/1/2020

PROJECTED END DATE: 12/31/2021

FUTURE M & O:
(Additional Cost & Department Responsibility) No additional Cost

CRITERIA (1-8): Criteria 7: Project addresses regulatory, safety, or environmental requirements that could threaten in whole or in part the City's ability to operate a core program or function at some future time if not replaced or repaired.

	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
Costs Description							
001 -Conceptual	$0	$0	$0	$0	$0	$ -	$ -
002 - Preliminary Design	$0	$0	$0	$0	$0	$ -	$ -
003 - Environmental	$0	$0	$0	$2,500	$0	$2,500	$ -
004 - Final Design	$0	$0	$0	$94,938	$0	$94,938	$ -
005 - Construct/Impliment	$0	$0	$0	$0	$1,138,963	$1,138,963	$ -
006 - Close Out	$0	$0	$0	$0	$0	$ -	$ -
Total Costs:	$0	$0	$0	$97,438	$1,138,963	$1,236,401	$ -
Funding Sources							
022 - Gas Tax	$0	$0	$0	$58,860	$687,898	$746,758	$ -
010 - Water Bonds	$0	$0	$0	$38,578	$451,065	$489,643	$ -
	$0	$0	$0	$0	$0	$0	$ -
	$0	$0	$0	$0	$0	$0	$ -
Total Funding:	$0	$0	$0	$97,438	$1,138,963	$1,236,401	$ -

AGENDA ITEM: Gen Bus 2

CITY OF TULARE, CALIFORNIA
BOARD OF PUBLIC UTILITIES COMMISSIONERS
AGENDA ITEM TRANSMITTAL SHEET

Submitting Department: Public Works / Water Division

For Board Meeting of: April 20, 2017

Documents Attached: ☐Ordinance ☐Resolution ☐Staff Report ☑Other ☐None

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AGENDA ITEM:
Approve scope changes to project WT0018 Variable Frequency Drive (VFD) Replacement Project; award and authorize the City Manager to execute a contract amendment for the VFD project to Telstar Instruments of Hanford, California in the amount of $88,800.00; and authorize the City Manager, or designee, to approve contract change orders in amounts up to 10% ($8,880.00) of the contract award.

IS PUBLIC HEARING REQUIRED: ☐ ***Yes*** ☑ ***No***

BACKGROUND/EXPLANATION:
Capital Improvement Program Project WT0018 is a variable frequency drive (VFD) project that was identified through the City's Capital Improvement Program (CIP), and was programmed for FY 15/16 and FY 16/17. As programmed, it was anticipated that the Water Division would replace three VFD's per year, for a total of six (6) VFD replacements.

For the FY 15/16 funding, the project was bid through RFB 16-579 and was subsequently awarded to Telstar Instruments of Hanford, CA in April 2016 for the installation/replacement of three (3) variable frequency drives (VFD's) at three City well sites (wells 33, 4, and 42). The bids were advertised in February 2016 and opened on March 28, 2016. The following bids were received:

Company	Location	Amount
Telstar Instruments	Hanford, CA	$87,592.37
Dan Freitas Electric, Inc	Tulare, CA	$94,029.00
Turnupseed Electric Service, Inc.	Tulare, CA	$127,728.32

Telstar Instruments satisfactorily completed the project and a Notice of Completion was filed in December 2016.

Staff is now recommending to award the project for the second year of funding for another three VFD replacements. Given that the first set of VFD replacements was competitively bid and the project was completed satisfactorily by Telstar Instruments, the previous City Attorney approved staff to obtain a quote from Telstar for the additional VFD replacements to be completed under the original contract. This eliminates the requirement to rebid the project and the additional work will require an amendment to Telstar's original contract. Telstar submitted a quote for the FY 16/17 VFD replacement project as follows:

Well #11	$27,700.00
Well #17	$30,550.00
Well #26	$30,550.00
Total Bid	$88,800.00

This quote is in line with the previous bid for VFD replacements and reflects a minor price increase to the equipment. As with the original project, this bid does include prevailing wage.

This project is budgeted in the FY 2016/17 Water CIP as project number WT0018 in the amount of $124,500 which includes funding for staff time. The original project scope included the replacement of the VFD's at wells 37, 14 and 26. Staff is recommending to not replace the VFD at well 37 due to uncertainty of the well with regards to TCP treatment and to not install the VFD at well 14 due to the current limited use of the well. Instead, staff is recommending the replacement of the VFD at well 11 which was recently rehabilitated, and we expect to see increased efficiency with the replacement of the VFD. We also expect to see an increased efficiency with the replacement of the VFD at well 17 which is located in the industrial area. Attached is a revised project sheet eliminating wells 37 and 14 from the scope of the project and replacing them with wells 11 and 17. Also attached for your reference is a draft copy of the Project Agreement.

STAFF RECOMMENDATION:
Approve scope changes to project WT0018 Variable Frequency Drive (VFD) Replacement Project; award and authorize the City Manager to execute a contract amendment for the VFD project to Telstar Instruments of Hanford, California in the amount of $88,800.00; and authorize the City Manager, or designee, to approve contract change orders in amounts up to 10% ($8,880.00) of the contract award.

CITY ATTORNEY REVIEW/COMMENTS: ☐Yes ☑No

IS ADDITIONAL (NON-BUDGETED) FUNDING REQUIRED: ☐Yes ☑No
(If yes, please submit required budget appropriation request)

Signed: Trisha Whitfield **Title: Project Manager**

Date: April 12, 2017 **City Manager Approval: _____**

CITY OF TULARE
BID FORM
PROJECT #: WT0018
VARIABLE FREQUENCY DRIVES

BID

To: City of Tulare
Attn: City Clerk
411 E. Kern Ave.
Tulare, CA 93274

THE UNDERSIGNED PROPOSES TO FURNISH AND INSTALL TO THE CITY OF TULARE THE FOLLOWING:

Three (3) Variable Frequency Drives:

A. Number of calendar days required for delivery of complete units to City Corporation Yard Notice of Award: 15 days

B. Complete stock of spare parts is maintained at:

Medallion Supply Visalia

C. Any exceptions to these specifications not otherwise covered:

NONE

Complete units shall be delivered and installed at the specified well sites.

THE UNDERSIGNED BIDS AS FOLLOWS:

1.	Well #11 – VFD & Installation (include sales tax)	$ 27,700.00
2.	Well #17 – VFD & Installation (include sales tax)	$ 30,550.00
3.	Well #26 – VFD & Installation (include sales tax)	$ 30,550.00
	NET BID (F.O.B. TULARE)	$ 88,800.00

TERMS

The City of Tulare agrees to pay the net bid amount thirty (30) days after delivery.

The City of Tulare reserves the right to reject any or bids or any part thereof.

BY:

Telstar Instruments, Inc.
BIDDING FIRM

202 S. Douty St., Hanford, CA 93230
BUSINESS ADDRESS

Gary A Dalt
SIGNATURE OF REPRESENTATIVE

Branch Manager
TITLE

Instructions Regarding Signature: If bidder is an individual, state "Sole Owner" after signature. If bidder is a partnership, signature must be by General Partner, so stated after "Title". If bidder is a Corporation, signature must be an authorized officer, so stated after "Title".

28956

PROJECT AGREEMENT
VARIABLE FREQUENCY DRIVES (VFD'S)
TULARE, CALIFORNIA

(City of Tulare Bid No. 16-579

This Agreement, entered into and effective this 26th day of April, 2016 ["Effective Date"], by and between the City of Tulare, hereinafter referred to as the "CITY", and Telstar Instruments hereinafter referred to as the "CONTRACTOR", "BIDDER", or "SUBRECIPIENT".

RECITALS

WHEREAS, CONTRACTOR is an Corporation with a primary business address of 1717 Solano Way, Unit 34, Concord, CA 94520 and SSN or EIN: 94-2785168 and

WHEREAS, CITY is a municipal corporation and Charter Law City; and

WHEREAS, CITY desires completion of the Variable Frequency Drive (VFD) Project, which was let to bid on Monday, March 28, 2016 as evidenced by Bid No. 16-579 (the "Project"); and

WHEREAS, City of Tulare reviewed and evaluated responses to the Bid and determined to award a contract to CONTRACTOR for the Project; and

WHEREAS, CONTRACTOR represents it is licensed, qualified and willing to complete the Project pursuant to terms and conditions of this Agreement.

NOW, THEREFORE, CITY and CONTRACTOR agree as follows:

1. TERM:
The term of this Agreement shall commence on the Effective Date and expire upon completion of all obligations of the parties, unless earlier terminated by the parties. The indemnification and defense provisions shall survive expiration and termination. Suspension or termination of this Agreement may occur if CONTRACTOR materially fails to comply with any term of the award. Additionally, this Agreement may be terminated for convenience. In the event of termination or expiration of this Agreement, CONTRACTOR shall transfer to CITY any funds and/or accounts receivable on hand attributable to the use of CITY funds.

2. ATTACHMENTS INCORPORATED:
The following are attachments for this Agreement. Said attachments are incorporated into this Agreement as if included in full in the body:

ATTACHMENT NO.	DESCRIPTION OF ATTACHMENT
Attachment 1	General Contract Provisions
Attachment 2	Insurance Requirements
Attachment 3	City of Tulare Bid 16-579, Variable Frequency Drives (VFD's)
Attachment 4	CONTRACTOR's proposal in response to Bid No. 16-579

3. CONTRACTOR SCOPE OF SERVICES and COMMITMENTS*:
CONTRACTOR shall provide the following services for the stated compensation on or before the stated completion dates ("Scope of Services"):

All work described in Scope of Services in Bid No. 16-579

4. CITY COMMITMENTS:

CITY shall perform the following tasks on or before the stated completion dates:

TASK	COMPLETION DATE
Pay Contractor as work is completed and invoiced	As requested by Contractor

5. COMPENSATION:

CITY shall pay CONTRACTOR compensation for services as indicated in Paragraph 4 above; however, CITY shall pay not more than the following amount as total compensation under this Agreement, unless otherwise agreed in writing. Such sum shall be paid by CITY within 30 days of receipt of invoice billing presented by the CONTRACTOR to the CITY as portions of work are completed.

Total Compensation:	$87,592.37
Source of Funds:	Local Revenues
Payment Schedule:	As invoices are received, less 5% retention until 35 days after work is completed and accepted by CITY as evidenced by the recordation of a Notice of Completion.

IN WITNESS WHEREOF, this Agreement is executed on the day and year first above written.

CONTRACTOR

Dated: 4-22-2016 By: _____

Authorized Officer: I certify under penalty of perjury under the laws of the State of California that I am fully authorized to execute this Agreement for CONTRACTOR in the capacity I have stated, and that such execution is sufficient to bind the CONTRACTOR.

CITY OF TULARE

Dated: 4/26/2016 By: _____
City Manager

Dated: 4-27-2016 By: _____
City Attorney

Exhibit "C"
Attachment 1
GENERAL CONTRACT PROVISIONS

A. Successors and Assigns: This Agreement shall be binding upon and shall inure to the benefit of any successors to or assigns of the parties.

B. Prohibition of Assignment: Neither party shall assign, delegate or transfer their rights and duties in this Agreement without the written consent of the other party.

C. Notices: Notice shall be sufficient hereunder if personally served upon the City Clerk of the CITY or an officer or principal of the CONTRACTOR, or if sent via the United States Postal Service, postage prepaid, addressed as follows:

CITY OF TULARE
411 E. Kern Ave.
Tulare, CA 93274
Attention: City Clerk

CONTRACTOR
1717 SOLANO WAY, UNIT 34
CONCORD CA 94520
Attention: TAMMY MARSTON

D. Independent Contractor: It is understood and agreed by the parties herein that CONTRACTOR, in the performance of this Agreement, shall act as an independent contractor, and therefore shall obtain no rights to any fringe benefits that accrue to regular full-time CITY employees.

E. Jurisdiction/Venue/Waiver Of Removal: This Agreement shall be administered and interpreted under the laws of the State of California. Jurisdiction of litigation arising from this Agreement shall be in California. Any action brought to interpret or enforce this Agreement, or any of the terms or conditions hereof, shall be brought in Tulare County, California. The CONTRACTOR hereby expressly waives any right to remove any action to a county other than Tulare County as permitted pursuant to Section 394 of the California Code of Civil Procedure.

F. Integration/Modification: This Agreement and each of the documents and exhibits or attachments referenced herein, which are incorporated by reference, represents the entire understanding of the parties as to those matters contained herein. No prior oral or written understanding shall be of any force or effect with respect to those matters covered hereunder. This Agreement may not be modified or altered except in writing signed by the parties, unless otherwise explicitly authorized.

G. Conflict With Law: If any part of this Agreement is found to be in conflict with applicable laws, such part shall be inoperative, null and void insofar as it is in conflict with said law, but the remainder of the Agreement shall be in full force and effect.

H. Indemnification: The CONTRACTOR waives any and all claims and recourse against the CITY, including the right of contribution of loss or damage to person or property arising from, growing out of, or in any way connected with or incidental to the CONTRACTOR's performance of this Agreement, except claims arising from the concurrent or sole negligence of the CITY or its officers, agents or employees. The CONTRACTOR will indemnify, hold harmless, and defend (at CITY's option) the CITY against any and all claims, demands, damages, costs, expenses, or liability arising out of the CONTRACTOR's performance of this Agreement except for liability arising out of the concurrent or sole negligence of the CITY or its officers, agents, or employees.

I. Guarantees and Warranties:

1. IN GENERAL: All guarantees and warranties specifically called for by the specifications and/or this Agreement shall expressly run to the benefit of the CITY.

2. ONE YEAR GUARANTEE: Besides guarantees required elsewhere, CONTRACTOR shall and hereby does guarantee the project work for a period of one year after the date of acceptance by CITY.

3. WARRANTIES: Warranties required by the Invitation to Bid or this Agreement shall commence on the date of acceptance of the work by CITY, unless otherwise provided in a Certificate of Substantial Completion.

CONTRACTOR warrants that the materials and equipment furnished under the Agreement will be new and of recent manufacturer unless otherwise specified, and that all work will be of good quality, free from faults and defects, and in conformance with the Agreement. Work that does not conform may be considered defective. This warranty excludes remedy for damage or defect caused by abuse, modifications not executed by the CONTRACTOR, improper or insufficient maintenance, improper operation, or normal wear and tear under normal usage.

CONTRACTOR warrants that title to all work covered by an application for payment will pass to the CITY either by incorporation in the construction or upon the receipt of payment by the CONTRACTOR, whichever occurs first, free and clear of all liens.

CONTRACTOR warrants and guarantees that title to all work, materials, and equipment covered by any application for payment, whether incorporated in the project or not, will pass to CITY no later than the time of payment free and clear of all liens.

No materials or supplies for the project shall be purchased by the CONTRACTOR or SUBCONTRACTOR subject to any mortgage or under a condition of sale contract or other agreement by which an interest is retained by the seller. CONTRACTOR warrants that it has good title to all materials and supplies used by it in the project, free from all liens.

CONTRACTOR shall indemnify and hold CITY harmless from all claims growing out of the lawful demands of SUBCONTRACTORS, laborers, workers, mechanics, material persons, and furnishers of machinery and parts thereof, equipment, power tools, and all supplies, incurred in furtherance of the performance of this Agreement. CONTRACTOR shall, at CITY's request, furnish satisfactory evidence that all obligations of the nature here and above designated have been paid, discharged, or waived. If CONTRACTOR fails to do so, then CITY may, after having served written notice on the CONTRACTOR, either pay directly unpaid bills, of which the CITY has written notice, or withhold from the CONTRACTOR's unpaid compensation a sum of money deemed reasonably sufficient to pay any and all such lawful claims until satisfactory evidence is furnished that all liabilities have been fully discharged where upon payment to the CONTRACTOR shall be resumed, in accordance of the terms of this Agreement, but in no event shall the provisions of this sentence be construed to impose any obligations on the CITY to either the CONTRACTOR or its surety. In paying any unpaid bills of the CONTRACTOR, the CITY shall be deemed the agent of the CONTRACTOR and any payment so made by the CITY shall be considered as payment made under the contract by the CITY to the CONTRACTOR and the CITY shall not be liable to the CONTRACTOR for any such payments made in good faith.

Any defective work that is either corrected or replaced shall be warrantied and guaranteed for a period of one year from the date of such correction or replacement.

J. Attorney's Fees: In the event either party commences any action, arbitration or legal proceedings for the enforcement of this Agreement, the prevailing party, as determined by the court or arbitrator, shall be entitled to recovery of its attorney's fees and court costs incurred in the action brought thereon.

K. Headings: Section headings are provided for organizational purposes only and do not in any manner affect the scope or intent of the provisions thereunder.

L. Firearms Prohibited: Guns may not be carried by contractors /vendors/consultants while working on City of Tulare premises without the expressed written approval of a City of Tulare Department Head, or an exemption in the contract. If a contractor/vendor/ consultant is caught carrying a gun, without City permission, their contract will be terminated.

M. Time is of the Essence: Time is of the essence in the performance of the construction anticipated by this Contract.

N. Liquidated Damages: CITY AND CONTRACTOR ACKNOWLEDGE AND AGREE THAT TIME IS OF THE ESSENCE FOR THIS PROJECT. THEREFORE, FOR EACH DAY THE PROJECT IS DELAYED BEYOND THE AGREED COMPLETION DATE OF TWENTY (20) CALENDAR DAYS, IT WOULD BE EXTREMELY DIFFICULT AND IMPRACTICAL TO ASCERTAIN THE EXTENT OF THE DETRIMENT TO CITY. THE PARTIES HAVE DETERMINED AND AGREED THAT THE ACTUAL AMOUNT OF DAMAGES THAT WOULD BE SUFFERED BY CITY AS A RESULT OF ANY SUCH DELAY IS THE SUM OF TWO HUNDRED DOLLARS ($200.00) PER DAY, WHICH IS A REASONABLE ESTIMATE OF THE AMOUNT OF SUCH DAMAGES. THE PAYMENT OF SUCH AMOUNT AS LIQUIDATED DAMAGES IS NOT INTENDED AS A FORFEITURE OR PENALTY WITHIN THE MEANING OF CALIFORNIA CIVIL CODE SECTIONS 3275 OR 3369, BUT IS INTENDED TO CONSTITUTE LIQUIDATED DAMAGES TO CITY PURSUANT TO CALIFORNIA CIVIL CODE SECTIONS 1671, 1676 AND 1677. CITY HEREBY WAIVES THE PROVISIONS OF CALIFORNIA CIVIL CODE SECTION 3389. CITY AGREES THAT THESE LIQUIDATED DAMAGES SHALL BE IN LIEU OF ANY OTHER MONETARY RELIEF OR OTHER REMEDY FOR DELAY, INCLUDING, WITHOUT LIMITATION, SPECIFIC PERFORMANCE, TO WHICH CITY MIGHT OTHERWISE BE ENTITLED UNDER THIS AGREEMENT, AT LAW OR IN EQUITY, AND SHALL BE CITY's SOLE AND EXCLUSIVE RIGHT AND REMEDY, EXCEPT THAT CITY MAY TERMINATE THE AGREEMENT.

CITY _____ CONTRACTOR _____

Exhibit "C"

Attachment 2

INSURANCE REQUIREMENTS

1. CONTRACTOR Insurance. CONTRACTOR, at its sole cost and expense, for the full term of this Agreement (and any extensions thereof), shall obtain and maintain at a minimum compliance with all of the following insurance coverage(s) and requirements. Such insurance coverage shall be primary coverage as respects CITY and any insurance or self-insurance maintained by CITY shall be in excess of CONTRACTOR's insurance coverage and shall not contribute to it.

2. Subcontractor(s') Insurance. If CONTRACTOR utilizes one or more subcontractors in the performance of this Agreement, CONTRACTOR shall obtain and maintain independent insurance as to each subcontractor or otherwise provide evidence of insurance coverage for each subcontractor equivalent to that required of CONTRACTOR in this Agreement.

3. Types of Insurance and Minimum Limits. The following types of insurance and minimum limits are required providing at least the following minimum coverage and limits of liability:

   a. Worker's Compensation written in accordance with the laws of the State of California providing coverage for any and all employees of CONTRACTOR in the minimum statutorily required coverage amounts;

   b. Automobile Liability Insurance for each of CONTRACTOR's vehicles used in the performance of this Agreement, including owned, non-owned (e.g. owned by CONTRACTOR's employees or contractors), leased or hired vehicles, in the minimum amount of $1,000,000 combined single limit per occurrence for bodily injury and property damage. This insurance coverage shall not be required if vehicle used by CONTRACTOR is not a material part of performance of this Agreement.

   c. Comprehensive or Commercial General Liability Insurance coverage in the minimum amount of
   $1,000,000 combined single limit, including coverage for:

      (1) bodily injury;
      (2) personal injury;
      (3) broad form property damage;
      (4) contractual liability;
      (5) cross-liability;
      (6) products and completed operations liability

4. Other Insurance Provisions.
   If any insurance coverage required in this Agreement is provided on a "Claims Made" rather than "Occurrence" form, CONTRACTOR agrees to maintain the required coverage for a period of three (3) years after the expiration of this Agreement (hereinafter "post agreement coverage") and any extensions thereof. CONTRACTOR may maintain the required post agreement coverage by renewal or purchase of prior acts or tail coverage. This provision is contingent upon post agreement coverage being both available and reasonably affordable in relation to the coverage provided during the term of this Agreement. For purposes of interpreting this requirement, a cost not exceeding 100% of the last annual policy premium during the term of this Agreement in order to purchase prior acts or tail coverage for post agreement coverage shall be deemed to be reasonable.

5. Endorsements.
   All required Automobile and Comprehensive or Commercial General Liability Insurance shall be endorsed to contain the following clauses:

a. The City of Tulare, its officers, agents, employees, representatives, and volunteers are added as additional insureds as respects operations and activities of, or on behalf of the named insured, performed under contract with the City of Tulare.

b. It is agreed that any insurance maintained by the City of Tulare shall apply in excess of and not contribute with insurance provided by this policy.

c. This insurance shall not be canceled, limited in scope or coverage, or non-renewed until after thirty (30) days prior written notice has been given to the City Clerk, City of Tulare, 411 E. Kern Ave., Tulare, CA, 93274

6. Proof of Coverage.
CONTRACTOR agrees to provide its insurance broker(s) with a full copy of these insurance provisions and provide CITY on or before the effective date of this Agreement with Certificate(s) of Insurance for all required coverages. Copies of all the required Endorsements shall be attached to the Certificate(s) of Insurance or other evidence of insurance acceptable to the City of Tulare, which shall be provided by CONTRACTOR's insurance company as evidence of the stipulated coverages. This Proof of Coverage shall then be mailed to the City of Tulare at the following address:

City of Tulare
411 E. Kern Ave.
Tulare, CA 93274
Attn: City Clerk