

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

May 4, 2017

A special budget workshop of the Board of Public Utilities Commissioners, City of Tulare, was held on Thursday, May 4, 2017, at 2:00 p.m., in the Tulare Public Library & Council Chambers.

BOARD MEMBERS PRESENT: James Pennington, Howard Stroman, Gregory Blevins, Thomas Griesbach, Erica Cubas

STAFF PRESENT: Joe Carlini, Trisha Whitfield, Darlene Thompson, Nick Bartsch, Jan Bowen, Frank Rodriguez, Benjamin Siegel, Tim Doyle, Jason Bowling, Bobby Dykes, Janice Avila, Steve Bonville, Melissa Hermann, Roxanne Yoder

2:00 p.m.

I. CALL TO ORDER BUDGET WORKSHOP:

President Pennington called the budget workshop to order at 2:01 p.m.

II. CITIZEN COMMENTS – 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.

There were no citizen comments.

III. BUDGET WORKSHOP:

(a) Receive, discuss and direct staff regarding the proposed 2017/18 operating and position control budget and 2017/22 Capital Improvements Projects Budget and set the public hearing to adopt said budgets:

- **Budget Process**
- **Structural Changes**
- **Overview of Funds**
 - **Water Fund**
 - **Wastewater and Sewer Fund**
 - **Solid Waste Fund**
- **Position Control Budget**
- **Projects Budget**

Interim Public Works Director Jason Bowling presented an overview of the Enterprise Funds budgets. Human Resources Director Janice Avila presented the Position Control Budget proposed changes. Senior Project Manager Nick Bartsch provided an

update on the status of the proposed Projects Budget and solicited questions or comments from the Board.

Following the presentation of the budget and discussion amongst staff and the Board, it was moved by Board Member Blevins, seconded by Board Member Griesbach, and unanimously carried 5 to 0 to set the public hearing to adopt the 2017/18 utility operating and position control budget and 2017-2022 Projects Budget for June 1, 2017.

IV. ADJOURN BUDGET WORKSHOP:

President Pennington adjourned the budget workshop at 2:52.

A regular meeting of the Board of Public Utilities Commissioners, City of Tulare, was held on Thursday, May 4, 2017, at 3:00 p.m., in the Tulare Public Library & Council Chambers.

BOARD MEMBERS PRESENT: James Pennington, Howard Stroman, Gregory Blevins, Thomas Griesbach, Erica Cubas

STAFF PRESENT: Joe Carlini, Trisha Whitfield, Darlene Thompson, Nick Bartsch, Jan Bowen, Frank Rodriguez, Benjamin Siegel, Tim Doyle, Jason Bowling, Bobby Dykes, Steve Bonville, Melissa Hermann, Roxanne Yoder

V. CALL TO ORDER REGULAR MEETING:

President Pennington called the regular meeting to order at 3:05 p.m.

VI. PLEDGE OF ALLEGIANCE:

Board Member Blevins led the Pledge of Allegiance and an invocation was given by Vice President Stroman.

VII. CITIZEN'S REQUEST OR COMMENTS:

President Pennington advised that comments from the public are for items within the jurisdiction of the Board. Speakers will be allowed three minutes.

There were no citizen comments presented.

VIII. COMMUNICATIONS:

There were no items for this section on the agenda.

IX. ADJOURN TO CLOSED SESSION PURSUANT TO GOVERNMENT CODE SECTION(S):

President Pennington adjourned to closed session at 3:15 p.m. and noted the item(s) for closed session.

- (a) 54956.9(e)(2) Conference with Legal Counsel – Anticipated Litigation (1)
Facts and circumstances related to recent request(s) by Colony Energy relating to its lease of property adjacent to the City's Waste Water Treatment Plant (APN 174-040-006-000) as well as any additional requests it may make in its appearance before the BPU; and Colony Energy's position/role with respect to an RFP regarding Utilization of Biomethane and/or providing low cost electricity dated March 26, 2015; and the PPA negotiations that followed, and any requests Colony Energy may make in its appearance before the BPU, relating thereto.

X. RECONVENE CLOSED SESSION

President Pennington reconvened from closed session at 3:58 p.m.

XI. CLOSED SESSION REPORT (if any):

President Pennington advised there were no reportable items.

XII. CONSENT CALENDAR:

It was moved by Board Member Griesbach, seconded by Board Member Cubas, and unanimously carried that the items on the Consent Calendar be approved as presented with the exception of item 3.

- (1) Approve minutes of April 20, 2017 regular/special meeting(s).**
- (2) Receive, review and file the monthly investment report for March 2017.**
- (3) Accept Public Works Project Dashboard for April 2017.** Board Member Stroman pulled this item to inquire about the status of the bids on the splitter box project. Operations Manager Josh Rogers responded thereto. Following discussion, it was moved by Vice President Stroman, seconded by Board Member Cubas, and unanimously carried 5 to 0 to accept the item as presented.

XIII. GENERAL BUSINESS:

Comments related to General Business Items are limited to three minutes per speaker for a maximum of 30 minutes per item unless otherwise extended by the Board.

- (1) Consideration of a request for a second extension of 12 additional months for a total of 36 months of the Entitlement Period for a ground lease between Colony Energy Partners–Tulare, LLC and the City of Tulare entered into on May 11, 2015.** President Pennington presented this item.

Board Member Blevins noted there is an error on the transmittal in regard to the loss of lease revenue amount, stating the correct amount would be \$53,004, not \$53,400.

Kent Hawkins of Colony Energy Partners, LLC addressed the Board expressing a desire to extend the "Entitlement Period" of the lease at the reduced rate. Matt Schmidt of Colony Energy Partners, LLC provided additional information to address questions raised by the Board. Following a lengthy discussion, it was moved by Board Member Blevins to agree to a 30 day extension at the reduced rate, seconded by Vice President Stroman, and unanimously carried 5 to 0.

It was recommended by the City Attorney, Heather Phillips, to bring forward issues regarding this matter to Closed Session at a future meeting. President Pennington directed staff to place this topic on the next BPU agenda for Closed Session and General Business. Board Member Blevins requested to receive documentation regarding the City and Colony Energy history.

- (2) **Discussion regarding the adoption of Resolution 17-02 fixing the time for holding the regular meetings of the Board of Public Utilities and rescinding all resolutions or parts of resolutions in conflict therewith.** President Pennington opened up the item for discussion amongst the members of the Board. Following discussion, it was moved by Vice President Stroman to change the meeting time for the BPU to 7:00 p.m., seconded by Board Member Blevins, and unanimously carried 5 to 0 to adopt Resolution 17-02 as requested.
- (3) **Appoint one representative and one alternate to the Kaweah River Basin Integrated Regional Water Management Group Governing Board and Stake Holder Advisory Group.** Management Analyst Ben Siegel provided a report for the Board's review and consideration. Following discussion, it was the consensus of the Board to move this item to the next regular meeting of the BPU.
- (4) **Authorize the City Manager or designee to sign a contract with Cannon of Bakersfield, CA in the amount of \$120,079 for preliminary and final design, bidding and construction support services for the construction of a well at Cartmill and Mooney Blvd. subject only to minor conforming or clarifying changes acceptable to the City Attorney; approve the attached project sheet; and authorize the City Manager or designee to approve contract change orders in the amount not to exceed 10% (\$12,007.90) of the contract amount.** Project Manager Trisha Whitfield provided a report for the Board's review and consideration. Following discussion, it was moved by President Pennington, seconded by Board Members Blevins, and unanimously carried 5 to 0 to accept the item as presented.
- (5) **Award a contract for drilling and development of a well at 1258 N. J Street to Arthur & Orum Well Drilling, Inc. of Fresno, CA in the amount of \$288,310.00, and authorize the City Manager to approve contract change**

orders in an amount not to exceed 10% (\$28,831.00) 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 Vice President Stroman, seconded by Board Member Cubas, and unanimously carried 5 to 0 to accept the item as presented.

- (6) Approve scope changes to project WT0020 Well Rehabilitation Projects; award and authorize the City Manager to execute an amendment to the contract for the Well #44 Improvement project to Valley Pump & Dairy Systems of Tulare, California in the amount of \$51,683.00; and authorize the City Manager, or designee, to approve contract change orders in amounts up to 10% (\$5,168.30) of the contract award.** Project Manager Trisha Whitfield provided a report for the Board's review and consideration. Following discussion, it was moved by Vice President Stroman, seconded by Board Member Cubas, and unanimously carried 5 to 0 to accept the item as presented.

XIV. 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.

XV. ADJOURN REGULAR MEETING:

President Pennington adjourned the regular meeting at 5:08 p.m.

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

ATTEST:

Secretary of the Board of
Public Utilities Commissioners

AGENDA ITEM: Consent 2

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

Submitting Department: Fleet Maintenance Division

For Board Meeting of: May 18, 2017

Documents Attached: Ordinance Resolution Staff Report Other None

AGENDA ITEM:

Award Bid 17-615 to Visalia Ford in the amount of \$23,228.69 for the purchase of one (1) Regular Cab One Half (1/2) Ton Long Bed Truck.

IS PUBLIC HEARING REQUIRED: Yes No

BACKGROUND/EXPLANATION:

For the 2016/2017 budget year, the Wastewater Department requested and was approved the purchase of a replacement vehicle.

Bid 17-615 was sent out to vendors soliciting bids for one (1) Regular Cab One Half (1/2) Ton Long Bed Truck. Vendors that submitted bids were Visalia Ford of Visalia with \$23,228.69 and Will Tiesiera Ford of Tulare with \$24,442.94. Visalia Ford was the lowest bid at \$23,228.69.

The City's Purchasing Policy (Section 1, Page 3, C-4) states that "All orders/contracts shall be awarded on the basis of quality, delivery, service, price, and vendor/contractor qualifications. When these factors are equal, up to a five percent (5%) preference will be given to local vendors."

Based on the purchasing policy, Visalia Ford was the lowest bid, complied with bid specifications and is under the 5% preference given to local vendors.

STAFF RECOMMENDATION:

Award Bid 17-615 to Visalia Ford in the amount of \$23,228.69 for the purchase of one (1) Regular Cab One Half (1/2) Ton Long Bed Truck.

CITY ATTORNEY REVIEW/COMMENTS: Yes No N/A

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

Submitted by: Steve Bonville

Title: General Services Director

Date: 05/02/2017

City Manager Approval: _____

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

Submitting Department: City Manager's Office

For Board Meeting of: May 18, 2017

Documents Attached: Ordinance Resolution Staff Report Other None

AGENDA ITEM:

Receive the proposed Utility funds fiscal year 2017/18 operating and position control budget and the fiscal years 2017-2022 projects budget for Board review and study prior to budget adoption on June 1, 2017.

IS PUBLIC HEARING REQUIRED: Yes No

BACKGROUND/EXPLANATION:

Attached are the proposed Utility funds fiscal year 2017/18 operating and position control budgets, and the fiscal years 2017-2022 projects budget. Staff proposes that each be considered for adoption by separate resolution at a public hearing to be held on June 1, 2017. Each proposed budget has sub-components proposed for adoption that need to be considered by the Board, as described below.

Operating Budget (including the Position Control Budget (PCB))

The proposed utility funds operating budget is comprised of the following:

1. City Manager's overview memo;
2. All Utility funds (Water, Sewer, and Solid Waste) total estimated revenues and total appropriations;
3. The Position Control Budget.

Projects Budget

The City Council and BPU adopted the Tulare Project Management System (TPMS) Program Policy and the Transportation System Planning Policy to aid the City in project management. Pursuant to the TPMS policy, the Utility Projects Budget for FY 2017-2022 is being submitted to the Board as part of the biennial budget process for review and to set a public hearing.

Included within the Utility Project Budget is the City's Capital Improvement Plan (CIP) budget. The CIP only includes projects that involve "capital assets" as defined under generally accepted accounting principles (GAAP). "Projects" may include studies, large expenditure maintenance of capital assets (such as streets, utility assets, etc...), and other discrete efforts, but CIP projects are projects that will create assets that must be capitalized under GAAP. The CIP budget component appropriates development impact fees as required by Government Code section 66007(b)(1). No change to existing City processes or procedures with regard to Mitigation Fee Act (Government Code sections 66000 et seq.) compliance are made by this policy or program.

Attached for review is the complete Utility Projects Budget comprised of the following:

1. City Manager's memo;
2. Funding Source Summary Report;
3. Project Expense/Funding by Division Report;
4. Individual project sheets.

Next Step

Three resolutions will be included on the agenda for June 1, 2017 to be considered at a single public hearing for adoption; one each for the operating budget, the PCB, and the projects budget. Adoption of the operating and projects budget will include all sub-budget components included within the scope of each budget as described above. Additionally, the resolutions will propose guidelines for staff to use in administering the budget during the budgetary period.

STAFF RECOMMENDATION:

Receive the proposed Utility funds fiscal year 2017/18 operating and position control budget and the fiscal years 2017-2022 projects budget for Board review and study prior to budget adoption on June 1, 2017.

CITY ATTORNEY REVIEW/COMMENTS: Yes N/A

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

FUNDING SOURCE/ACCOUNT NUMBER:

Submitted by: Joseph V. Carlini

Title: Interim City Manager

Date: May 10, 2017

City Manager Approval: _____



May 18, 2017

**HONORABLE MAYOR AND MEMBERS OF THE CITY COUNCIL
HONORABLE PRESIDENT AND MEMBERS OF THE BOARD OF PUBLIC UTILITIES**

I am pleased to submit for your consideration the budget for fiscal year 2017/18. The combined budget for all City funds totals \$135,115,510 (not including operating transfers). This amount includes a General Fund operating budget (including the Position Control Budget) of \$38,844,030 (not including operating transfers), Enterprise Funds budget of \$49,021,750 (not including operating transfers), and a five-year Projects Budget (including the Capital Improvement Program (CIP)) of \$28,321,470 (total for the 5 years is \$140,450,714). The General Fund presented in this document is balanced by using most of the unrestricted reserves and includes funding for programs supported by the City Council.

The financial outlook for the City is somewhat strained in comparison with recent years. The revenue growth is outpaced by the increase in operating costs. One major concern in the coming years is the growing cost of CalPERS. The current discount rate for the City is 7.50% which will be reduced to 7% over the next three years. With the decrease in the discount rate, the City's share over the next six years will be approximately \$5,560,000. City staff continues to discuss and make adjustments to account for the increase in costs. Staff has been diligent in researching all areas where the City is able to maximize limited resources while still providing exceptional service.

Economic development has been a major focus for this fiscal year. Staff proposed and the Council approved a reorganization within the Community Development Department, splitting it into two separate departments: the Community Services Department and Economic and Community Development Department. The creation of the Economic and Community Development Department will focus on providing for the economic development and orderly growth of the City. With the economy showing signs of renewal, it is imperative to improve the City's responsiveness to the development community.

With the focus on economic development, the Capital Improvement Program (CIP) includes projects that will attribute to the success of development within the City. This includes improving our water system by repairing, replacing and installing elements to meet the current and future water demand. Other aspects of the CIP include pavement management which improves city streets, replacement of public safety equipment, park rehabilitation, and other projects that focus on maintaining current infrastructures.

A few key aspects of the budget include:

APPROPRIATIONS (SPENDING)

- General Fund debt payments are 6.42% of non-debt appropriations which is within the Council's maximum threshold of 7.0%.
- The City will continue the more aggressive budgeting model by including a \$486,000 credit against budgeted costs for vacancies and will allow early filling of expected vacancies due to resignation or retirement.
- Staff continues to anticipate economic growth and conditions.
- The City has continued to benefit from a persistent low-inflation environment.

ESTIMATED REVENUES

- Property tax revenue projections reflecting the growth trajectory experienced by the City.
- Sales taxes are budgeted using the projections supplied by the City's sales tax consulting firm without consideration of any potential future economic slowdown.
- Utilities Users Tax revenues are projected at current levels to recognize the negative impact being demonstrated by increasing solar units which reduces electricity usage.
- All other major General Fund taxes are projected to average a 2% growth rate.
- There are no significant new revenue sources, but the City fee schedules will be evaluated.

PERSONNEL CONTROL BUDGET

The proposed Personnel Control Budget (PCB) sets the authorized positions for the City, re-affirms positional salary ranges, and estimates required appropriations for salaries and benefits. Council and BPU will be asked to adopt the proposed PCB's for their respective areas of responsibility, but Council adopts the city-wide salary ranges. The proposed PCB is presented with its own resolution in order to maintain compliance with CalPERS. The PCB, if adopted, proposes an annual increase of \$75,245 to the General Fund and \$144,344 to the Enterprise Funds.

One new position is being proposed for the governmental funds: a Landscape Maintenance Technician.

The other significant proposed changes for the governmental funds reflect several reallocations due to duties currently performed. Those changes are as follows:

- Internal promotion in the Street Maintenance Division for one person to promote to Street Maintenance Crew Leader.
- Cost/Budget Accountant currently at 4/5 time; will move to full time and upgrade the position to Senior Management Analyst to provide management support to the Finance Director.
- Utility/Purchasing/Revenue Officer reallocated to Senior Management Analyst; an upgrade to the position is needed to provide higher level management support to the Finance Director and Purchasing division.
- Kennel Technician to a Veterinary Technician; a classification study was conducted and recommends that the position be reclassified

With regard to the Water, Sewer and Solid Waste utility enterprise funds, the following PCB changes are proposed in addition to those indicated above (will affect salary range):

- Solid Waste Maintenance Worker – new position
- Water Conservation Officer – new position
- Internal promotion in Solid Waste Division for one person to promote to a Solid Waste Maintenance Crew Leader

EQUIPMENT REPLACEMENT PROGRAM

Departments are charged each year to accumulate money to replace mission-critical equipment. The Equipment Replacement program collects funds to replace assets as needed. Temporary loans are permitted among categories by policy, but ultimately all money collected for a particular category of equipment is used for that equipment's replacement.

Equipment in this program include the following: audio/visual, computers, ERP system, Fire equipment, generators, network equipment, other software and equipment, phones, radios, security cameras, servers, sewer equipment, and water meters. The proposed replacement recovery charges are shown below by the category for which the charges are assessed throughout the departments. To the extent that purchases are made according to plan and there are appropriations available, only purchases requiring Council action per the Purchasing Policy must be placed on agendas.

Category	Reserve 7/1/2016	2016-17 Revenue	2016-17 Expenditures	Estimated Reserve 6/30/17	2017-18 Revenue	2017-18 Expenditures	Estimated Reserve 6/30/18
Audio Visual	19,150	19,000		38,150	19,000	(35,000)	22,150
City Computers	38,090	37,960		76,050	48,620	(25,000)	99,670
ERP	31,170	30,940		62,110	38,670		100,780
Generators	23,180	23,000		46,180	23,000		69,180
Network Equipment	(53,610)	33,190	(36,500)	(56,920)	40,500	(40,000)	(56,420)
Other Software	40,310	40,000		80,310	45,000		125,310
Phones	10,890	10,830		21,720	10,820		32,540
Police Computers	5,130	37,680	(35,130)	7,680	42,490		50,170
Radios - Fire	7,660	17,570	(24,250)	980	19,340		20,320
Radios - Parks	1,570	1,560		3,130	22,130		25,260
Radios - Police	(74,800)	21,300	(34,500)	(88,000)	21,300	(150,000)	(216,700)
Security Cameras	11,390	11,300		22,690	17,000		39,690
Servers	20,680	18,950	(10,000)	29,630	24,660		54,290
Water Meters	440,780	485,950		926,730	437,350		1,364,080
Other Equipment		1,610		1,610	1,610		3,220
Police Equipment		16,880		16,880	16,880		33,760
Fire Equipment		102,000	(102,000)	-	102,000	(102,000)	-
Sewer Equipment		11,430		11,430	11,430		22,860
Total	521,590	921,150	(242,380)	1,200,360	941,800	(352,000)	1,790,160

FLEET REPLACEMENT PROGRAM

Fleet Maintenance maintains a continuous count and inventory of all vehicles and equipment in the City's fleet pool. There are presently 421 pieces of equipment and vehicles in the City's fleet. Staff is proposing to replace 34 vehicles and retire 34 vehicles along with expanding the fleet with 2 additional vehicles during fiscal year 2017/18.

The Fleet Control Budget (FCB) continues to collect funds for replacement costs associated with vehicles. The FCB has a three year outlook at the staff level. This outlook includes all proposed expenditures and revenues in order to properly plan for replacements for the vehicles nearing the end of their useful life.

Fleet Reserve Funds	Estimated Reserve 6/30/2017	Projected 2017/2018 Expenditures	Projected Insurance Premium	Projected 2017/2018 Revenue	Estimated Reserve 6/30/2018
General Fund	877,264	135,000	5,485	5,485	742,264
Police	413,694	580,000	13,269	183,269	3,694
Fire	394,314	90,000	15,113	15,113	304,314
Fire Apparatus	-	-	-	250,000	250,000
Development Services	151,883	-	425	36,600	188,057
Water	415,836	110,000	1,794	73,200	377,241
Solid Waste	2,679,041	995,000	29,429	1,032,184	2,686,796
Wastewater/Sewer	465,627	180,000	4,484	175,800	456,943
General Fund	1,685,272	805,000	33,867	453,867	1,300,272
Enterprise Funds	3,712,386	1,285,000	36,133	1,317,784	3,709,038
Total	5,397,659	2,090,000	70,000	1,771,651	5,009,310

Unit / Department	Fund	Quantity	Amount
Code Enforcement 1008	Police	1	35,000
Replace Patrol	Police	8	400,000
Code Enforcement 0107	Police	1	35,000
Police Motorcycle	Police	4	110,000
Facility Maint F150 0077	General Fund	1	35,000
Parks 0410	General Fund	1	35,000
Parks 0411	General Fund	1	35,000
Streets 0712 1/2 ton	General Fund	1	30,000
Solid Waste F150 0508	Solid Waste	1	40,000
Solid Waste Forklift	Solid Waste	1	40,000
Solid Waste 3/4 ton 3017	Solid Waste	1	40,000
Street Sweeper	Solid Waste	1	300,000
Street Sweeper	Solid Waste	1	300,000
Front Loader / Roll Off	Solid Waste	1	275,000
Water 0622 (1 ton to 3/4)	Water	1	40,000
Finance Ranger 0631	Water	1	30,000
Water 607 (1 ton to 3/4)	Water	1	40,000
Waste Water 0634 (1 ton to 3/4)	Wastewater Sewer	1	40,000
Wastewater 0916	Wastewater Sewer	1	40,000
Wastewater 0712	Wastewater Sewer	1	40,000
Waste Water 0236 (CIP Expansion)	Wastewater Sewer	1	30,000
Wastewater 0904	Wastewater Sewer	1	30,000
Fire Tahoe	Fire	1	45,000
Fire Tahoe	Fire	1	45,000
TOTAL REPLACEMENT		34	\$2,090,000

INTERNAL CHARGES AND ALLOCATIONS

The proposed budget includes internal charges for insurances (liability insurance, workers compensation, and employee benefit (primarily health care) along with traditional administrative overhead (discussed below) services. These charges are allocated across each division on a benefits-received basis. This alternative enhances divisional (and departmental) accountability for the costs incurred by the administrative centers on their behalf. The direct internal charges are accumulated in the respective administrative cost centers. The insurance/benefit funds pay the third parties for services and those costs are allocated among the various divisions.

Internal charges paid to the insurance and benefit funds cover a mix of self-retained insurance costs and premiums paid to third party insurers. The City is part of a joint powers authority specializing in particular types of insurances and benefits, and the internal charges pay for these functions.

In addition to cost-recovery charges, each division pays for its share of the internal services rendered by the administrative divisions. These divisions include City Manager, Finance, Human Resources, Insurance Administration, Facilities Maintenance, and other divisions that directly serve the public. These internal charges are allocated using methods that link the amounts paid by each division to the amount of benefit they receive or the factors that cause the costs to be incurred. This allows for each division budget to reflect the full cost recovery of the administrative functions received. The received Fleet Maintenance costs are allocated based on each service performed on each vehicle.

The proposed budget contains estimates of these cost allocations. Council, in approving the proposed budget, will also be approving such cost allocations and the methodologies used to fairly spread the costs throughout the departments. These cost allocation methods and the bases for the allocations are reflected in the cost allocation model maintained by Finance and are available for review.

Staff continually refines the cost-allocation models. These models support recoverable cost rate studies and help management with regard to prioritization decisions for all functions including purely tax supported functions. Such cost finding and research is also helpful in identifying operating areas that might be improved and is useful in measuring organizational performance (relating program inputs to their outputs measures efficiencies).

PROJECTS (WITH CAPITAL IMPROVEMENT PLAN – CIP) BUDGET

The Projects Budget is a tool to match resources to the list of City goals and will typically involve efforts expected to last more than one year or one time projects that need managing or ongoing allocations for capital maintenance. To develop the Projects Budget, City staff determined the total resources available to fund the projects. Staff from all departments submitted project request forms for consideration by the Tulare Success Team (TST) which is made up of senior

management staff. The Tulare Project Management System (TPMS) selection criteria was then applied during the selection process and resources were checked to confirm availability.

Fiscal Year 2017/18 is the beginning of the next two-year Projects Budget cycle. This cycle includes approximately 150 projects which consist of projects dedicated to continue improvements on deteriorating infrastructures, replacing public safety equipment, addressing water capacity issues along with many others. The projects that have been approved by TST are projects that continue to improve the City of Tulare, making it the most desirable area to live, worship and play.

The high level summary of the expenses and funding sources for the entire City Projects Budget is as follows:

Departments	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	Grand Total
Admin	\$1,255,000	\$2,349,200	\$1,695,000	\$240,000	\$240,000	\$5,779,200
Information Technology	\$177,000	\$154,000	\$97,000	\$87,000	\$60,000	\$575,000
Parks, Library & Recreation	\$40,000	\$416,450	\$158,550	\$260,000	\$270,000	\$1,145,000
Public Safety	\$548,031	\$320,281	\$300,381	\$280,481	\$270,481	\$1,719,655
Surface Water	\$975,000	\$485,000	\$250,000	\$350,000	\$250,000	\$2,310,000
Transportation	\$13,974,589	\$16,904,941	\$17,891,628	\$16,119,628	\$17,400,777	\$82,291,564
Water	\$9,142,350	\$8,760,350	\$6,502,059	\$4,377,536	\$3,675,000	\$32,457,295
Solid Waste	\$40,000				\$175,500	\$215,500
Sewer/Wastewater	\$2,169,500	\$4,015,000	\$4,605,000	\$1,318,500	\$1,849,500	\$13,957,500
Grand Total	\$28,321,470	\$33,405,222	\$31,499,618	\$23,033,145	\$24,191,258	\$140,450,714

Funding Sources	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	Grand Total
009 Transit Fixed Route		\$150,000				\$150,000
010 Water Bonds	\$2,579,535	\$2,988,421	\$2,296,390	\$4,634,321	\$5,590,235	\$18,088,903
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
015 Wastewater Salaries	\$26,500	\$57,500	\$50,000	\$7,500	\$18,500	\$160,000
021 Measure R Local	\$735,085	\$869,331	\$2,795,584	\$1,100,000	\$1,100,000	\$6,600,000
022 GAS TAX	\$3,663,496	\$1,209,411	\$2,787,754	\$2,337,518	\$2,911,714	\$12,909,892
260 DIF Water Supply FAC		\$8,600	\$2,008,600			\$2,017,200

601 Other General Fund CIP	\$532,600	\$587,200	\$544,650	\$550,000	\$550,000	\$2,764,450
603 Technology Fund	\$137,000	\$74,000	\$65,000	\$40,000	\$60,000	\$376,000
610 Water CIP Fund	\$4,258,000	\$3,573,500	\$1,364,291	\$725,000	\$675,000	\$10,595,791
612 Solid Waste CIP	\$564,750	\$500,000	\$522,750		\$170,500	\$1,758,000
615 SEWER/WASTEWATER CIP	\$3,652,942	\$7,783,596	\$9,362,500	\$6,779,429	\$7,020,059	\$34,598,526
623 Equipment Replacement Fund	\$930,281	\$926,831	\$668,749	\$733,017	\$230,481	\$3,489,359
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	\$2,482,994	\$1,610,905	\$1,461,505	\$1,359,591	\$1,240,000	\$8,154,995
ST0007-0001-0601 (Gas Tax)	\$50,000					\$50,000
077 CDBG	\$390,000					\$390,000
021 Measure R OWP	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$175,000
605 FAA ACIP Grant		\$585,000	\$126,000			\$711,000
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
605 State Caltrans Grant		\$29,250	\$6,300			\$35,550
610 State of CA SRF Grant		\$2,000,000				\$2,000,000
690 Parks DIF Fund		\$75,000				\$75,000
077 Redevelopment CDBG	\$390,000	\$390,000	\$390,000	\$390,000	\$390,000	\$1,950,000
230 DIF LOCAL STREETS AND TRAFFIC SIGNALS	\$1,766,520	\$75,000	\$75,000			\$1,916,520
301 DIF - STORM DRAIN FAC	\$11,408	\$68,370	\$68,370			\$148,148
894 Solid Waste Salaries					\$5,000	\$5,000
250 DIF - STS/Medians/Landscaping	\$125,280	\$125,280				\$250,560
290 DIF - Sewage & Wastewater Facility	\$19,500	\$19,500				\$39,000
643 LTF		\$1,800,000				\$1,800,000
TBD - Cartmill Sewer/Wastewater Benefit District	\$96,893	\$580,644	\$580,644			\$1,258,181

TBD - Cartmill Water - Benefit District	\$82,217	\$491,038	\$491,038			\$1,064,293
001 Measure I	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000
Grand Total	\$28,321,470	\$33,405,222	\$31,499,618	\$23,033,145	\$24,191,258	\$140,450,713

NEXT STEPS TO BUDGET ADOPTION

The City Council and Board of Public Utilities has already given comprehensive direction to City staff with regard to structuring the proposed budgets. The proposed schedule to conclude the budgets adoption process is as follows:

- May 18, 2017 – Present proposed utility enterprise budgets to the BPU;
- June 1, 2017 – Proposed public hearing date for BPU to adopt utility enterprise budgets;
- June 6, 2017 – Present proposed governmental budgets to City Council;
- June 20, 2017 – Proposed public hearing date for Council to adopt governmental budgets and to receive utility enterprise budgets.

If additional information is necessary following the May 16, 2017 budget workshop, it may be advantageous to hold an additional budget workshop prior to the City Council meeting on June 20, 2017. Staff requests direction with regard to setting such a workshop following the May 16, 2017 meeting.

Council and BPU will once again be asked to adopt budget resolutions this year at their respective noticed public hearings. Those resolutions will include: operating budgets, project budgets, personnel control budgets (PCB), fleet control budgets, reserve balances, and approval of internal charging and cost allocation plans. Lastly, the PCB will include all authorized positions and salary ranges.

CONCLUSION

California cities, including the City of Tulare, continue to be confronted with many financial, service level demands, regulatory impositions, and special interest demands. I believe that only those cities with the deepest quality populations and leaders will survive and thrive facing these difficulties. Part of leadership’s role is to assess new realities and communicate a direction to be followed. Then the tasks become more mechanical (though still requiring daily creativity) such as: implementing the plans, providing needed resources and managing assets (both human and financial), continuing to communicate to avoid unnecessary resistance, and to continually improve the approach.

Along with continuous improvement, teamwork is essential for the wellbeing of the City. When there is a lack of cohesion within a group, the goals set can never be accomplished. Staff strives to work closely with Council to bring to life the

vision of the citizens, growing and strengthening the community to build a City that will withstand any turbulence in the future. When there is division, growth is unobtainable. We must continue our efforts in working together for the betterment of the City as a whole, involving every member of the community. We can be encouraged that Tulare citizens are very passionate about their home and will continue to provide staff and Council with their vision of a flourishing city that is desirable to not only live in but to visit.

Respectfully submitted,



Joseph V. Carlini, Interim City Manager

RESOLUTION 17-____

A RESOLUTION OF THE BOARD OF PUBLIC UTILITIES OF THE CITY OF TULARE ADOPTING THE 2017/2018 FISCAL YEAR MUNICIPAL UTILITY BUDGET AND ALL SECTIONS THEREIN

WHEREAS, the City Manager has prepared a municipal utility budget for the fiscal year ending June 30, 2018, which includes budgets for the City's Water, Sewer/Wastewater and Solid Waste Enterprise Funds ("Proposed Budget"), a copy of which is on file in the Office of the City Clerk; and,

WHEREAS, the Board of Public Utilities has examined the Proposed Budget, has conferred with the City Manager and appropriate staff in public sessions, and has deliberated and considered the Proposed Budget during public hearings.

NOW THEREFORE, THE BOARD OF PUBLIC UTILITIES OF THE CITY OF TULARE HEREBY RESOLVES AS FOLLOWS:

SECTION 1. The City Manager is hereby directed to prepare the final budget, in substantial conformance with the Proposed Budget, and as directed by the Board of Public Utilities, for the Fiscal Year July 1, 2017 through June 30, 2018. The final budget shall be the "City of Tulare, Fiscal Year 2017/2018 Adopted Municipal Utility Budget," and includes all sub-component budgets and assumptions. The final budget may be referred to as "the Budget," and a copy of the Budget shall be filed in the Office of the City Clerk. The Budget is hereby adopted and approved.

SECTION 2. The City Manager is hereby authorized to implement the Budget as set forth in this resolution. The City Manager may delegate the authority to implement this resolution to the Finance Director, or other designated City employees.

SECTION 3. The City Manager is authorized to transfer appropriations as needed from savings available in any account in the Budget to any other accounts within the same fund to meet overall Budget requirements.

SECTION 4. The City Manager is authorized to transfer among the various funds the sums appropriated in the Proposed Budget with the descriptive designations of either "Transfers" or "Operating Transfers," in such increments and at such intervals determined by the City Manager.

SECTION 5. The City Manager is authorized to increase appropriations for fiscal year 2017/18 expenditures in an amount not to exceed the amount of funds encumbered, but not yet expended, from Fiscal Year 2016/17. The actual amount of the increased appropriations due to encumbrances will be reported to the Board of Public Utilities, as part of the Fiscal Year 2017/18 year-end financial report.

SECTION 6. When revenue estimates exceed the amount identified in the Budget due to increases in grant revenues as verified by the Finance Director, the City Manager is authorized to increase appropriations for Fiscal Year 2017/18 expenditures in an amount not to exceed the amount of increased revenues. Approval of increased appropriations shall be made in writing by the City Manager, filed with the Finance Director, and reported to the Board of Public Utilities as part of the Fiscal Year 2017/18 year-end financial report.

SECTION 7. The City Manager is instructed to use restricted funding sources in accordance with the requirements of the funding sources prior to using funds with unrestricted resources in order to allow the City the greatest flexibility in meeting its financial obligations.

SECTION 8. The City Manager is authorized to approve, in accordance with the City's adopted Purchasing Policy, purchases of items identified in the Fleet Control Budget and Equipment Replacement Budget (which are approved component budgets of the Proposed Budget) in accord with those budget's appropriations.

SECTION 9. The City Manager is instructed to cause all transfers into reserves specified in the Budget Document transmittal report to occur and to hold and administer said reserves in accordance with Board policies. The City Manager, or any person to whom such responsibility is delegated by the City Manager, to administer the contributions into revolving funds for Project Budgets, Equipment Replacement, and Fleet Replacement in accordance with Board policies and best practices. Activities occurring in these reserves will be reported to the City Council as part of the Fiscal Year 2017/18 year-end financial report.

SECTION 10. The City Council approved City of Tulare Administrative Policy No. 13-02 (Budget Policies & Practices) on June 4, 2013, this policy and all subsequent amendments are incorporated herein by reference. The City Manager is instructed to update said policies from time to time for Board of Public Utility review.

SECTION 11. The City Manager is instructed to implement all policies contained in the "Policies" section of the Budget, taking the best interests of the City into account with regard to particular circumstances.

SECTION 12. This resolution shall take effect immediately upon its adoption.

SECTION 13. The Assignments of fund balance included in the adopted budget, which were made by the Finance Director, are approved.

BE IT FURTHER RESOLVED BY THE BOARD OF PUBLIC UTILITIES OF THE CITY OF TULARE, AS FOLLOWS, TO WIT:

SECTION 14. The Board of Public Utilities of the City of Tulare approves and adopts the 2017/2018 Fiscal Year Budget Document and all sections and components

therein. The total City Funds expenditure budget of \$49,021,750 is summarized by the following funds and functions:

**CITY OF TULARE
PROPOSED MUNICIPAL UTILITY (APPROPRIATIONS) BUDGET
FISCAL YEAR 2017/2018**

MUNICIPAL UTILITY BUDGET (Amounts are Approximate):

I. <u>WATER FUND</u>	
Administration Division	\$ 2,110,290
Distribution Division	2,683,830
Extraction Division	2,136,650
Treatment Division	355,520
Groundwater Division	980,140
TOTAL WATER FUND	<u>\$ 8,266,430</u>
II. <u>SEWER/WASTEWATER FUND</u>	
Sanitary Sewer Division	\$ 4,242,980
Domestic Wastewater Division	8,992,320
Industrial Wastewater Division	17,449,670
Pretreatment Division	145,520
Energy Plant Division	1,700,860
TOTAL SEWER/WASTEWATER FUND	<u>\$ 32,531,970</u>
III. <u>SOLID WASTE FUND</u>	
Residential Division	\$ 4,551,730
Commercial Division	2,213,620
Street Sweeping Division	722,790
Roll-off	735,830
TOTAL SOLID WASTE FUND	<u>\$ 8,223,970</u>
GRAND TOTAL – ALL UTILITY ENTERPRISE FUNDS	<u>\$ 49,021,750</u>

Passed, approved, and adopted this ____ day of June, 2017.

President of the Board
Commissioners of the City of Tulare

ATTEST:

STATE OF CALIFORNIA)
COUNTY OF TULARE) ss.
CITY OF TULARE)

I, Joseph V. Carlini, City Clerk of the City of Tulare, certify the foregoing is the full and true Resolution 17-___ passed and adopted by the Board of Public Utilities of the City of Tulare at a regular meeting held on June 1, 2017, by the following vote:

Aye(s) _____

Noe(s) _____ Absent _____.

Dated:

JOSEPH V CARLINI, CITY CLERK

By Melissa Hermann, Interim Deputy City Clerk

RESOLUTION 17-___

A RESOLUTION OF THE BOARD OF PUBLIC UTILITIES OF THE CITY OF TULARE ADOPTING THE 2017/18 FISCAL YEAR MUNICIPAL UTILITY POSITION CONTROL BUDGET

WHEREAS, the City's Municipal Utility Position Control Budget sets the authorized positions and salary class (which sets the range) and compensation for the fiscal year; and,

WHEREAS, the City Municipal Utility budgets are adopted by the Board of Public Utilities and filed with the City Council pursuant to the City's charter document so no further action on those budgets is required; and,

WHEREAS, the Board of Public Utilities of the City of Tulare has considered on Thursday, June 1, 2017, the adoption of the 2017/18 Fiscal Year City's Utility Position Control Budget (PCB) and has appropriated all funds necessary to pay salaries as part of adopting the Operating Budget for the utility services it oversees.

NOW, THEREFORE, BE IT RESOLVED, by the Board of Public Utilities of the City of Tulare:

that the PCB is hereby adopted;

that the City Manager is required to bring any additions to the PCB of authorized positions or any changes in any position's salary range to be made during the fiscal year to the Board for further approval;

that the City Manager is authorized to make changes to job descriptions, including without limitation title changes that do not affect the positional role in the PCB or the positional salary range, to make changes to job responsibilities that do not affect the PCB or require approval as part of the collective bargaining process, and to re-allocate funding sources among divisions within the same Municipal Utility fund for any position;

that the City Manager, or his or her designee, is authorized to recruit and fill in anticipation of known upcoming vacancies to minimize periods where there are key unfilled positions even though employee counts temporarily exceed the authorized position count for a particular position; provided, however, that there will be no adjustment to the total divisional appropriations and all such costs must be covered by savings in other line items so that the total division budget remains unchanged.

PASSED, ADOPTED AND APPROVED this ___ day of June 2017.

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

ATTEST:

STATE OF CALIFORNIA)
COUNTY OF TULARE) ss.
CITY OF TULARE)

I, Joseph V. Carlini, City Clerk of the City of Tulare, certify the foregoing is the full and true Resolution 17-___ passed and adopted by the Board of Public Utilities of the City of Tulare at a regular meeting held on June 1, 2017, by the following vote:

Aye(s) _____

Noe(s) _____ Abstention(s) _____.

Dated: JOSEPH V CARLINI, CITY CLERK

By Melissa Hermann, Interim Deputy City Clerk

City of Tulare
Utility Position Control Budget (Allocated Positions) FY 2017-18

<i>Position number</i>	<i>Title</i>	<i>Home Dept</i>	<i>FTE</i>
	WATER FUND - 010		Total 17
MM03E0917-001	WATER & WW COLL UTILITY MGR	010-4610	1.00
NM08N0920-001	WATER TREATMENT TECHNICIAN	010-4610	1.00
NM08N0935-003	WATER UTILITY CREW LEADER	010-4610	1.00
NM05N0920-002	WATER TREATMENT TECHNICIAN	010-4610	1.00
NM0070965-001	WATER UTILITY SUPERVISOR	010-4610	1.00
NM08N0950-001	WATER UTILITY MAINT. WORKER II	010-4610	1.00
NM08N0945-005	WATER UTILITY MAINT. WORKER I	010-4610	1.00
NM08N0500-002	METER READER	010-4610	1.00
NM08N0935-002	WATER UTILITY CREW LEADER	010-4610	1.00
NM08N0950-005	WATER UTILITY MAINT. WORKER II	010-4610	1.00
NM08N0500-001	METER READER	010-4610	1.00
NM08N0945-002	WATER UTILITY MAINT. WORKER I	010-4610	1.00
NM08N0950-002	WATER UTILITY MAINT. WORKER II	010-4610	1.00
NM08N0945-003	WATER UTILITY MAINT. WORKER I	010-4610	1.00
NM08N0945-001	WATER UTILITY MAINT. WORKER I	010-4610	1.00
NM08N0950-003	WATER UTILITY MAINT. WORKER II	010-4610	1.00
	WATER CONSERVATION OFFICER	010-4610	1.00
	SOLID WASTE FUND - 012		Total 34
- Home department : 012-4710 (Count: 20)			
NM03N0790-001	SOLID WASTE SUPERVISOR	012-4710	1.00
NM03N0790-002	SOLID WASTE SUPERVISOR	012-4710	1.00
CP06N0235-004	DEPARTMENT ASSISTANT II	012-4710	1.00
NM08N0780-001	SOLID WASTE OPERATOR	012-4710	1.00
NM08N0780-005	SOLID WASTE OPERATOR	012-4710	1.00
NM08N0781-002	SOLID WASTE MAINTENANCE WKR	012-4710	1.00
NM08N0780-011	SOLID WASTE OPERATOR	012-4710	1.00
CP06N0235-001	DEPARTMENT ASSISTANT II	012-4710	1.00
MM03E0785-002	SOLID WASTE MANAGER	012-4710	1.00
NM08N0780-006	SOLID WASTE OPERATOR	012-4710	1.00
NM08N0780-003	SOLID WASTE OPERATOR	012-4710	1.00
NM08N0780-009	SOLID WASTE OPERATOR	012-4710	1.00
NM08N0780-013	SOLID WASTE OPERATOR	012-4710	1.00
NM08N0780-004	SOLID WASTE OPERATOR	012-4710	1.00
NM08N0780-002	SOLID WASTE OPERATOR	012-4710	1.00
MM01E0650-001	PUBLIC WORKS DIRECTOR	012-4710	1.00
NM08N0780-007	SOLID WASTE OPERATOR	012-4710	1.00
NM08N0780-010	SOLID WASTE OPERATOR	012-4710	1.00
NM08N0781-001	SOLID WASTE MAINTENANCE WKR	012-4710	1.00
NM08N0781-002	SOLID WASTE MAINTENANCE WKR	012-4710	1.00
- Home department : 012-4711 (Count: 9)			
NM07N0776-001	SOLID WASTE MAINT CREW LEADER	012-4711	1.00
NM07N0776-002	SR SOLID WASTE MAINTENANCE WKR	012-4711	1.00
NM08N0765-002	SR. SOLID WASTE OPERATOR	012-4711	1.00

<i>Position number</i>	<i>Title</i>	<i>Home Dept</i>	<i>FTE</i>
NM08N0765-010	SENIOR SOLID WASTE OPERATOR	012-4711	1.00
NM08N0765-001	SENIOR SOLID WASTE OPERATOR	012-4711	1.00
NM08N0765-006	SENIOR SOLID WASTE OPERATOR	012-4711	1.00
NM08N0765-003	SENIOR SOLID WASTE OPERATOR	012-4711	1.00
NM08N0765-005	SENIOR SOLID WASTE OPERATOR	012-4711	1.00
NM07N0776-003	SR SOLID WASTE MAINTENANCE WKR	012-4711	1.00
- Home department : 012-4712 (Count: 3)			
NM08N0782-001	SOLID WASTE OPR/ST SWEEPER	012-4712	1.00
NM08N0805-002	STREET SWEEPER OPERATOR	012-4712	1.00
NM08N0805-001	STREET SWEEPER OPERATOR	012-4712	1.00
- Home department : 012-4713 (Count: 2)			
NM08N0765-004	SENIOR SOLID WASTE OPERATOR	012-4713	1.00
NM08N0765-007	SENIOR SOLID WASTE OPERATOR	012-4713	1.00
	SEWER/WASTEWATER FUND - 015		32 Total
- Home department : 015-4651 (Count: 6)			
NM08N0875-003	WASTEWATER COLL. MAINT. WKR II	015-4651	1.00
NM07N0865-001	WW COLL. MAINT. CREW LEADER	015-4651	1.00
NM03N0844-001	WASTEWATER COLL. MAINT. SUPV	015-4651	1.00
NM08N0875-002	WASTEWATER COLL. MAINT. WKR II	015-4651	1.00
NM08N0875-001	WASTEWATER COLL. MAINT. WKR II	015-4651	1.00
NM08N0870-002	WASTEWATER COLL. MAINT. WKR I	015-4651	1.00
- Home department : 015-4652 (Count: 26)			
NM03N0915-001	WASTEWATER PLANT SUPERVISOR	015-4652	1.00
NM03N0430-001	LABORATORY TECHNICIAN	015-4652	1.00
NM03N0432-001	LABORATORY SUPERVISOR	015-4652	1.00
NM05N0895-001	WWTP OPERATOR II	015-4652	1.00
CP06N0235-007	DEPARTMENT ASSISTANT II	015-4652	1.00
NM05N0880-001	WASTEWATER MAINT. TECHNICIAN I	015-4652	1.00
NM05N0425-001	LABORATORY ASSISTANT	015-4652	1.00
NM05N0880-002	WASTEWATER MAINT. TECHNICIAN I	015-4652	1.00
NM03N0915-002	WASTEWATER PLANT SUPERVISOR	015-4652	1.00
NM05N0895-004	WWTP OPERATOR II	015-4652	1.00
NM05N0895-003	WWTP OPERATOR II	015-4652	1.00
NM05N0895-002	WWTP OPERATOR II	015-4652	1.00
NM03N0879-001	WW MAINTENANCE TECH CREW LDR	015-4652	1.00
NM05N0405-001	ENVIRONMENTAL COMPLIANCE INSP	015-4652	1.00
MM02E0490-001	MANAGEMENT ANALYST	015-4652	1.00
MM03E0884-001	OPERATIONS MANAGER	015-4652	1.00
NM05N0880-003	WASTEWATER MAINT. TECHNICIAN I	015-4652	1.00
NM05N0895-007	WWTP OPERATOR II	015-4652	1.00
NM05N0895-008	WWTP OPERATOR II	015-4652	1.00
NM05N0895-005	WWTP OPERATOR II	015-4652	1.00
NM03N0900-003	WWTP OPERATOR III	015-4652	1.00
NM08N0905-002	WWTP OPERATOR TRAINEE	015-4652	1.00
NM08N0905-001	WWTP OPERATOR TRAINEE	015-4652	1.00
NM08N0905-003	WWTP OPERATOR TRAINEE	015-4652	1.00

DRAFT

<i>Position number</i>	<i>Title</i>	<i>Home Dept</i>	<i>FTE</i>
NM03N0877-001	WASTEWATER ELECTRICAL TECH I	015-4652	1.00
NM03N0881-001	WASTEWATER MAINT TECHNICIAN II	015-4652	1.00
Total allocated positions - Utility Funds			<u>83.00</u>

City Manager Projects Budget Letter

May 18, 2017

**HONORABLE MAYOR AND MEMBERS OF CITY COUNCIL
HONORABLE PRESIDENT AND MEMBERS OF THE BOARD OF PUBLIC UTILITIES**

This Proposed Fiscal Years 2017/2022 Projects Budget (which includes the Capital Improvement Plan (CIP) budget) is respectfully submitted for your consideration as a financing and project management plan.

Essentially, the Projects Budget is a tool to match resources (both financial and human) to the list of possible City goals that involve efforts expected to last more than one year or one time projects that need managing or those projects that incorporate ongoing allocations for capital maintenance. Once completed, the Projects Budget provides a management tool to track project progress. The Projects Budget also provides the “approved list” of projects that staff is to work on under the Tulare Project Management System Policy.

Finally, the Projects Budget can become a tool where the appropriation of development impact fees discussed under California Government Code Section 66007(b)(1) are made. No change to existing City processes or procedures with regard to Mitigation Fee Act (Government Code section 66000 et seq.) are intended by this planning effort.

Staff has continued to improve the planning and development of projects and project management. Two policies outlining the procedures in this process include the Tulare Project Management System (TPMS) and the Transportation System Planning Policy (TSPP). The TPMS is intended to help the City accomplish significant projects on time, within budget and according to each project’s clearly defined scope. The TSPP is intended to describe the City’s transportation planning and projects administration process. Together, these policies have provided the framework necessary to help reach a level of a true “capital improvement plan.”

Process to Develop the Projects Budget

To develop the Projects Budget, City staff determined the total resources available to fund the projects. Staff from all departments submitted project request forms for consideration by the Tulare Success Team (TST) which is made up of senior management staff. The TPMS selection criteria was applied during the selection process and resources were checked to confirm availability. The Projects Budget is now ready for the Council and BPU to consider adopting under their respective purview.



Each project idea was researched in terms of the financing available for the project, the pending status of the project, and the project management resources (human) available to oversee and manage each project. The financing estimates were based on total project costs. Ultimately, project recommendations (both in terms of timing and funding) were made based on the total resources available. The following selection criteria and implementation strategies are excerpted from the TPMS policy statement for convenience.

Project Selection Criteria

Projects were evaluated based on the criteria set forth in the TPMS policy. The Project Selection Criteria is as follows:

1. Project corrects immediate and urgent public health or public safety issue.
2. City is legally or contractually obligated to undertake the project at a specified time.
3. 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.
4. 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.
5. Project represents an investment that will return real cash savings over an identifiable investment horizon and the rate of return exceeds the City's cost of capital, which equals weighted average interest rate on City debt issues and capital leases.
6. Project extends an existing City program or function to meet the Council's vision and explicit direction.
7. Project creates a new City program or function to meet the Council's vision and explicit direction.
8. 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.
9. 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.



10. Projects will be evaluated using reasonable projections of real marginal (difference between cash inflows and cash outflows) cash flows (not accrual-based expenditures or expenses) and will be compared to the cash flows from not doing the project at all. Projects in category 5 above are to be ranked within their category according to the highest net present value return.
11. Project rankings will be consistent with Authorizing Bodies (City Council and Board of Public Utilities) plans for maximally optimizing per capital income and real property values within the City of Tulare.

“Core programs,” as used above, are programs that Authorizing Bodies designate as crucial to their operating plans for the next one-year and five-year (intermediate) periods. If the City is actively operating a program, staff will assume it is “core” unless changed or eliminated by the Authorizing Body.

Project Implementation Strategies

In addition to the Project Selection Criteria, the TPMS policy also includes a project implementation strategy. The implementation strategies are as follows:

- A. Only approved and active projects will be the focus of serious effort by staff.
- B. Each project will have a responsible Project Manager from concept through completion. The Project Manager is responsible for articulating project scope, budget formulation, schedule development, project risk management and being the expert with regard to the project funding requirements.
- C. The City will maintain a modest inventory of “designed” capital infrastructure projects to be able to take advantage of state or federal funds on short notice. This may include acquiring property rights and doing environmental review work so the projects are ready for immediate construction.
- D. Work plans will take into account proposed projects and project feasibility will consider whether sufficient human resources exist to successfully complete the project within the proposed schedule and budget.
- E. The Authorizing Body is responsible for approving projects and for identifying projects to keep in the “ready” inventory, except as delegated to the City Manager in the context of project concept development.
- F. Operating transfers designated for funding projects by the respective Authorizing Body will be booked in the City accounts expeditiously after project sources and uses approval.



- G. The City Manager or designee will create internal processes and procedures to assure the efficient and effective operation of the TPMS, Project budget process, and project management office concept.
- H. All Information Technology components of capital projects will be evaluated and reviewed by the Information Technology Division on the basis of their integration with existing city systems and processes. Projects containing Information Technology components will be reviewed early in the project lifecycle.
- I. All grants requiring project administration and accounting will be managed using the project cost accounting system. All matching funds for such grants will be identified by the Project Manager and Finance before the project is presented for approval to the Authorizing Body.

During the year, staff may continue to develop ideas for eventual presentation to the Authorizing Bodies. Pursuant to the TPMS policy, the City Manager is authorized to approve conceptual projects up to \$15,000 for staff time and up to \$15,000 for professional services (\$30,000 total). Conceptual projects allow staff to build a project inventory in case funding becomes available unexpectedly. Once the projects are scoped and funding resources become available, staff will return to the Authorizing Bodies for authorization to proceed. Even with conceptual projects, actual resources must be available to fund the conceptual projects before approval is granted.

Summary of Proposed Approved Projects

The following is a summary of proposed approved projects by department. The detailed information is set forth on the attached project forms.

Transportation:

Over the past six months, members of the Transportation Management Team (TMT) worked together to prepare the proposed transportation and related utilities Projects Budget. This cross-functional team included members of the Project Management, Engineering, Sewer, Streets, and Water divisions. The goal was to develop a comprehensive and cohesive plan that incorporated and coordinated the highest priority needs among the transportation and utility systems. The proposed program consists of a \$70 million budget over a five year period, comprised of numerous funding sources, including various transportation related funds as well as contributions from water and sewer utility funds. During this process, the team matched needs to eligible resources and utilized the project selection criteria to create the proposed Projects Budget. This plan improved and expanded upon the previous plan prepared by TMT. Now, the plan includes additional related utility infrastructure improvements made possible by the



recently increased utility rates. Staff is eager to continue improving the ability to manage and maintain the City's transportation and utility systems. A summary of the transportation and utility improvement plan is listed below:

- The largest part of the transportation and related utility infrastructure projects consist of Pavement Management System (PMS) projects. A total of 24 projects are anticipated to be completed in the next five years and are more specifically identified in the attached project forms.
- Several annual transportation projects have been included in the proposed project list. Those projects include Transportation Expansion, Transportation Studies/Admin, Transportation Urgency Items, Transportation Minor Replacement and Transportation Maintenance.
- A Transportation Planning project for planning transportation system maintenance, improvements, and expansion projects has also been included in the proposed project list.

In addition to the above ongoing transportation projects, there is a special transportation project currently under review as described below:

South Tulare Interchange:

The current Paige Avenue interchange was built over 50 years ago and has been identified as sub-standard by Caltrans. In its current condition, the interchange will be an impediment to south Tulare commercial and industrial development. As part of a Project Study Report (PSR), Caltrans engineering staff prepared draft conceptual layouts and preliminary costs for interchange alternatives to replace the existing two-lane interchange with a new facility to accommodate additional bike, pedestrian and transit lanes of traffic. After a review of these alternatives, the Tulare County Association of Governments authorized the environmental review and study of two alternate locations; the first was Commercial and the second was Industrial. The study also included Paige Avenue and corridor improvements as a part of all alternative options. This process is anticipated to take approximately two years.

Administration Projects

The administration projects include projects from the City Manager's Office, Human Resources, Fleet, and Facilities Maintenance. Some of the highlights are as follows:

- The City Manager's Office submitted a project called City Hall Security Upgrades. This project is the result of a recent security review which



highlighted the need for additional security on the second floor at City Hall. The proposed project will make necessary security upgrades that include the additions of and modifications to partition walls, doors, locks and other security measures to provide the ability to regulate access to and monitor select areas within the building, while maintaining accessibility to the public.

- Fleet and Facilities Maintenance have several proposed projects including automating the fluid dispensing system, repair of the City Hall roof, replacement of the Waste Water Treatment Plant administration building roof, and the Corporation Yard Phase 1-3 (pavement and drainage improvements) at the Corporation Yard.
- Staff included a project to address the current ADA issues at on-site City facilities according to the 2016 ADA Transition Plan. This project will implement necessary ADA compliance upgrades.

Public Safety Projects

The Fire and Police Department have several projects to continue improving the exceptional quality service these departments provide to the City of Tulare.

- Staff has identified the need to replace the roof over the administration, engine apparatus bays and crew quarters at Station 61. A proposed project was created to address this issue in fiscal year 2017/18. The current roof has 16 confirmed leaks at the time the project was proposed with the possibility of mold in the attic space.
- The Police Department's current dispatch console radios are nearing their end of life expectancy. A proposed project was created to request the replacement of these radios; four total radios of which three of the four are for the Police Department Dispatch Center and the final one for the Public Safety EOC at Fire Station 1.

Information Technology Projects

IT oversees several projects for various City departments. The division has submitted the following project requests for both IT and the Equipment Replacement Fund:

- Equipment Replacement Fund includes projects such as the Remote Site Switching Upgrade, Council Chambers Simplification, IT Equipment Replacement (End-of-Life computers and network equipment), and Dispatch Console Radio Replacement.



- Other projects for IT are primarily continuations of multi-year projects or they are being driven by the results of the fiscal year 2016/17 Information Technology Specific Financial audit. CLETS access in Vehicles will finish out in the 2017/2018 fiscal year. This project will provide operational improvements to dispatch as well as patrol. As a result of audit findings, a fire suppression systems will be added in City Hall and the Police Department server rooms. These will allow for an additional layer of protection to ensure stable computing resources for public safety operations and financial accounting of city services. Additionally, there is a project that includes the addition of a few new laptops/tablets that are slated for Fire and Public Works to support new systems within their departments.

Parks, Library & Recreation Projects

Many of the Parks projects include grant funding. The City is often unaware of what grants will be available in the future. The City continues to be faced with limited resources for maintenance and operations expenses of new park facilities. The following is the highlight of included projects:

- The proposed Cypress Park Rehabilitation project addresses the aging playground and ADA compliance issues. The project includes replacing the current playground which has exceeded its life expectancy. The existing fall surface does not meet the ASTM standards for fall attenuation nor does it comply with current ADA requirements for accessibility.
- The Parks & Recreation 10 Year Master Plan project allows the City to retain an independent firm to engage with Parks & Recreation staff, the Parks & Recreation Commission and the community through surveys and public meetings to come up with a 10 year Master Plan that addresses all existing park improvement projects, recreational programs, and future needs assessment.

Surface Water Projects

The Surface Water Management division includes facilities to collect surface water, clean it and recharge the groundwater. The division has proposed various projects including the following:

- Two new lift stations. One located at Levin and West Street which will help to relieve flooding citywide. The other lift station will be on Levin which will relieve the overflow at Bardsley and West Street.



- The installation of SCADA (Supervisory Control and Data Acquisition) on the storm water lift stations will allow for remote monitoring and control. Project includes the initial cost of integration into the existing SCADA system and installation of SCADA at critical sites.

UTILITY FUNDS

Solid Waste Projects

The Solid Waste division has submitted requests for two projects; one projected to begin in 2017/18 and one projected to begin in 2021/22 which is the beginning of the next projects budget cycle. The project proposed for this coming cycle is highlighted below:

- The purchase and installation of equipment camera systems with DVR and Event buttons to improve on efficiency and safety.

Sewer/Wastewater Projects

The Sewer and Wastewater divisions have submitted several proposed projects. A few of those projects are summarized below:

- Sewer has submitted a project to upgrade the current lift stations. Depending on the lift station, this project will include motor replacements, adding spare motors for emergency failures and safety upgrades.
- A new High Solids System was submitted by Wastewater. In fiscal year 2015, a solids handling study was performed and as a result of that study, a new high solids alternative is suggested.
- The Facility Digesters Rehabilitation project was submitted by Wastewater. There are five operating anaerobic digesters at the wastewater treatment facility. Every five 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.

Water Projects

City Council and the Board of Public Utilities are well aware of the increasing challenges of dealing with an aging infrastructure and the need to increase capacity into the system. New water rates were approved in July 2016 and became effective in October 2016. City staff has worked diligently to develop a plan to rehabilitate and upgrade the current system over the next five years in order to increase the system's efficiency.



Projects have been submitted to construct new water wells, storage tanks and rehabilitate the existing infrastructure through pipe replacement. The following highlights the water projects:

- Rehabilitation and replacement of old and/or obsolete electrical panels at various well sites. The project also includes upgrades to the SCADA System.
- Contribution to Transportation Pavement Management System projects to replace old and/or undersized pipes while the streets are opened up.
- Capital equipment replacement of a backhoe and stand-by generators.
- Annual replacement of water meters.
- Purchase and development of sites for groundwater recharge basins.

TCP Treatment: It is anticipated that the State of California will be setting a maximum contaminant level (mcl) for 1,2,3 - Trichloropropane (TCP) to be in effect in January 2018. Based on a Provost & Pritchard study, a treatment plan has been identified for all wells affected by TCP (wells 8, 11, 12, 13, 17, 23, 24, 34, 35, 37, 38, 43, and 44). Wells 24, 34, 37, 43, and 44 have been identified for treatment first due to their higher concentration levels. Capital costs and Maintenance and Operations (M&O) costs have been identified and created for implementing the plan. This project has three separate phases.

Phase 1: Perform studies and seek alternatives for treatment (completed during FY 2014/15).

Phase 2: Before installing treatment, Provost & Pritchard recommends two additional data-gathering steps: (1) laboratory analysis to identify Total Organic Content (TOC) levels in each of the wells; and (2) Rapid Small Scale Column Tests (RSSCT) for at least the top-priority wells. These tests will enable the City to refine the carbon usage rate estimates for the recommended Granular Activated Carbon treatment plants, and determine the appropriate type of Granulated Activated Carbon to use. Estimated cost for this phase is approximately \$61,000.

Phase 3: Construction phase (See TPMS chart for phase definition). Treatment of all wells above with appropriate filters. Final schedule to be determined and order of treatment to be prioritized once further funding plans have been identified. This will allow matching of resources to the most impacted wells first to optimize initial benefits.



Conclusion

This year's Projects Budget is comprised of approximately 150 projects. City staff has come to comfortably embrace the process set to submit and approve projects. The forms are designed to capture all pertinent information in order for the Tulare Success Team (TST) to rank projects appropriately. Projects are tracked from beginning to end to ensure projects are within budget and completed in a timely manner. The project management team and staff continue to work closely together in monitoring and making decisions to keep the system on track. The success of this program relies on experienced staff working together to deliver high quality projects that focus on ensuring that Tulare continue to be the most desirable place to live, learn, play, work, worship, and prosper.

Respectfully submitted,



Joseph Carlini
Interim City Manager



RESOLUTION 17-_____

**A RESOLUTION OF THE BOARD OF PUBLIC UTILITIES OF THE
CITY OF TULARE ADOPTING THE 2017/2018 – 2021/22
PROJECTS BUDGET (INCLUDING THE CAPITAL IMPROVEMENT PLAN)**

WHEREAS, the Projects Budget is a tool to match resources to the list of possible City goals that involve either efforts expected to last more than one year or one time projects that need managing or ongoing allocations for capital maintenance; and

WHEREAS, each project idea was researched in terms of the financing available to do the project, the pending status of the project, and the project management resources available to oversee and steer each project; and

WHEREAS, the Planning Commission reviewed the projects that are recommended for planning, initiation, or construction for fiscal years 2017/18 – 2021/22 and report they are in conformance with the Tulare General Plan; and

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF TULARE, AS FOLLOWS, TO WIT:

1. The Board of Public Utilities of the City of Tulare approves and adopts the 2017/2018 – 2021/22 Projects Budget (including the Capital Improvement Plan);
2. The City Manager, and any persons to whom the City Manager delegates such authority and responsibility, is authorized and directed to administer the Projects Budget consistently with all policies adopted by the City Council (and where pertinent by the Board of Public Utilities with regard to the City of Tulare Utility operations), including without limitation the Tulare Project Management System Policy and the Tulare Transportation System Planning Policy.

PASSED, ADOPTED, AND APPROVED this ____ day of June, 2017.

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

ATTEST:

STATE OF CALIFORNIA)
COUNTY OF TULARE) ss.
CITY OF TULARE)

I, Joseph V. Carlini, City Clerk of the City of Tulare, certify the foregoing is the full and true Resolution 17-___ passed and adopted by the Board of Public Utilities of the City of Tulare at a regular meeting held on June 1, 2017, by the following vote:

Aye(s) _____

Noe(s) _____ Absent _____.

Dated:

JOSEPH V CARLINI, CITY CLERK

By Melissa Hermann, Interim Deputy City Clerk

City of Tulare
2017-2022 Projects Budget
SUMMARY OF EXPENSES/FUNDING

PROJECT EXPENSES	FISCAL YEARS					Grand Total
	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	
Admin	\$1,255,000	\$2,349,200	\$1,695,000	\$240,000	\$240,000	\$5,779,200
Information Technology	\$177,000	\$154,000	\$97,000	\$87,000	\$60,000	\$575,000
Parks, Library & Recreation	\$40,000	\$416,450	\$158,550	\$260,000	\$270,000	\$1,145,000
Public Safety	\$548,031	\$320,281	\$300,381	\$280,481	\$270,481	\$1,719,655
Surface Water	\$975,000	\$485,000	\$250,000	\$350,000	\$250,000	\$2,310,000
Transportation	\$13,974,589	\$16,904,941	\$17,891,628	\$16,119,628	\$17,400,777	\$82,291,564
Water	\$9,142,350	\$8,760,350	\$6,502,059	\$4,377,536	\$3,675,000	\$32,457,295
Solid Waste	\$40,000				\$175,500	\$215,500
Sewer/Wastewater	\$2,169,500	\$4,015,000	\$4,605,000	\$1,318,500	\$1,849,500	\$13,957,500
Grand Total	\$28,321,470	\$33,405,222	\$31,499,618	\$23,033,145	\$24,191,258	\$140,450,714

FUNDING SOURCE	FISCAL YEARS					Grand Total
	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	
009 Transit Fixed Route		\$150,000				\$150,000
010 Water Bonds	\$2,579,535	\$2,988,421	\$2,296,390	\$4,634,321	\$5,590,235	\$18,088,903
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
015 Wastewater Salaries	\$26,500	\$57,500	\$50,000	\$7,500	\$18,500	\$160,000
021 Measure R Local	\$735,085	\$869,331	\$2,795,584	\$1,100,000	\$1,100,000	\$6,600,000
022 GAS TAX	\$3,663,496	\$1,209,411	\$2,787,754	\$2,337,518	\$2,911,714	\$12,909,892
260 DIF Water Supply FAC		\$8,600	\$2,008,600			\$2,017,200
601 Other General Fund CIP	\$532,600	\$587,200	\$544,650	\$550,000	\$550,000	\$2,764,450
603 Technology Fund	\$137,000	\$74,000	\$65,000	\$40,000	\$60,000	\$376,000
610 Water CIP Fund	\$4,258,000	\$3,573,500	\$1,364,291	\$725,000	\$675,000	\$10,595,791
612 Solid Waste CIP	\$564,750	\$500,000	\$522,750		\$170,500	\$1,758,000
615 SEWER/WASTEWATER CIP	\$3,652,942	\$7,783,596	\$9,362,500	\$6,779,429	\$7,020,059	\$34,598,526
623 Equipment Replacement F	\$930,281	\$926,831	\$668,749	\$733,017	\$230,481	\$3,489,359
643 Franchise Fee (Solid Waste	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
643 General Fund Transportati	\$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	\$2,482,994	\$1,610,905	\$1,461,505	\$1,359,591	\$1,240,000	\$8,154,995
ST0007-0001-0601 (Gas Tax)	\$50,000					\$50,000
077 CDBG	\$390,000					\$390,000
021 Measure R OWP	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$175,000
605 FAA ACIP Grant		\$585,000	\$126,000			\$711,000
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
605 State Caltrans Grant		\$29,250	\$6,300			\$35,550
610 State of CA SRF Grant		\$2,000,000				\$2,000,000
690 Parks DIF Fund		\$75,000				\$75,000
077 Redevelopment CDBG	\$390,000	\$390,000	\$390,000	\$390,000	\$390,000	\$1,950,000
230 DIF LOCAL STREETS AND TI	\$1,766,520	\$75,000	\$75,000			\$1,916,520
301 DIF - STORM DRAIN FAC	\$11,408	\$68,370	\$68,370			\$148,148

894 Solid Waste Salaries					\$5,000	\$5,000
250 DIF - STS/Medians/Landscaping		\$125,280	\$125,280			\$250,560
290 DIF - Sewage & Wastewater Facility		\$19,500	\$19,500			\$39,000
643 LTF		\$1,800,000				\$1,800,000
TBD - Cartmill Sewer/Wastewa	\$96,893	\$580,644	\$580,644			\$1,258,181
TBD - Cartmill Water - Benefit I	\$82,217	\$491,038	\$491,038			\$1,064,293
001 Measure I	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000
Grand Total	\$28,321,470	\$33,405,222	\$31,499,618	\$23,033,145	\$24,191,258	\$140,450,713

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 Standby 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					Grand Total
	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	
City Manager's Office	\$25,000		\$25,000	\$25,000	\$25,000	\$100,000
City Hall Security Upgrade	\$25,000					\$25,000
Matching/Contingency Fund			\$25,000	\$25,000	\$25,000	\$75,000
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
ADA Compliance Upgrades - City Facilities	\$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					Grand Total
	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	
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: No additional costs; future savings of product loss, accurate vehicle reporting
(Additional Cost & Department Responsibility)

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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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
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	\$0
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 # FL2016-2
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: None
(Additional Cost & Department Responsibility)

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 / Compressor	\$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 # <i>FL 2016-3</i>
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: Increase to the Equipment Replacement fund of \$2,250 annually split amongst Corp Yard departments for future replacement in 20 years.
(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							
Equipment	\$0	\$0	\$40,000	\$0	\$0	\$40,000	\$0
Permitting 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
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: Increase to the Equipment Replacement fund of \$1,000 annually from the Fleet Dept for future replacement (10 year life)
(Additional Cost & Department Responsibility)

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
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 # <i>FM 2016-2</i>
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: None
(Additional Cost & Department Responsibility)

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

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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	\$0
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 # <i>FM2016-5</i>
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 minutes before phones and internet is lost.

KEY POINTS: Corpyard internet and phones are not powered by standby generators in the event of 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: Increase to the Equipment Replacement fund of \$1,000 annually
(Additional Cost & Department Responsibility) 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 replaced or repaired.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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
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 # <i>FM 2016-13</i>
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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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 # <i>Fm2016-14</i>
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: None
(Additional Cost & Department Responsibility)

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	\$0
601 Other General 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 # <i>FM2016-15</i>
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: None
(Additional Cost & Department Responsibility)

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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
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 General 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	\$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
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					Grand Total
	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	
Sewer	\$1,020,000	\$925,000	\$900,000	\$900,000	\$900,000	\$4,645,000
Alley Sewer Main Replacemer	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000
Electrical Control System Upg	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000
Lift Station Upgrades	\$225,000	\$475,000	\$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 T	\$225,000					\$225,000
Wastewater (Domestic & Industrial)		\$250,000	\$2,165,500	\$250,000	\$250,000	\$2,915,500
Influent Headworks Electrical System Inspection			\$5,500			\$5,500
Lab Refurbishment			\$1,660,000			\$1,660,000
WWTP Facility Upgrades		\$250,000	\$500,000	\$250,000	\$250,000	\$1,250,000
Wastewater Domestic	\$117,500	\$1,136,000	\$341,000	\$142,500	\$385,000	\$2,122,000
Anoxic Tank Inspection					\$80,000	\$80,000
Anoxic Tank Resurfacing					\$305,000	\$305,000
Generator ER5 Rehabilitation		\$305,000				\$305,000
Gravity Belt Control System Rehab			\$78,000			\$78,000
Grit System Rehabilitation				\$105,000		\$105,000
Influent Headworks Bar Screen Rehab		\$225,000				\$225,000
Influent Pump and Motor Rehab			\$185,000			\$185,000
Instrumentation, Controls for	\$80,000					\$80,000
Primary Clarifier Floatable Co	\$37,500			\$37,500		\$75,000
Pumps Sand Blasting and Painting		\$16,000				\$16,000
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
Wastewater Industrial	\$1,032,000	\$1,704,000	\$1,198,500	\$26,000	\$314,500	\$4,275,000
Aeration Decanting System Rehab			\$62,000			\$62,000
Aeration Lagoon Evaluation			\$155,000			\$155,000
Aeration Piping and Valve Rehabilitation		\$155,000				\$155,000
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
Industrial Digesters Mixing Pumps Rehab		\$10,500					\$10,500
Industrial Wastewater Treatr	\$152,000						\$152,000
Influent Headworks - Sandblast and Paint		\$32,500					\$32,500
Internal Weir Adjustment and Resurfacing				\$78,000			\$78,000
Lagoon Aerator Rehabilitator	\$51,000	\$26,000	\$26,000	\$26,000	\$26,000		\$155,000
Methanol Control System Upg	\$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 A	\$32,000						\$32,000
Replace Dissolved Oxygen Meters		\$7,500				\$7,500	\$15,000
Replace Solids Meters		\$26,000				\$26,000	\$52,000
Septage Station Rehab				\$155,000			\$155,000
Total Bar Rake Overhaul	\$23,000						\$23,000
Wet Well Discharge Pit Resurf	\$27,000						\$27,000
Grand Total	\$2,169,500	\$4,015,000	\$4,605,000	\$1,318,500	\$1,849,500	\$13,957,500	

FUNDING SOURCES	FISCAL YEARS					Grand Total
	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	
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 # <i>SW2016-1</i>
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: The ongoing M&O expense related to this project is already included in Sewer Division's annual M&O budget.
(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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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
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 # <i>SW 2016-2</i>
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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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 # <i>SW2016-3</i>
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: The ongoing M&O expense related to this project is already included in Sewer Division's annual M&O budget.
(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	\$200,000	\$420,000	\$400,000	\$400,000	\$400,000	\$1,820,000	\$0
Contingency	\$22,000	\$48,000	\$45,000	\$45,000	\$45,000	\$205,000	\$0
Project Management Time	\$3,000	\$7,000	\$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:	\$225,000	\$475,000	\$450,000	\$450,000	\$450,000	\$2,050,000	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	\$225,000	\$475,000	\$450,000	\$450,000	\$450,000	\$2,050,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$225,000	\$475,000	\$450,000	\$450,000	\$450,000	\$2,050,000	\$0

SEWER PROJECT

PROJECT # <i>SW2016-4</i>
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					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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
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 # SN2016-5
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
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 # SN 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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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 #
Unit 971 Replacement CCTV Truck SW 2016-7
(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: 7/1/2017

PROJECTED END DATE: 6/30/2018

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	\$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
Total Costs:	\$225,000	\$0	\$0	\$0	\$0	\$225,000	\$0
Funding Sources							
615 SEWER/WASTEWATER CIP FUND	\$225,000	\$0	\$0	\$0	\$0	\$225,000	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Funding:	\$225,000	\$0	\$0	\$0	\$0	\$225,000	\$0

Industrial

Sewer Project

PROJECT #	NW2016-1
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: The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.
(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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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						Total	Unfunded
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 # <i>WW2016-2</i>
Total Bar Rake Overhaul
(Operations)
(Maintenance & Repair)
Districts 1,2,3,4,5

PROJECT MANAGER:

Josh Rogers

PROJECT DESCRIPTION & PURPOSE:

These bar ^{rake} 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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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

Domestic

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

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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						Total	Unfunded
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: The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.
(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 replaced or repaired.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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 - Salarles	\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$0
Total Funding:	\$710,000	\$0	\$0	\$0	\$0	\$710,000	\$0

Industrial

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

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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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 methanol 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: The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.
(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 replaced or repaired.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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 # <i>WW2016-7</i>
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: The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.
(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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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 #	NW 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: The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.
(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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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 # <i>NW2016-9</i>
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: The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.
(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	\$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

Domestic

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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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

Industrial

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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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

Industrial

Sewer Project

PROJECT # <i>WW2016-12</i>
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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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 # W/W 2016-13
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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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

Domestic

Sewer Project

PROJECT #	WW2016-14
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: The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.
(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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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
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

Industrial

Sewer Project

PROJECT #	WW2016-15
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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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						Total	Unfunded
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

Industrial

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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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

Domestic

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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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

Industrial

Sewer Project

PROJECT #	WN 2016-18
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: The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.
(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 replaced or repaired.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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 #	NW2016-19
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: The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.
(Additional Cost & Department Responsibility)

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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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

Domestic

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

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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

Domestic

Sewer Project

PROJECT # n/w 2016-21
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: The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.
(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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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

T
Industrial

Sewer Project

PROJECT # <i>WN 2016-22</i>
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: The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.
(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 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

Industrial

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

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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 <i>015 Wastewater Solars</i>	\$0	\$5,000	\$0	\$0	\$0	\$5,000	\$0
Total Funding:	\$0	\$155,000	\$0	\$0	\$0	\$155,000	\$0

Both
 Industrial - 1,000,000
 Domestic - 250,000

Sewer Project

PROJECT #	WW/2016-24
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: To Be Determined
(Additional Cost & Department Responsibility)

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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
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	500,000					Total	Unfunded
Wastewater Fund 615 CIP	\$250,000	\$250,000	\$250,000	\$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

Industrial

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 portion 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: The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.
(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 replaced or repaired.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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
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

Industrial

Sewer Project

PROJECT # <i>WN 2016-26</i>
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: The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.
(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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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

Industrial

Sewer Project

PROJECT # <i>WW2016-27</i>
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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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 # <i>WW2016-24</i>
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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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 # <i>WN 2016-29</i>
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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Contract - Labor & Malntenance	\$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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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

Domestic

Sewer Project

PROJECT # <u>NW2016-31</u>
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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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

Both
 Industrial - 3,850
 Domestic - 1,650

Sewer Project

PROJECT # <i>WW2016-32</i>
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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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

Domestic

Sewer Project

PROJECT # <i>WW2016-33</i>
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: The ongoing M&O expense related to this project is already included in Wastewater Treatment Division's annual M&O budget.
(Additional Cost & Department Responsibility)

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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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 # <i>WW2016-34</i>
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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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

Industrial

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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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 Maintenance)	
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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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

Domestic

Sewer Project

PROJECT # <i>WW2016-37</i>
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: 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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Contract - Labor & Malntenance	\$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	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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 # <i>WW 2016-39</i>
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 vacor 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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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 # <i>WW2016-39</i>
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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
Contract - Labor & Malntenance	\$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	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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 #	WWB016-40
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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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
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

Both
 Industrial - 1162000
 Domestic - 498000

Sewer Project

PROJECT #	WW2016-51
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: Unknown until scope can be further defined and upgrade designed
(Additional Cost & Department Responsibility)

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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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

Domestic

Sewer Project

PROJECT # <i>NW2016-42</i>
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: 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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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

Domestic

Sewer Project

PROJECT # <i>W/W2016-43</i>
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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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

Domestic

Sewer Project

PROJECT # <i>WW2016-44</i>
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: 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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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

Industrial

Sewer Project

PROJECT # <i>WN2016-45</i>
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: 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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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
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 # <i>SO 2016-1</i>
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: This project will increase Solid Waste Division's M & O commencing July 2018 in the amount of \$7,000.
(Additional Cost & Department Responsibility)

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
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 # 502016-2
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: The ongoing M&O expense related to this project is already included in Solid Waste Division's annual M&O budget.
(Additional Cost & Department Responsibility)

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
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
012 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
TRANSPORTATION PROJECTS

Five Year List:

ST0006	Annual Transportation - Pavement Management
ST0007	Annual Transportation Maintenance
EN0060	Transportation Planning
EN0061	Annual Transportation Expansion
EN0062	Annual Transportation Studies/Admin
EN0064	E St.-Bardsley to Pleasant
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					Grand Total
	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	
Engineering	\$13,285,089	\$16,120,441	\$17,107,128	\$15,335,128	\$16,616,277	\$78,464,064
ADA PRoW Transition Plan	\$170,000					\$170,000
Transportation Planning	\$70,000	\$70,000	\$70,000	\$70,000	\$70,000	\$350,000
Annual Transportation Expansion	\$303,300	\$303,300	\$303,300	\$581,300	\$581,300	\$2,072,500
Annual Transportation Studies/Admin	\$126,500	\$126,500	\$126,500	\$156,500	\$126,500	\$662,500
E Street - Bardsley to Pleasant	\$5,219,629					\$5,219,629
I Street-Owens Improvements	\$3,031,077					\$3,031,077
Cartmill/Hillman Improvements	\$2,495,282	\$3,496,173	\$3,496,173			\$9,487,628
Prosperity Ave-Blackstone Improvements	\$250,000					\$250,000
J Street Improvements	\$95,000					\$95,000
Cross Ave Improvements	\$30,029	\$328,488				\$358,516
Maple Ave Improvements		\$86,473	\$961,545			\$1,048,018
O Street Improvements	\$434,436	\$5,145,193				\$5,579,628
Cerry-Bash Alley Improvements	\$426,167	\$5,091,358				\$5,517,525
Sonora Ave Improvements		\$185,141	\$2,193,435			\$2,378,576
Sacramento-Pleasant Improvements		\$697,148	\$8,303,852			\$9,001,000
Tulare Improvements			\$461,755	\$5,473,653		\$5,935,408
Highland-Academy Tract Improvements				\$688,307	\$8,243,127	\$8,931,434
Sequoia-Spruce Tract Improvements				\$365,417	\$4,360,940	\$4,726,356
Elliott-Mefford Tract Improvements			\$599,900	\$7,180,190		\$7,780,090
Pratt St Improvements				\$131,655	\$1,504,779	\$1,636,433
Oaks St Improvements				\$97,438	\$1,138,963	\$1,236,401
Bardsley/Morrison Sidewalk Improvements	\$43,000					\$43,000
RSTP Funding Program	\$590,669	\$590,669	\$590,669	\$590,669	\$590,669	\$2,953,345
Streets	\$689,500	\$784,500	\$784,500	\$784,500	\$784,500	\$3,827,500
Annual Transportation - Pavement Management	\$271,000	\$366,000	\$366,000	\$366,000	\$366,000	\$1,735,000
Annual Transportation Maintenance	\$418,500	\$418,500	\$418,500	\$418,500	\$418,500	\$2,092,500

Grand Total	\$13,974,589	\$16,904,941	\$17,891,628	\$16,119,628	\$17,400,777	\$82,291,564
--------------------	---------------------	---------------------	---------------------	---------------------	---------------------	---------------------

FUNDING SOURCES	FISCAL YEARS					Grand Total
	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	
010 Water Bonds	\$2,579,535	\$2,988,421	\$2,296,390	\$4,634,321	\$5,590,235	\$18,088,903
021 Measure R Local	\$735,085	\$869,331	\$2,795,584	\$1,100,000	\$1,100,000	\$6,600,000
022 GAS TAX	\$3,663,496	\$1,209,411	\$2,787,754	\$2,337,518	\$2,911,714	\$12,909,892
260 DIF Water Supply FAC		\$8,600	\$8,600			\$17,200
601 Other General Fund CIP	\$28,000					\$28,000
615 SEWER/WASTEWATER CIP	\$1,199,192	\$3,476,096	\$4,504,250	\$5,418,429	\$5,189,059	\$19,787,026
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	\$1,507,994	\$1,125,905	\$1,211,505	\$1,009,591	\$990,000	\$5,844,995
ST0007-0001-0601 (Gas Tax)	\$50,000					\$50,000
021 Measure R OWP	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$175,000
077 CDBG	\$390,000					\$390,000
077 Redevelopment CDBG	\$390,000	\$390,000	\$390,000	\$390,000	\$390,000	\$1,950,000
230 DIF LOCAL STREETS AND TRAFFIC SIGNALS	\$1,766,520	\$75,000	\$75,000			\$1,916,520
301 DIF - STORM DRAIN FAC	\$11,408	\$68,370	\$68,370			\$148,148
250 DIF - STS/Medians/Landscaping		\$125,280	\$125,280			\$250,560
290 DIF - Sewage & Wastewater Facility		\$19,500	\$19,500			\$39,000
643 LTF		\$1,800,000				\$1,800,000
TBD - Cartmill Sewer/Wastewater Benefit District	\$96,893	\$580,644	\$580,644			\$1,258,181
TBD - Cartmill Water - Benefit District	\$82,217	\$491,038	\$491,038			\$1,064,293
001 Measure I	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000
Grand Total	\$13,974,589	\$16,904,941	\$17,891,628	\$16,119,628	\$17,400,777	\$82,291,563

TRANSPORTATION PROJECT

PROJECT #ST0006
Annual Transportation - Pavement Management
(Operations)
(Maintenance & Repair)
District(s): 1,2,3,4,5

PROJECT MANAGER: Bobby Dykes

PROJECT DESCRIPTION & PURPOSE: Annual transportation minor replacement program addresses transportation maintenance and operations items by doing minor repairs such as pothole repair, crack sealing and asphalt rejuvenation.

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: No additional Cost
(Additional Cost & Department Responsibility)

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

Costs Description	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
Alleys	\$31,000	\$31,000	\$31,000	\$31,000	\$31,000	\$ 155,000.00	\$ -
Asphalt Repair (Pothole & Crack Seal)	\$40,000	\$135,000	\$135,000	\$135,000	\$135,000	\$ 580,000.00	\$ -
Pavement Preservation	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000	\$ -
Total Costs:	\$271,000	\$366,000	\$366,000	\$366,000	\$366,000	\$1,735,000	\$ -
Funding Sources							
022 - Gas Tax	\$29,400	\$29,400	\$29,400	\$29,400	\$29,400	\$147,000	\$ -
643 - General Fund Transportation Materials	\$36,600	\$36,600	\$36,600	\$36,600	\$36,600	\$183,000	\$ -
643 - Franchise Fee (Solid Waste)	\$5,000	\$100,000	\$100,000	\$100,000	\$100,000	\$405,000	\$ -
001 - Measure II	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000	\$ -
Total Funding:	\$271,000	\$366,000	\$366,000	\$366,000	\$366,000	\$1,735,000	\$ -

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 transportation 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	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000	\$ -
021 - Measure R Local	\$0	\$0	\$0	\$0	\$0	\$0	\$ -
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 (PMS)

PROJECT #EN0064 (enR2015-3)
'E' St. - Badsley to Pleasant
R-EN.16.17 PMS E Alpine to Tulare
(CIP)

PROJECT MANAGER: Nick Bartsch

PROJECT DESCRIPTION & PURPOSE: Pavement Management System project on E Street between Bardsley Avenue and Pleasant Avenue. Includes ADA Concrete work and Water facilities.

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

PROJECT STATUS: *Construction: Spring 2017* ; Approved by TMT on 2/27/15

PROJECTED START DATE: 3/1/2016

PROJECTED END DATE: 12/31/2017

FUTURE M & O: 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.

Costs Description	Fiscal Year					Total	Unfunded
	2016/17	2017/18	2018/19	2019/20	2020/21		
001 - Conceptual	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
002 - Preliminary Design	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
003 - Environmental	\$6,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,000.00	\$0.00
004 - Final Design	\$280,065.81	\$0.00	\$0.00	\$0.00	\$0.00	\$280,065.81	\$0.00
005 - Construct/Impliment	\$0.00	\$5,219,628.99	\$0.00	\$0.00	\$0.00	\$5,219,628.99	\$0.00
006 - Close Out	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total Costs:	\$286,065.81	\$5,219,628.99	\$0.00	\$0.00	\$0.00	\$5,505,694.80	\$0.00
Funding Sources							
022 - Gas Tax	\$157,833.90	\$2,489,877.25	\$0.00	\$0.00	\$0.00	\$2,647,711.15	\$0.00
077 - CDBG	\$0.00	\$390,000.00	\$0.00	\$0.00	\$0.00	\$390,000.00	\$0.00
021 - Measure 'R' Local	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
010 - Water Bonds CIP	\$58,378.74	\$1,065,193.32	\$0.00	\$0.00	\$0.00	\$1,123,572.06	\$0.00
615 - Sewer/Wastewater CIP	\$22,446.47	\$409,563.88	\$0.00	\$0.00	\$0.00	\$432,010.35	\$0.00
647 - Surface Water CIP	\$47,406.70	\$864,994.55	\$0.00	\$0.00	\$0.00	\$912,401.24	\$0.00
Total Funding:	\$286,065.81	\$5,219,629.00	\$0.00	\$0.00	\$0.00	\$5,505,694.80	\$0.00

TRANSPORTATION PROJECT

PROJECT #EN2016:PMS 2
'I' St.-Owens Improvements
(Capital)
(Capital)
District(s): 2, 3

PROJECT MANAGER: Nick Bartsch

PROJECT DESCRIPTION & PURPOSE: Pavement Management System / Utility 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: No additional Cost
(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.

Costs Description	Fiscal Year					Total	Unfunded
	2016/17	2017/18	2018/19	2019/20	2020/21		
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	\$56,454	\$271,139	\$0	\$0	\$0	\$327,593	\$ -
021 - Measure R-Local	\$0	\$0	\$0	\$0	\$0	\$0	\$ -
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 # <i>EN0014-1</i>
'J' St. Improvements
(Capital)
(Capital)
District(s): 2,4

PROJECT MANAGER:

Nick Bartsch

PROJECT DESCRIPTION & PURPOSE:

Pavement Management System project on 'J' St. between Sandra and 1,100 feet south of Cartmill Ave., and from 1,500 feet north of Cartmill Ave. to Highway 99 southbound off-ramp.

KEY POINTS:

Traffic safety Improvements; Relief from potential liability concerns;

PROJECT STATUS:

Approved by TMT on 9/23/16

PROJECTED START DATE:

7/1/2017

PROJECTED END DATE:

12/31/2017

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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
001 - Conceptual	\$0	\$0	\$0	\$0	\$0	\$0	\$ -
002 - Preliminary Design	\$0	\$0	\$0	\$0	\$0	\$0	\$ -
003 - Environmental	\$0	\$0	\$0	\$0	\$0	\$0	\$ -
004 - Final Design	\$0	\$0	\$0	\$0	\$0	\$0	\$ -
005 - Construct/Impliment	\$95,000	\$0	\$0	\$0	\$0	\$95,000	\$ -
006 - Close Out	\$0	\$0	\$0	\$0	\$0	\$0	\$ -
Total Costs:	\$95,000	\$0	\$0	\$0	\$0	\$95,000	\$ -
Funding Sources							
643 - Franchise Fee (Solid Waste)	\$95,000	\$0	\$0	\$0	\$0	\$95,000	\$ -
Total Funding:	\$95,000	\$0	\$0	\$0	\$0	\$95,000	\$0

TRANSPORTATION PROJECT

PROJECT #EN2014-2
Cartmill-Hillman Improvements - Alternative 3
(Capital)
(Capital)
District(s): 4,5

PROJECT MANAGER: Nick Bartsch

PROJECT DESCRIPTION & PURPOSE: Pavement Management System / Traffic Safety / Utility 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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
001 - Conceptual	\$0	\$0	\$0	\$0	\$0	\$0	\$0
002 - Preliminary Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0
003 - Environmental	\$1,939,020	\$0	\$0	\$0	\$0	\$1,939,020	\$0
004 - Final Design	\$556,262	\$0	\$0	\$0	\$0	\$556,262	\$0
005 - Construct/Implement	\$0	\$3,496,173	\$3,496,173	\$0	\$0	\$4,669,872	\$2,322,473
006 - Close Out	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs:	\$2,495,282	\$3,496,173	\$3,496,173	\$0	\$0	\$7,165,155	\$2,322,473
Total:						\$9,487,628	
Funding Sources						Total	Unfunded
022 - Gas Tax	\$61,459	\$246,992	\$239,130	\$0	\$0	\$547,582	\$0
021 - Measure R-Local	\$476,785	\$80,749	\$1,888,611	\$0	\$0	\$2,446,145	\$0
230 - DIF - Local Streets and Traffic Signals	\$1,766,520	\$75,000	\$75,000	\$0	\$0	\$659,250	\$1,257,270
250 - DIF - STS/MEDIANS/LANDSCAPING	\$0	\$125,280	\$125,280	\$0	\$0	\$250,560	\$0
TBD - Cartmill Water - Benefit District	\$82,217	\$491,038	\$491,038	\$0	\$0		\$1,064,293
260 - DIF - WATER SUPPLY/DISTRIBUTION/HOLDING FAC	\$0	\$8,600	\$8,600	\$0	\$0	\$17,200	\$0
TBD - Cartmill Sewer/Wastewater Benefit District	\$96,893	\$580,644	\$580,644	\$0	\$0		\$1,258,180
290 - DIF - SEWAGE COL & WASTEWATER TREATMENT FAC	\$0	\$19,500	\$19,500	\$0	\$0	\$39,000	\$0
647 - Surface Water CIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0
301 - DIF - STORM DRAIN FAC	\$11,408	\$68,370	\$68,370	\$0	\$0	\$148,148	\$0
643 - LTF	\$0	\$1,800,000	\$0	\$0	\$0	\$1,800,000	\$0
Total Funding:	\$2,495,282	\$3,496,173	\$3,496,173	\$0	\$0	\$5,907,885	\$3,579,743
Total:						\$9,487,628	

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: No additional Cost
(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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
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/Implement	\$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 #EN2014-07
'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: No additional Cost
(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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
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/Impliment	\$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 / Utility 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: No additional Cost
(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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
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 / Utility 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: No additional Cost
(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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
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 - Sewar/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 / Utility project on Sacramento St. between Sonora and Pleasant; Sacramento St. between Bardsley and Elm; Pleasant 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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
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.PMS 5
Tulare Improvements
(Capital)
(Capital)
District(s): 2

PROJECT MANAGER: Nick Bartsch

PROJECT DESCRIPTION & PURPOSE: Pavement Management System / Utility 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: No additional Cost
(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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
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/Implement	\$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	\$917,065	\$0	\$1,012,867	\$ -
021 - Measure R-Local	\$0	\$0	\$0	\$563,700	\$0	\$563,700	\$ -
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	\$157,111	\$0	\$232,157	\$ -
Total Funding:	\$0	\$0	\$461,755	\$5,473,653	\$0	\$5,935,408	\$ -

TRANSPORTATION PROJECT

PROJECT #EN2016.PMS 6
Highland/Academy Tract Improvements
(Capital)
(Capital)
District(s): 4

PROJECT MANAGER:

Nick Bartsch

PROJECT DESCRIPTION & PURPOSE:

Pavement Management System / Utility 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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
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	\$863,901	\$937,989	\$0
021 - Measure R-Local	\$0	\$0	\$0	\$0	\$263,700	\$263,700	\$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	\$0
647 - Surface Water CIP	\$0	\$0	\$0	\$49,988	\$358,509	\$408,497	\$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 / Utility project on Spruce between Bardsley and Tulare; Sierra between 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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
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 / Utility 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: No additional Cost
(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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
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 / Utility 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: No additional Cost
(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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
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/Implement	\$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 / Utility 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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
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	\$ -

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					Grand Total
	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	
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					Grand Total
	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	
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: This project will increase Water Division's M & O commencing July 2018 in the amount of \$30,000 annually
(Additional Cost & Department Responsibility)

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

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 # <i>WJ 2016-2</i>
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: This project will increase Water Division's M&O commencing July 2019 in the amount of \$10,000 per basin annually.
(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							
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 # <i>WT 2016-3</i>
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: The ongoing M&O expense related to this project is already included in Water Division's annual M&O budget.
(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							
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 # <i>W+2016-4</i>
	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 # <i>WT 2016-5</i>
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: This Project will increase Water Division M&O commencing July 2018 in the amount of \$30,000 annually
(Additional Cost & Department Responsibility)

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 # <i>W4 2016-6</i>
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: The ongoing M&O expense related to this project is already included in Water Division's annual M&O budget
(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							
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 <i>WT 2016-7</i>
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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
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 <i>WT 2016-8</i>
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: chlorine - \$5,000/year, electricity - \$80,000/year
(Additional Cost & Department Responsibility)

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 2016-9
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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/18	2018/19	2019/20	2020/21	2021/22		
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 # <i>WT 2016-10</i>
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: The ongoing M&O expense related to this project is already included in Water Division's annual M&O budget.
(Additional Cost & Department Responsibility)

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
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 # <i>WTF 2016-12</i>
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
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: This project will increase Water & Sewer Division's M & O July 2019 in the amount of \$3,000 annually
(Additional Cost & Department Responsibility)

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.

Costs Description	Fiscal Year					Total	Unfunded
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022		
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 <i>WT 2016-14</i>
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: chlorine - \$5,000/year, electricity - \$80,000/year
(Additional Cost & Department Responsibility)

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 — <i>wt 2016-15</i>
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).

Costs Description	Fiscal Year					Total	Unfunded
	2015/16	2016/17	2017/18	2018/19	2019/20		
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
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, CALIFORNIA
BOARD OF PUBLIC UTILITIES COMMISSIONERS
AGENDA ITEM TRANSMITTAL SHEET**

Submitting Department: Public Works / Water Division

For Board Meeting of: May 18, 2017

Documents Attached: Ordinance Resolution Staff Report Other None

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 presented an item to the Board 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 Soultz Mutual Water Company to the City's system. Carollo evaluated the City's water system and identified the projects needed to provide 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 requested 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 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 and completion of test well 4 located at Cartmill and Mooney, the start and completion of test well 5 located at Alpine and Nelder Grove, award of bid for the drilling of the permanent well at 1258 N. J Street with a proposed construction start date of May 30, 2017, and a revision of the timeline for the bidding and start of construction for the storage tanks and water well pumps and appurtenances.

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: May 9, 2017

City Manager Approval: _____

**Water System Development Program
May 18, 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, 2016	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.
May 2017	Plans and Specifications completed
June 2017	Construction documents out to bid
August 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, 2016	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 construction 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 7, 2017	Completed test well #4 at Cartmill/Mooney. Awaiting lab results for final design
April 14, 2017	Begin construction of test well #5 at Alpine/Nelder Grove. Estimated time frame -6 wks
April 17, 2017	Begin construction of well at 333 S. I Street
May 4, 2017	Award RFB for construction of well at 1258 N. J Street. Anticipate construction to begin in May 2017
May 4, 2017	Award well design to Cannon for Cartmill & Mooney site
May 5, 2017	Completed test well #5 at Alpine/Nelder Grove. Awaiting lab results for final design
May 30, 2017	Anticipating to begin construction of well at 1258 N. J Street

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 5

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

Submitting Department: Finance

For BPU Meeting of: May 18, 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:

Staff has changed the internal financial statements to give the BPU information that will assist in understanding the financial activity of each utility fund. Staff has added the ending cash balance for each fund to the bottom of each statement. The cash account shown does not reflect cash that is in a restricted bond trust fund. Consequently, the cash balance shown is available to pay for expenses, capital and debt repayment of the respective fund. Also, the Net Revenue (Expenditures) includes non-cash expenditure depreciation. As an example, the water fund shows a net loss of \$997,553 but the depreciation expense is \$1,024,418 so the effect on cash is an increase of \$26,865 to the 7/1/16 cash balance.

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 is allocated to the catastrophic and economic reserve fund. Over the last month, the Economic Reserve was reset to 8 years rather than the initial 5. Consequently, the service revenue by fund and the balances in cash changed in comparison to last month.

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.

STAFF RECOMMENDATION:

Accept Financial Status Report.

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

Submitted by: Darlene Thompson

Title: Finance Director

Date: May 18, 2017

Interim City Manager Approval: _____

City of Tulare
Sewer/Wastewater Utility Funds
Summary of Revenue/Expenditures -Budget to Actual
For the Ten Months Ended
April 30, 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	Annual Budget FY 2017	Actual FY 2017	
																	12 Mos	9 Mos	
Revenues:																			
Service Revenue - Operating Funds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,588,540	\$ 16,442,519	\$ -	\$ 4,058,217	\$ -	\$ 840,000	\$ 25,588,540	\$ 21,340,736
Miscellaneous Revenue												2,798,380	2,711,207					2,798,380	2,711,207
Total Revenues	-	-	-	-	-	-	-	-	-	-	-	28,386,920	19,153,726	-	4,058,217	-	840,000	28,386,920	24,051,943
Expenditures:																			
Operations																			
Salaries & Benefits	705,290	561,687	1,080,620	751,369	1,370,460	1,048,042	81,650	88,538	14,910	10,056	3,252,930	2,459,693						3,252,930	2,459,693
Maintenance & Operations	1,055,476	611,426	2,773,400	1,840,045	2,566,230	1,585,881	330,520	30,433	931,514	112,139	7,657,140	4,179,924						7,657,140	4,179,924
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	1,118,931	1,030,040	825,296	2,721,560	2,369,570	-	510,810	425,675	5,577,280	4,739,472							5,577,280	4,739,472
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	2,276,924	5,455,840	3,955,046	6,849,420	5,187,538	425,380	132,182	1,475,854	566,491	17,267,010	12,118,180	-	-	-	-	-	17,267,010	12,118,180
Net Revenue from Operations											11,119,910	7,035,545	-	4,058,217	-	840,000	(17,267,010)	11,933,762	
Other Expenditures																			
Capital Outlay																			
Special M & O	32,500	27,477	269,196	9,520	628,196	213,259					929,892	250,256						929,892	250,256
CIP Expenditures			90,000								90,000	-	872,300	118,843				962,300	118,843
Total Capital Expenditures	32,500	27,477	359,196	9,520	628,196	213,259	-	-	-	-	1,019,892	250,256	872,300	118,843	-	-	-	1,892,192	369,099
Debt Service																			
Debt Service	964,300	560,011	4,051,820	2,422,965	8,876,430	4,784,225			623,770	291,094	14,516,320	8,058,295						14,516,320	8,058,295
Total Debt Service	964,300	560,011	4,051,820	2,422,965	8,876,430	4,784,225	-	-	623,770	291,094	14,516,320	8,058,295	-	-	-	-	-	14,516,320	8,058,295
Total Other Expenditures	996,800	587,489	4,411,016	2,432,485	9,504,626	4,997,484	-	-	623,770	291,094	15,536,212	8,308,551	872,300	118,843	-	-	-	16,408,512	8,427,394
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)	\$ (1,523,006)	\$ 127,700	\$ 4,189,374	\$ -	\$ 840,000	\$ (33,675,522)	\$ 3,506,368	
Unadjusted Cash Balance at April 30, 2016												\$ 12,992,969	\$ 5,216,349	\$ 840,000	\$ 19,049,318				

The Budget shown did not take into account the rate change in October, 2016.
Expenses paid in July and August for June activities 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 Ten Months Ended
April 30, 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	Annual Budget FY 2017	Actual FY 2017
Revenues:																
Service Revenue - Operating Funds	\$ 4,705,000	\$ 3,997,724	\$ 1,639,000	\$ 1,546,057	\$ 992,260	\$ 891,005	\$ 733,100	\$ 525,006			\$ 8,069,360	\$ 6,959,792			\$ 8,069,360	\$ 6,959,792
Recycle Sales	47,000	24,800	23,350	18,927	-	-	3,500.00	3,923	\$ 6,000	\$ -	79,850	47,651			79,850	47,651
Miscellaneous Revenue									202,000	239,834	202,000	239,834			202,000	239,834
Interfund Loan Repayment									133,550		133,550	-			133,550	-
Total Revenues	4,752,000	4,022,524	1,662,350	1,564,984	992,260	891,005	736,600	528,929	341,550	239,834	8,484,760	7,247,276	-	-	8,484,760	7,247,276
Expenditures:																
Operations																
Salaries & Benefits	1,497,050	1,241,495	835,220	588,574	283,090	189,594	211,780	227,301			2,827,140	2,246,964			2,827,140	2,246,964
Maintenance & Operations	2,418,990	1,562,186	1,144,520	757,460	342,160	256,692	497,730	317,003			4,403,400	2,893,341			4,403,400	2,893,341
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	6,571									15,780	6,571			15,780	6,571
Transfers to Technology CIP	6,150	6,150									6,150	6,150			6,150	6,150
Total Operations	4,079,120	2,957,433	2,060,580	1,426,875	634,830	455,866	739,290	574,084	-	-	7,513,820	5,414,258	-	-	7,513,820	5,414,258
Net Revenue from Operations	672,880	1,065,091	(398,230)	138,110	357,430	435,139	(2,690)	(45,155)	341,550	239,834	970,940	1,833,018	-	-	970,940	1,833,018
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	\$ 931,828	\$ (492,830)	\$ 113,961	\$ 340,630	\$ 419,151	\$ (30,990)	\$ (54,324)	\$ 341,550	\$ 239,834	\$ 582,940	\$ 1,658,444	\$ (23,043)	\$ (8,556)	\$ 559,897	\$ 1,649,888
Unadjusted Cash Balance at April 30, 2016											\$ 4,419,731		\$ 431,452		\$ 4,851,183	

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

City of Tulare
Water Utility Funds
Summary of Revenue/Expenditures -Budget to Actual
For the Ten Months Ended
April 30, 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	\$ 5,392,702		\$ 1,087,671		\$ 602,893	\$ 5,845,600	\$ 7,083,265
Drought Surcharge												316,780	186,650					316,780	186,650
Water Recharge Component												450,000	164,754					450,000	164,754
Water Waste Fees												60,000	25,825					60,000	25,825
Miscellaneous Revenue												958,580	606,704					958,580	606,704
Total Revenues	-	-	-	-	-	-	-	-	-	-	7,630,960	6,376,635	-	1,087,671	-	602,893	7,630,960	8,067,198	
Expenditures:																			
Operations																			
Salaries & Benefits	400,340	294,949	848,940	643,030	195,020	148,338	136,820	106,915	22,560	16,662	1,603,680	1,209,894					1,603,680	1,209,894	
Maintenance & Operations	521,200	305,430	680,220	659,043	1,712,220	987,377	267,760	110,928	1,399,080	1,015,199	4,580,480	3,077,978					4,580,480	3,077,978	
Annual Admin, Franchise & IT Fees	136,240	130,651	1,400	-	3,000	-	-	-	-	-	140,640	130,651					140,640	130,651	
Depreciation	11,750	6,271	951,890	821,778	202,750	196,369	-	-	-	-	1,166,390	1,024,418					1,166,390	1,024,418	
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	744,651	2,482,450	2,123,851	2,112,990	1,332,084	404,580	217,843	2,085,040	1,695,261	8,161,940	6,113,690	-	-	-	-	8,161,940	6,113,690	
Net Revenue from Operations											(530,980)	262,945	-	1,087,671	-	602,893	(530,980)	1,953,508	
Other Expenditures																			
Capital Outlay																			
Special M & O	252	13,277	-	-	34,300	30,043	-	-	-	-	34,552	43,320					34,552	43,320	
CIP Expenditures			484,500	278,224	-	-	-	-	-	-	484,500	278,224	1,659,156	1,844,528			2,143,656	2,122,752	
Total Capital Expenditures	252	13,277	484,500	278,224	34,300	30,043	-	-	-	-	519,052	321,544	1,659,156	1,844,528	-	-	2,178,208	2,166,072	
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	484,500	186,675	34,300	30,043	-	-	-	-	1,516,572	1,106,533	1,659,156	1,844,528	-	-	3,175,728	2,951,061	
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)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (3,047,552)	\$ (1,093,588)	\$ (659,156)	\$ (506,857)	\$ -	\$ 602,893	\$ (3,706,708)	\$ (997,553)	
Unadjusted Cash Balance at April 30, 2016											\$ 3,663,937	\$ 267,553	\$ 602,893			\$ 4,534,383			

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

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: May 18, 2017

Documents Attached: Ordinance Resolution Staff Report Other None

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
Apr-17	31.95	-	-	-	54.57	42.07	21	646	306
Mar-17	31.95	0.31	9.95	14.33	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

Date: May 18, 2017

Title: Interim City Manager

City Manager Approval: _____

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

Submitting Department: Public Works

For Board Meeting of: May 18, 2017

Documents Attached: Ordinance Resolution Staff Report Other None

AGENDA ITEM:

Receive the Public Works performance reports for April 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

Overall fleet availability improved from 76% in March to 82% in April. Each division met its availability target except for Commercial. In the Commercial division, Unit 5570 was down for repair the entire month and is currently having the floor replaced. That division has only 8 units in its fleet, and with 1 unit down for an extended period brings the overall availability down from 81% to 71%. Availability is measured in 'Route Days' – the total number of days in the month a vehicle is available to service a route divided by the total number of days with routes that require service.

Water

Water delivery, or water "sold", in March 2017 was increased by 15.2 million gallons (5%) as compared to March 2016. Recall that water delivery volumes lag by a month due to availability of billing data. Water production was increased by 11.4 million gallons (3%) in April 2017 as compared to April 2016. Total water maintenance man hours are increased compared to April of 2016 primarily because the meter readers have been placed under the direction of the Water Division staff which were previously under the direction of the Finance department. This shows in the increase in Finance services hours. Meter Replacement hours are also increased in comparison with the previous year due to the implementation of the meter replacement program which was not implemented in April 2016.

Conservation

On April 7, 2017, Governor Brown released Executive Order B-40-17 lifting the drought emergency in all counties except Fresno, Kings, Tulare and Tuolumne counties. In response, effective April 26, the State Water Board rescinded any mandatory conservation standards, but retained mandatory monthly reporting and existing prohibitions against wasteful practices. For this reason, staff has removed the conservation target of 20% from the BPU reporting dashboard. Staff is continuing to report gallons per capita data (GPCD) and Residential-GPCD

to the BPU as they have been identified by the state as the direction that long term conservation requirements from the state are going. Both are measurements of water use efficiency rather than measurements of reduction such as the recent mandatory 20% reduction regulation.

Gallons per capita data (GPCD) is a broad measurement of total potable water production throughout the city. It does not separate residential use from industrial use or any other category. Currently SBX7-7 is a 2009 legislation that was enacted to increase water use efficiency and reduce per capita urban water use by 20% by 2020. The city of Tulare, and nearly the entire state, had met these goals as the result of the conservation mandate in recent years. The City's target for 2020 was 242.4 GPCD.

Residential gallons per capita per day is a measurement that is required to be reported as part of the monthly report that the Water division submits to the state. Instead of looking at total potable water production throughout the city, it focuses on water use specifically by the residential sector. There is not currently a target associated with this measurement. Executive Order B-37-16 was released in May 2016 and directs the State Department of Water Resources to develop plans for implementing long term conservation regulations that target water use efficiency and sustainability as the end goals rather than simply reduction of water use. The proposed regulations are still under review, several components requiring additional authority that can only be granted by new legislation which has not yet been passed. As of right now, there is no mandatory conservation either measured by efficiency or reduction, but they will be coming within the next 1 to 2 years, and the state has identified that these measures, GPCD and Residential – GPCD, will be key components to that future regulation.

Collections

In April, the Collections division was productive, cleaning nearly 40,000 feet of collection lines. The video inspection was limited to only 300 feet due to the camera equipment being down for repairs. In response to ongoing issues with the existing camera equipment, staff has coordinated with project management to move up a capital purchase of a new camera truck from FY 18/19 to FY 17/18. Once approved as a part of the projects budget, it can be purchased starting July 1, 2017. Collections staff also worked diligently assisting Project Management in closing out project SW0003, Sierra Lift Station Pump replacement. In addition to the project defined pump replacements, the Collections Crew rebuilt the surrounding structure to bring it up to OSHA standards and reduce future maintenance, such as painting, by utilizing stainless steel.

Waste Water Treatment Plant

In April, the WWTP performed to standards and exhibited good efficiency metrics for BOD, TSS and Ammonia. The WWTP had a sample average of 22 mg/l for BOD, which maintains the existing permit. Overall, the influent pH on both the Domestic and Industrial sides of the plant have been below the minimum limit identified in city ordinance.

Operationally, the WWTP completed 15 corrective work orders and 329 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, 134 of the work orders were completed for the Domestic side of the facility and 210 for the Industrial side, 39% and 61% respectively. The gross total monthly

influent and effluent volumes for both the Domestic and Industrial facilities decreased (14MG) over March to a total of 332.6 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:

Receive the Public Works performance reports for April 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

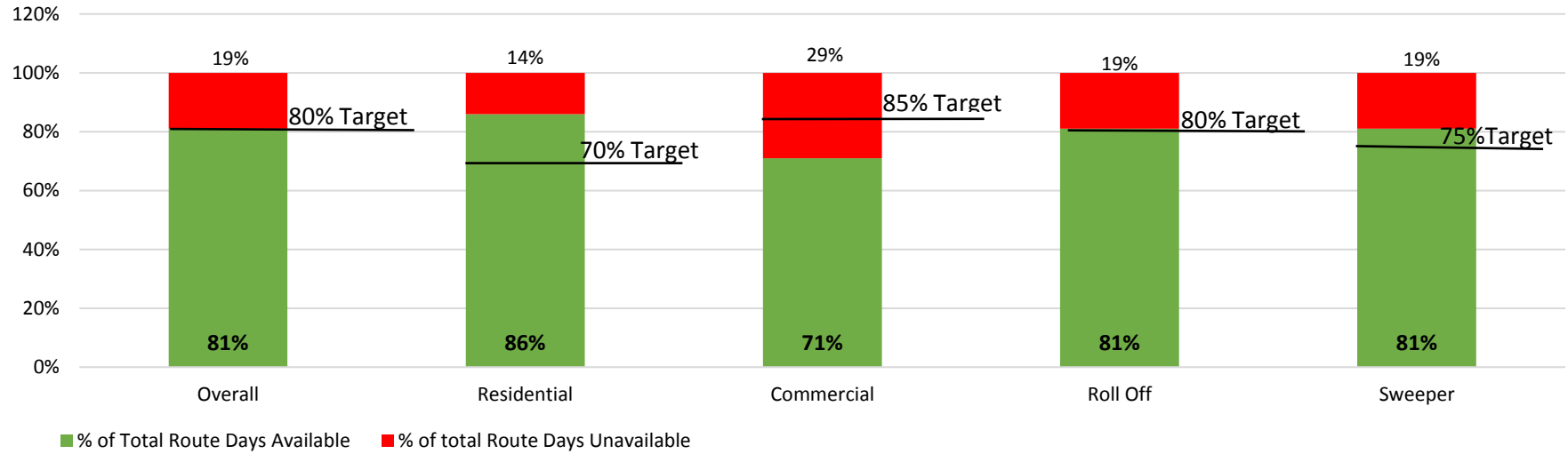
Title: Management Analyst

Date: May 18, 2017

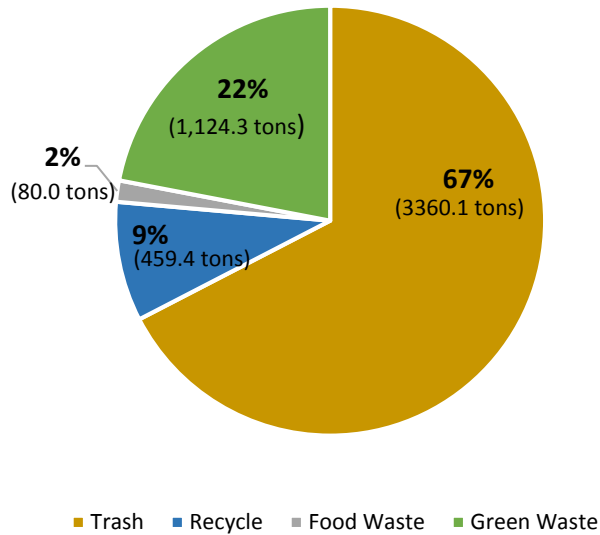
City Manager Approval: _____

**City of Tulare Solid Waste Dashboard
April 2017**

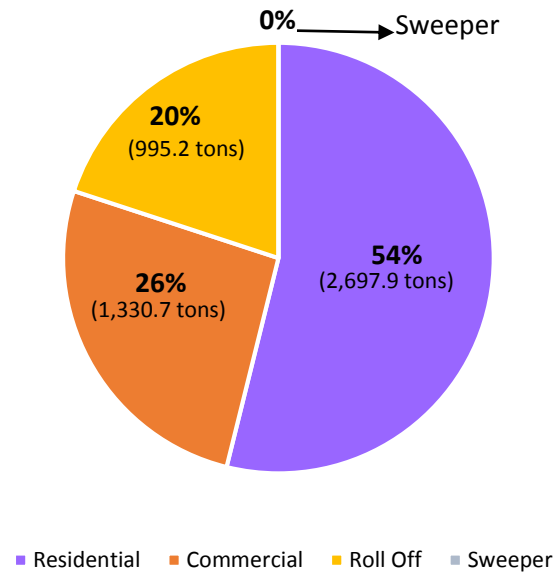
Route Day Availability



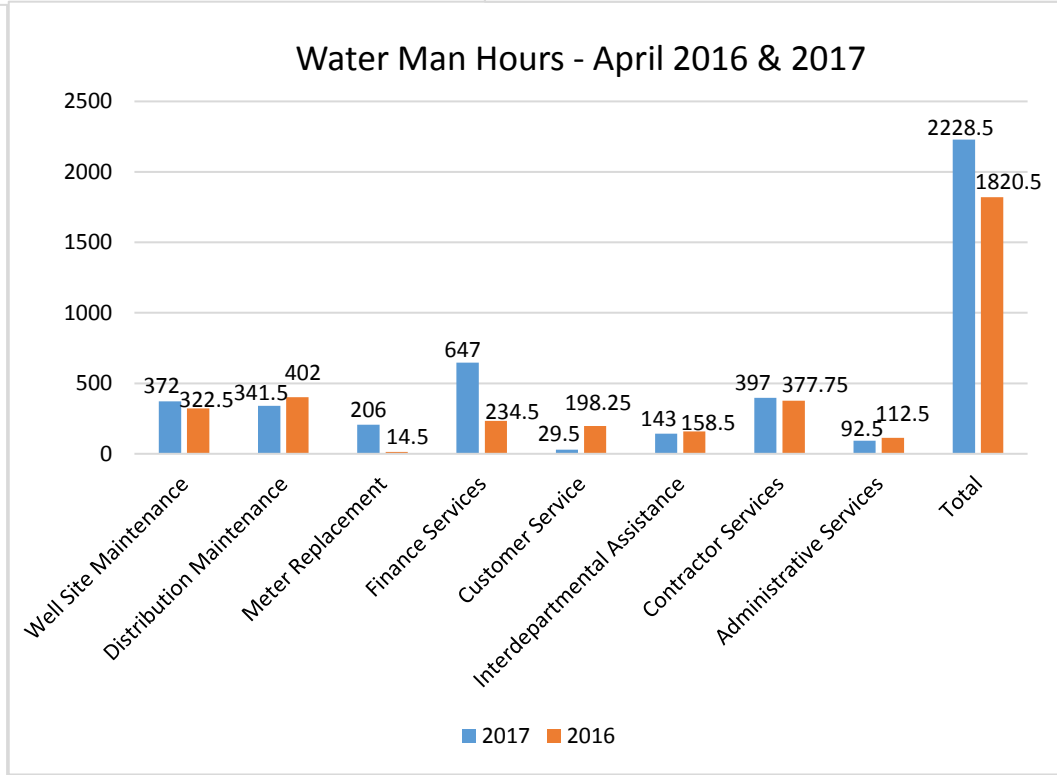
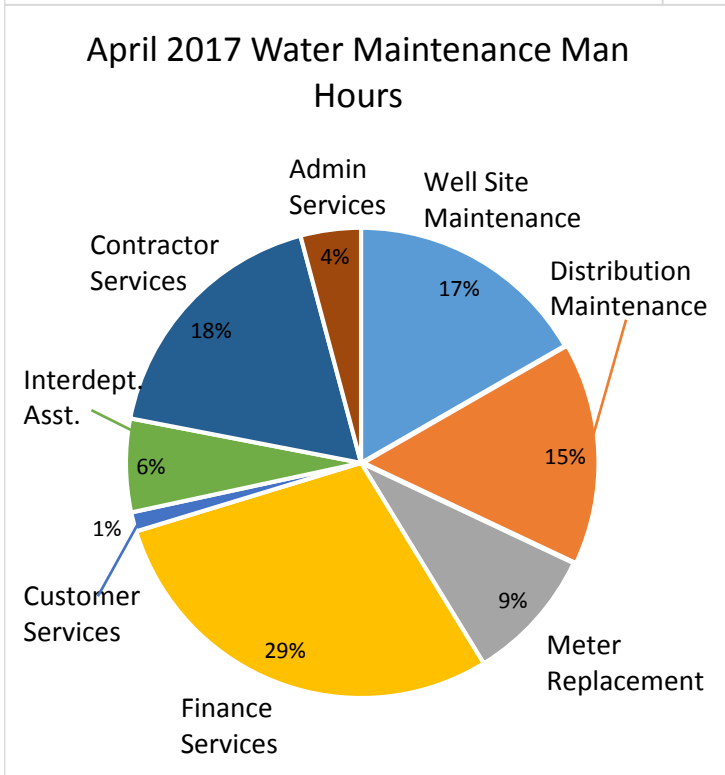
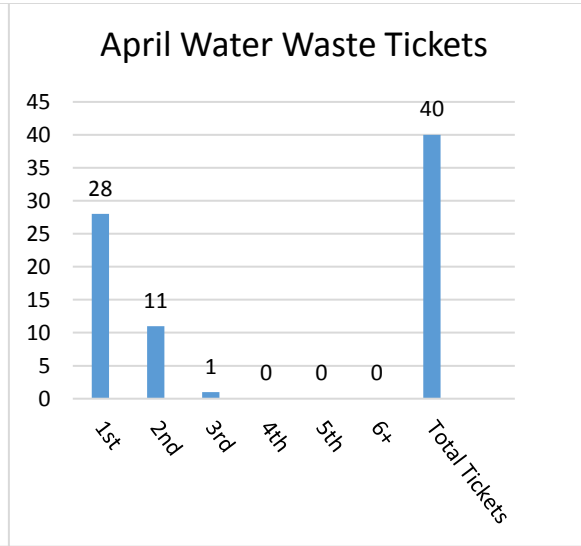
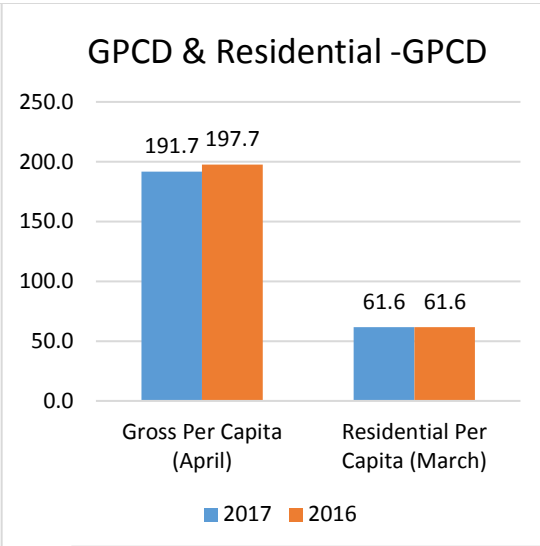
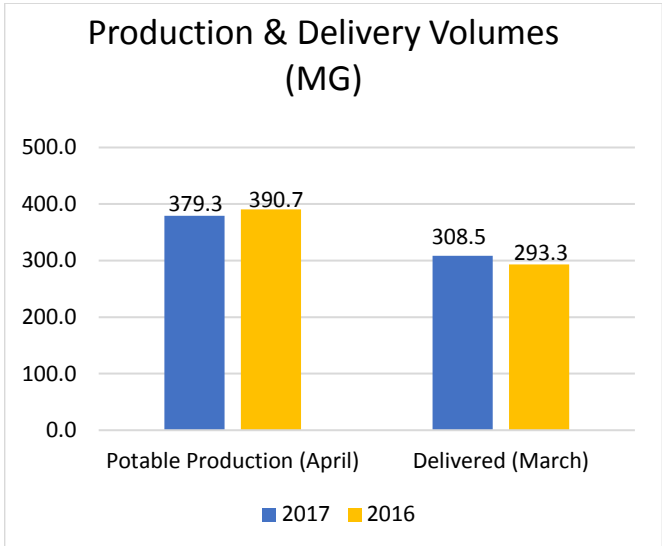
Tonnage by Type



Tonnage by Division

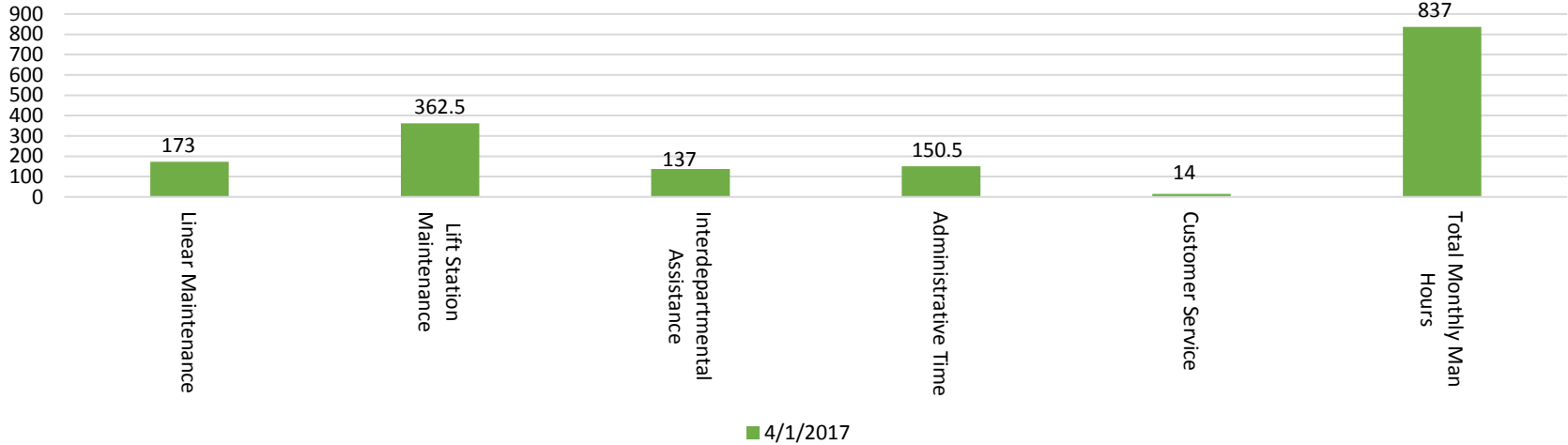


**City of Tulare Water Division
April 2017 Dashboard**

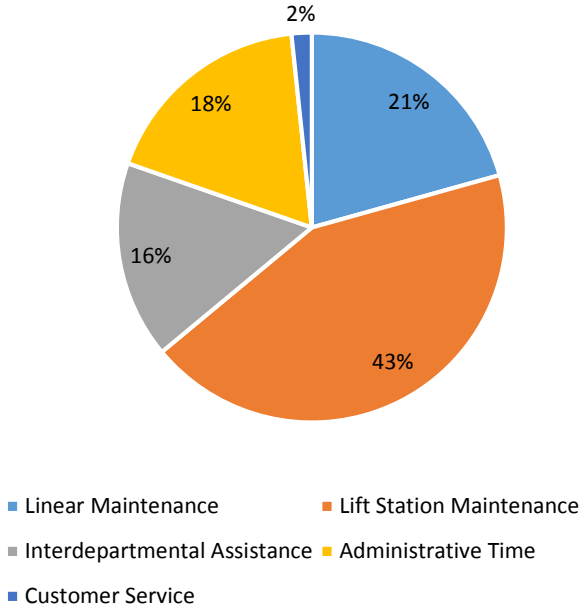


**City of Tulare Sewer Collections Division
April 2017 Dashboard**

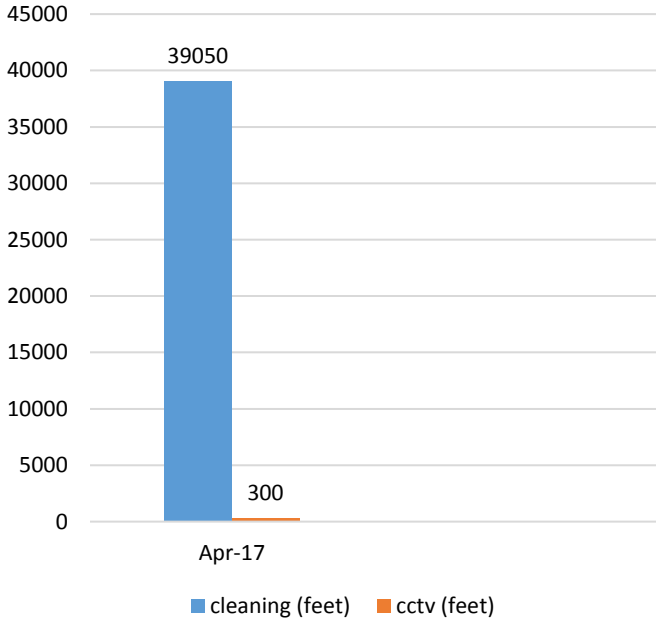
April 2017 Man Hours



March 2017 Man Hour Distribution



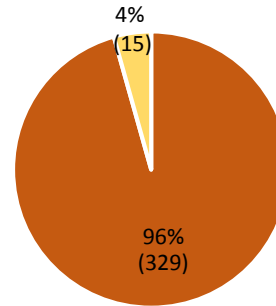
Linear Maintenance Footage



**City of Tulare WWTP Division
April Dashboard**

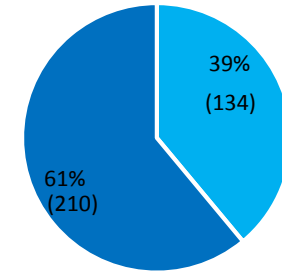
Compliance				
	BOD <40mg/l	TSS <40mg/l	Ammonia <10mg/l	Nitrogen <10mg/l
Efficiency	99%	98%	99%	95%
Sample Avg (mg/l)	22	15.6	0.5	4.6
Air Permits		Influent (MG)	Domestic	Industrial
# of Permits	20	Daily Avg	4.05	7.03
# Compliant	20	Total Month	121.58	211.04
		Daily Peak	5.22	10.61
		Effluent (MG)		
		Combined	332.62	

Preventative and Corrective Maintenance Work Orders



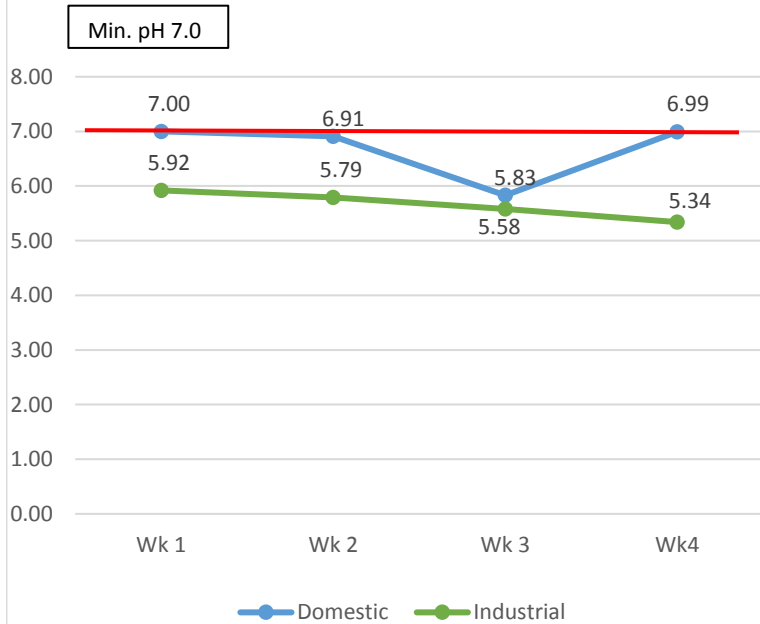
■ Preventative Maintenance
■ Corrective Maintenance

Domestic and Industrial Maintenance Work Orders

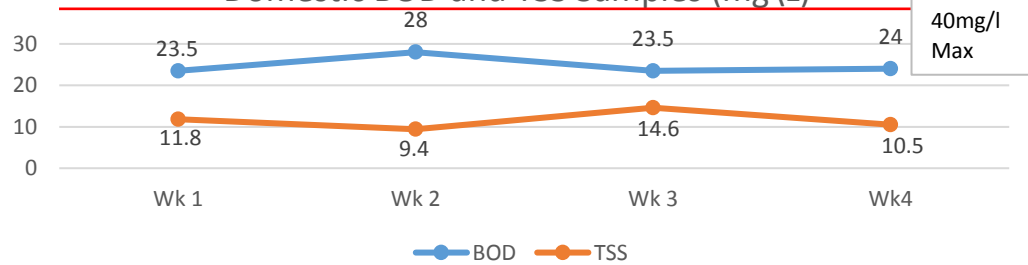


■ Domestic ■ Industrial

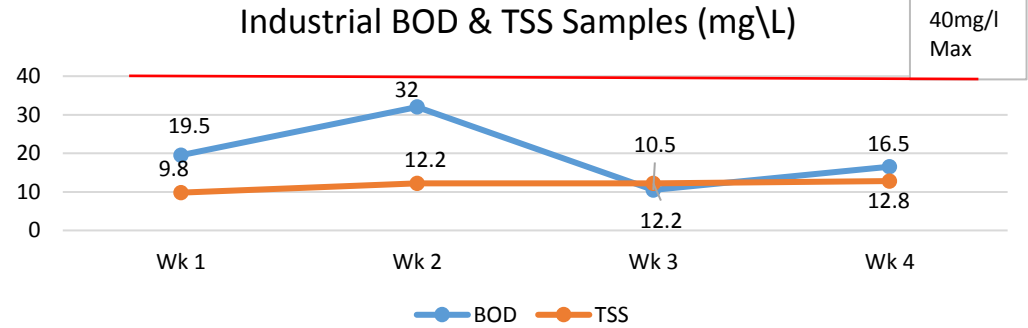
Domestic & Industrial pH



Domestic BOD and TSS Samples (mg/L)



Industrial BOD & TSS Samples (mg/L)



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

Submitting Department: City Manager

For Board Meeting of: May 18, 2017

Documents Attached: Ordinance Resolution Staff Report Other None

AGENDA ITEM:

Appoint one representative and one alternate to the Kaweah River Basin Integrated Regional Water Management Group Governing Board and Stake Holder Advisory Group.

IS PUBLIC HEARING REQUIRED: Yes No

BACKGROUND/EXPLANATION:

For many years, the City has participated in the process of drafting an Integrated Regional Water Management Plan (IRWMP) acceptable to the State. The primary motivation for completing this plan was for the region to be eligible for state grant funding for basin preservation and enhancement projects. The Board has previously approved the Memorandum of Understanding (MOU) agreement and several amendments with Kaweah Delta Water Conservation District and others towards the governance and financing structure to complete this effort.

The primary motivation for participating in the plan continues to be to secure grant funding for regional basin projects. However, with changes in state groundwater law and grant funding requirements, these plans become more relevant with regard to land use and economic planning for all residents.

STAFF RECOMMENDATION:

Appoint one representative and one alternate to the Kaweah River Basin Integrated Regional Water Management Group Governing Board and Stake Holder Advisory Group.

CITY ATTORNEY REVIEW/COMMENTS: Yes N/A

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

Submitted by: Joseph V. Carlini

Title: Interim City Manager

Date: May 8, 2017

City Manager Approval: _____

AGENDA ITEM: Gen. Bus. 2

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

Submitting Department: General Services / Property Management

For Board Meeting of: May 18, 2017

Documents Attached: Ordinance Resolution Staff Report Other None

AGENDA ITEM:

Discussion of the request by Colony Energy Partners–Tulare LLC (“Colony”), and the City of Tulare (“City”) to extend the Entitlement Period of the Property Lease entered into on May 11, 2015.

IS PUBLIC HEARING REQUIRED: Yes No

BACKGROUND/EXPLANATION:

On May 11, 2015 the City entered into a ground lease agreement with Colony for property adjacent to the Waste Water Treatment Plant, APN # 174-040-006-000. Colony plans the construction of a Digester facility on that leased site. The ground lease allowed a reduced lease rate during the initial 12 month period of the lease, (“Entitlement Period”), to allow Colony to obtain all of the necessary entitlements and municipal and county approvals to begin construction.

The lease rate during that Entitlement Period is \$833.00 per month. The lease rate was to increase to \$5,250.00 per month at the end of the 12 month Entitlement Period with the anticipation of the Digester project construction being under way.

In May of 2016, Colony requested, and was granted a one time, 12 month extension to the Entitlement Period of the ground lease at the reduced lease rate as it continued to seek the required permits and approvals to begin construction of the Digester facility.

At the Board of Public Utilities meeting of May 4, 2017 the Board approved an additional 30 day extension to the Entitlement Period, done as a “Second Amendment to Lease” that extends the Entitlement Period 30 days to June 11, 2017.

Colony has an approved Conditional Use Permit (CUP) for its facility with the City valid until 06/13/2019, and requires only building permits to be issued to start construction.

STAFF RECOMMENDATION:

Staff is not recommending a third extension to the Entitlement Period of the Lease between Colony Energy Partners–Tulare LLC and the City of Tulare at the reduced lease rate.

CITY ATTORNEY REVIEW/COMMENTS: Yes No N/A

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

FUNDING SOURCE/ACCOUNT NUMBER:

Signed: Steve Bonville, General Services Director

Date: May 05, 2017

City Manager Approval: _____

SECOND ADDENDUM TO LEASE

WHEREAS, the City of Tulare ("City") entered into a lease agreement ("Lease") with Colony Energy Partners-Tulare LLC ("Tennant") on May 11, 2015, ("Lease Commencement Date").

WHEREAS, the Lease Entitlement Period was to be completed by the Tennant within 12 months of the Lease Commencement Date and Tennant was to have obtained all of the necessary entitlements, municipal and county approvals and has failed to do so.

WHEREAS, both parties agreed to a one time extension, and executed an "Addendum to Lease" on April 20, 2016 to extend the Entitlement Period, for additional 12 months to terminate 24 months from the Lease Commencement Date, and Tennant was to have obtained all of the necessary entitlements, municipal and county approvals and has failed to do so.

WHEREAS, the Board of Public Utilities for the City at its meeting of May 04, 2017 agreed to a second extension to the Entitlement Period for an additional 30 days, to terminate 25 months from the Lease Commencement Date.

NOW, THEREFORE, IT IS HEREBY AGREED AS FOLLOWS:

1. Payments of \$833.00 per month will continue for the entire Entitlement Period and the Tennant will obtain all of its entitlements, municipal and county approvals within 25 months or sooner from the Lease Commencement Date.
2. This Second Addendum does not change any other terms or conditions of the Lease and the Lease Agreement made and entered into by and between the City of Tulare and Colony Energy Partners-Tulare LLC on May 11, 2015 shall continue to remain in full force and effect.

THIS SECOND ADDENDUM TO LEASE IS ENTERED INTO ON THIS 5 DAY OF MAY, 2017 AT TULARE CALIFORNIA.

City of Tulare

Colony Energy Partners-Tulare LLC

By: _____

By: [Signature] mar

ATTEST:

By: _____
Chief Deputy City Clerk

**Colony Lease Payment Schedule
Against Deposit**

05/11/15			35,000.00	Deposit
05/11/15	\$564.27	\$	34,435.73	
06/01/15	\$833.00	\$	33,602.73	
07/01/15	\$833.00	\$	32,769.73	
08/01/15	\$833.00	\$	31,936.73	
09/01/15	\$833.00	\$	31,103.73	
10/01/15	\$833.00	\$	30,270.73	
11/01/15	\$833.00	\$	29,437.73	
12/01/15	\$833.00	\$	28,604.73	
01/01/16	\$833.00	\$	27,771.73	
02/01/16	\$833.00	\$	26,938.73	
03/01/16	\$833.00	\$	26,105.73	
04/01/16	\$833.00	\$	25,272.73	
05/01/16	\$833.00	\$	24,439.73	
06/01/16	\$833.00	\$	23,606.73	
07/01/16	\$833.00	\$	22,773.73	
08/01/16	\$833.00	\$	21,940.73	
09/01/16	\$833.00	\$	21,107.73	
10/01/16	\$833.00	\$	20,274.73	
11/01/16	\$833.00	\$	19,441.73	
12/01/16	\$833.00	\$	18,608.73	
01/01/17	\$833.00	\$	17,775.73	
02/01/17	\$833.00	\$	16,942.73	
03/01/17	\$833.00	\$	16,109.73	
04/01/17	\$833.00	\$	15,276.73	
05/01/17	\$833.00	\$	14,443.73	
06/01/17	\$833.00	\$	13,610.73	
07/01/17	5,250.00	\$	8,360.73	
08/01/17	5,250.00	\$	3,110.73	
09/01/17	5,250.00	\$	(2,139.27)	
10/01/17	5,250.00	\$	(7,389.27)	
11/01/17	5,250.00	\$	(12,639.27)	
12/01/17	5,250.00	\$	(17,889.27)	

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

Submitting Department: Public Works – Waste Water Treatment Plant

For Board Meeting of: May 18, 2017

Documents Attached: Ordinance Resolution Staff Report Other None

AGENDA ITEM:

Board to receive and review the Biogas Project History, current status of negotiations with RFP respondents, and a recommendation not to extend or amend the current lease agreement nor enter into renegotiations with Colony Energy Partners, LLC.

IS PUBLIC HEARING REQUIRED: Yes No

BACKGROUND/EXPLANATION:

The City's Waste Water Treatment Plant (WWTP) produces biomethane (biogas) as a byproduct of the waste water treatment process. Acknowledging that there is operational and financial value to improving the way the WWTP utilizes the biogas as a resource rather than waste, the City of Tulare released a Request For Proposals (RFP) in February 2015 to find a partner to assist the City with optimizing the use of the biogas and/or produce low cost electricity for the WWTP to offset electricity produced from Southern California Edison.

In March 2015, the City released an RFP for an engineering firm to assist in developing a 10 Year Energy Plan and specific projects related to the implementation of that plan. Hydrosagritech, Inc. was awarded that engineering contract in July 2015 and immediately assisted in drafting an amendment to the original biogas RFP due to errors found in the original document. That amended RFP was released in January of 2016 to only those proposers responsive to the first RFP. The City received proposals from the five proposers, each of whom submitted modified responses to the addendum:

- California Power Partners, Inc.
- Colony Energy Partners, LLC
- Fuel Cell Energy, Inc.
- Maas Energy Works, Inc.
- Unison Energy, LLC

After careful review, the Public Works Director selected Colony Energy Partners, LLC (CEP) as well as Fuel Cell Energy, Inc. (FCE) for further consideration. Staff returned their findings to the BPU on April 21, 2016 and requested Board approval to negotiate further with both companies. Staff then presented both proposals to the Board. During negotiations, a concern was raised during the analysis of the CEP's proposal. Identified in the April 21, 2016 staff transmittal, the following was stated:

“The greatest risk to the City is likely to be that the project is not realized because of the number of contingencies, the large number of parties involved and the contingent nature of the agreements underpinning the project. Any delays will stretch the estimated 2 years before the project can be commissioned. Should the project fail to be funded, the City has been set back in its efforts to productively use the biogas at the WWTP...”

The board approved to move forward with negotiations with both parties.

Over the proceeding months, the City continued negotiations and discussions with both parties. During discussion with CEP, a technical concern was raised over the operational validity of the existing City owned biogas processing skid. To determine if the skid could be utilized in future biogas projects, the City needed to perform an evaluation on the biogas scrubbing equipment to see if it would perform to meet Title 22 requirements for the CEP project. A letter suspending negotiations during this evaluation period was sent to CEP on July 18, 2016 because the outcome of that evaluation was believed to be *“...material to the city’s position in negotiating a final agreement with Colony energy Partners, LLC.”*

On August 2, 2016, the City submitted another letter to CEP that inquired about the progress of CEP finalizing the project financing while the biogas processing equipment was being evaluated. In this letter, the City indicated that negotiations may resume once the biogas equipment evaluations was completed. *“Your responses will assist us to expedite our negotiations once we resume.”* CEP submitted a letter dated August 3, 2016, the following day, stating *“...Colony reluctantly withdraws effective August 15, 2016, our proposal to purchase the City’s WWTP biogas.”* Among the reasons cited were the *“long delays to date”* and *“current uncertainty regarding the City of Tulare’s objectives...”*

After receiving CEP’s withdrawal from negotiations, staff submitted a transmittal to the BPU on August 18, 2016 requesting further direction regarding expanding negotiations with FCE and requesting authorization to begin negotiations with a third proposer from the amended biogas RFP. The withdrawal correspondence was also submitted to the Board with this item.

The BPU agreed and provided direction for the City to enter negotiations with FCE and MAAS, and on February 16, 2017, staff presented proposals and an analysis of both FCE and MAAS projects to the board. Staff recommended to move forward with negotiations with FCE because their project would produce \$4 million more revenue than the MAAS project and was projected to be online 6 to 8 months sooner than the MAAS project; this would maximize revenue generation.

The transmittal from February 16, 2017 also addressed the possibility of entertaining a revised proposal from CEP:

Other Proposals

Colony Energy Partners has requested an opportunity to provide a revised proposal to the City under this RFP despite its written withdrawal. The withdrawn proposal of Colony Energy Partners offered less money per MMBtu than current active proposals and, after several requests, CEP failed to demonstrate the financial competence necessary to complete the project.

On page six of the original RFP, it addresses withdrawal by a proposer. It allows a proposer to withdraw 60 days after submission. Colony did this in writing and the City acknowledged and accepted the withdrawal in a public forum at the BPU meeting. The RFP does not address an opportunity for the proposer to again become a qualified proposer after its withdrawal. There is no mechanism in the RFP to allow a proposer to reenter the competition and if allowed, would raise the question of fairness.

Prudent practice dictates that if the City should entertain a revised proposal from Colony Energy Partners, all currently active proposals should be voided by the City and a new RFP issued. It is estimated that this process may take up to an additional year and delay project completion by an even greater amount of time.

The board approved staff's request to continue to negotiate with FCE. As it stands today, the City is completing negotiations with FCE as the MAAS proposal was not recommended. As stated in the RFP and in previous staff transmittals that underwent legal review, there is no mechanism in the current RFP that would allow any proposer to resubmit and re-enter negotiations after withdrawing from negotiations.

The Board may give direction to void any active proposals and re-issue a new RFP; however, the cost of doing so will be the additional time required to re-issue a new RFP and diligently evaluate any new proposals. The new RFP would necessarily be a brand new document that will need to be created to account for any changed conditions on the site for the benefit of any new proposals, which would all include a cost. The financial opportunity cost would be a minimum of \$900,000 over the course of 1 year minimum delay, the anticipated base revenue of FCE's current proposal. That amount may be higher should the RFP re-issuing, evaluation and award take longer than 1 year. Such an action would also introduce risk in the form of additional potential fines resulting from flaring the biogas at the WWTP, should it be necessary, as well as the potential for litigation from other active respondents to the original RFP.

STAFF RECOMMENDATION:

Board to receive and review the Biogas Project History, current status of negotiations with RFP respondents, and a recommendation not to extend or amend the current lease agreement nor enter into renegotiations with Colony Energy Partners, LLC.

CITY ATTORNEY REVIEW/COMMENTS: Yes No N/A

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

FUNDING SOURCE/ACCOUNT NUMBER:

Signed: Joseph V. Carlini

Title: Interim City Manager

Date: May 12, 2017

City Manager Approval: _____