

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

August 18, 2016

A regular meeting of the Board of Public Utilities Commissioners, City of Tulare, was held on Thursday, August 18, 2016, at 3:00 p.m., in the Tulare Public Library & Council Chambers.

BOARD MEMBERS PRESENT: Lee Brehm, Philip Smith, Edward Henry, Dick Johnson

STAFF PRESENT: Paul Melikian, Joe Carlini, Michael Miller, Darlene Thompson, Trisha Whitfield, Rob Hunt, Steve Bonville, Nick Bartsch, Benjamin Siegel, Josh Rogers, Tim Doyle, Frank Rodriguez, Bruno Huerta, Shonna Oneal

I. CALL TO ORDER REGULAR SESSION:

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

II. PLEDGE OF ALLEGIANCE:

President Brehm led the Pledge of Allegiance.

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

There were no citizen comments presented.

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

President Brehm adjourned to closed session at 3:01 p.m. for items as noted by Deputy City Manager Paul Melikian.

- a) **54956.8 Conference with Real Property Negotiators**
Property: Location on Waste Water Treatment Plant Property
Under negotiation: Terms and conditions of potential lease for operation of energy producing facility.
Agency Negotiator: Paul Melikian, Martin Koczanowicz, Joe Carlini, Steve Bonville
Negotiating party: Fuel Cell Energy

V. RECONVENE CLOSED SESSION:

President Brehm reconvened from Closed Session at 3:36 p.m.

VI. CLOSED SESSION REPORT (if any):

President Brehm advised that there were no reportable actions.

VII. COMMUNICATIONS:

There were no items for this section on the agenda.

VIII. ELECTION AND REORGANIZATION OF OFFICERS (PRESIDENT AND VICE PRESIDENT) FOR THE BOARD OF PUBLIC UTILITIES:

Following discussion, it was the consensus of the Board to defer this item until December 2016 pending the outcome of the election race and a full Board being seated.

IX. CONSENT CALENDAR:

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

(1) Approve minutes of the July 21, 2016 regular/special meeting(s).

(2) Accept June Investment Report.

(3) Accept Financial Status Report.

(4) Accept Public Works Comparator Tool update reflecting projected versus actual data. Board Member Henry pulled this item for clarification on the water pressure numbers reflected on the report. Public Works Director Joe Carlini and Water and Wastewater Collections Utility Manager Tim Doyle explained the drop in pressure was related to a power outage.

(5) Accept Public Works work performance reports for July 2016. Board Member Henry pulled this item for clarification regarding the Total Organic Carbon (TOC) numbers reflected on the dashboard. Public Works Director Joe Carlini explained the TOC number is not a requirement for the State and that it is included on the dashboard for the Board's information.

(6) Accept Water System Development Program update. Board Member Johnson pulled this item for clarification on the Water System Development Program. Field Services Manager Trisha Whitfield provided a response thereto. Board Member Henry inquired about the status of the grant being submitted to the State and Ms.

Whitfield advised the grant application will be submitted by the end of the next week.

Following a brief discussion, it was moved by Board Member Henry, seconded by Board Member Johnson and unanimously carried to approve Consent items 4, 5, and 6 as presented.

X. GENERAL BUSINESS:

- (1) Review the findings of a water system analysis of Phase 1 of the proposed Willow Glen subdivision located at the northeast corner of Cartmill Avenue and De La Vina Street, and consider a request by the Developer, Willow Glen Partners, to allow 62 new connections to the City water system, or alternatively provide staff with direction regarding a development agreement proposal to allow the Developer to construct water supply capacity improvements to serve the project.** City Engineer Michael Miller advised the Board that this item was pulled at the request of the Developer and will be returned to the Board at a later date.
- (2) Consider award of a contract to Carollo Engineers of Fresno, CA in the amount of \$499,027.00 for water storage tank design and construction support services and authorize the City Manager to approve contract change orders in an amount not to exceed 10% (\$49,902.70) of the contract award amount.** Field Services Manager Trisha Whitfield provided a report for the Board's review and consideration. The Board raised questions and staff provided responses thereto. Board Member Johnson expressed concern with change orders. Deputy City Manager Paul Melikian assured the Board that change orders will be carefully reviewed and the Board will be updated should change orders occur during the project. Following discussion, it was moved by Vice President Smith, seconded by Board Member Henry and carried 3 to 1 (Board Member Johnson voting no) to approve the item as presented.
- (3) Provide staff with direction regarding calculation of front foot and lateral fees collected at time of connection to City sewer.** City Engineer Michael Miller provided a report for the Board's review and consideration. The Board raised questions and staff provided responses thereto. Following discussion, it was the consensus of the Board to instruct staff to cap the amount of interest charged at time of connection to City Sewer to no more than 50% of the actual connection fee.

Frank Daniels addressed the Board at the beginning of General Business regarding this item and his concern regarding the amount of interest being charged on his sewer connection fee. The Board requested staff work with Mr. Daniels to help resolve the issue presented.

- (4) Review and adopt the Ten Year Energy Plan.** Chris Ott of Hydros Agritech provided a PowerPoint slide presentation highlighting the features of the Ten Year

Energy Plan. Following discussion, it was moved by President Brehm, seconded by Vice President Smith and unanimously carried to adopt the Ten Year Energy Plan as presented.

This item was advanced to General Business 2 to accommodate the consultant's schedule.

(5) Receive update on Biomethane project negotiations, provide direction on expanding negotiations with Fuel Cell Energy, and/or authorize staff to begin negotiations with the third proposer selected from the Request for Proposals bids for the utilization of Bio Gas. Deputy City Manager Paul Melikian provided a report for the Board's review and consideration. Public Works Director Joe Carlini provided additional information regarding this item. The Board raised questions and staff provided responses thereto. Kent Hawkins addressed the Board on behalf of Colony Energy regarding the status of their project. Following discussion, it was the consensus of the Board to move forward with negotiations with the third proposer on the Request for Proposals of bids for the utilization of Bio Gas.

(6) Safety & Regulatory Compliance Program Update by Bruno Huerta, Safety & Regulatory Compliance Analyst. [Verbal presentation no written material.] Safety and Regulatory Compliance Analyst, Bruno Huerta provided a PowerPoint slide presentation highlighting the Safety and Regulatory Compliance Program.

XI. ITEMS OF BOARD INTERESTS:

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

Deputy City Clerk/Budgets Coordinator Shonna Oneal advised the Board of a current vacancy on the TID Joint Operations Committee. Following a brief discussion, it was the consensus of the Board that Vice President Smith will fill the seat.

XII. ADJOURN REGULAR MEETING:

President Brehm adjourned the regular meeting at 4:52 p.m.

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

ATTEST:

Secretary of the Board of
Public Utilities Commissioners

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

Submitting Department: City Manager's Office

For Board Meeting of: September 1, 2016

Documents Attached: Ordinance Resolution Staff Report Other None

AGENDA ITEM:

Accept Public Works Project Dashboard for September 2016.

IS PUBLIC HEARING REQUIRED: Yes No

BACKGROUND/EXPLANATION:

The Public Works Project Dashboard for September 2016 is attached reflecting the quarterly status of utility related projects highlighting the timeline, budgets, percentage complete, and notes indicating specific activity related to each project. The dashboard provides a visual summary of the overall progress of the projects for the Board's edification. Please note the following:

1. The new projects for 2016/17 fiscal year have been added to the report;
2. The projects listed as complete/cancelled were included in the June 30, 2016 batch closeout and will be removed from future project updates; and
3. Staff is also currently scoping and planning new projects as set forth in Board policies and the recently adopted rates for the next CIP cycle. This planning period for project managers should be complete in October/November 2016. Then, the projects will be approved by Department Heads and the budgets will be tabulated for presentation to the Board at future budget workshops for review and input.

Below provides background information related to the policies for projects and additional information related to the attached report.

On December 16, 2014, the Tulare City Council adopted the Tulare Project Management System Program Policy (TPMS). The goal of the TPMS is to help the City accomplish significant projects on time, within budget and according to each project's clearly defined scope. The TPMS uses a systematic approach to projects with the following goals:

- Establish consistency in how projects are managed;
- Create department 5-year project plans;
- Improve pre-planning and preparation;
- Identify and implement management policies and procedures;
- Improve project cost tracking and project;
- Formalize and improve project reporting; and
- Review and evaluate project successes or failures upon completion in order to improve on future projects.

This process is intended to help improve City staff's ability to accomplish significant projects on time, within budget and according to each project's clearly defined scope. Monthly reports are used to track progress of the projects.

Pursuant to the Board's request, staff provides quarterly Public Works Project Dashboards for all projects that affect City Utilities. The dashboards reflect the project number, project title, project phase, project manager, start date, end date, budget, expenditure/encumbrances, and notes. Most of these sections are self-explanatory, but for clarification a few will be highlighted below:

- Start Date/End Date: These dates can be modified during the project lifecycle. However, the goal is to start and complete projects on time. Keep in mind, when start or end dates change, the budget and scope may be affected by the change.
- Encumbrances/Committed: Encumbrances are drawn on the project for contracts that have been signed, but have not yet been billed. This process helps ensure the funds are not spent twice.
- Spent to Date: Spent to date are funds that have been spent on the project. As funds are spent on projects, the encumbrances/committed amounts will be reduced.

A "closed pending" category is also contained on the report. This section represents projects that have been completed, but have not been closed out of the system. A batch system is used when closing projects for better efficiency. Projects are closed every six months and will be removed from the closed pending category at that time.

The color metric contained on the dashboard reflects the current state of the project. Throughout the project's lifecycle, it may change back and forth. The key is to identify projects that are a concern, so that the project manager can work with the project team to identify solutions. If the solution involves increased budgets, or scope changes that exceed City Manager's discretion, those items will be returned to the Board for approval. Projects shown in *GREEN* are on schedule, on budget and are moving toward completion as planned. Projects shown in *YELLOW* are those projects that have issues that may affect the budget and schedule and could jeopardize the ability for the project to be completed as planned. Projects shown in *RED* are those that have serious issues that have delayed the project or will cause a significant budget overrun. Finally, projects shown in *BLUE* are those that have been completed.

STAFF RECOMMENDATION:

Accept Public Works Project Dashboard for September 2016.

CITY ATTORNEY REVIEW/COMMENTS: Yes No N/A

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

Signed: Nick Bartsch
Trisha Whitfield

Title: Project Manager
Field Services Manager

Date: August 25, 2016

City Manager Approval: 

**PUBLIC WORKS - Projects Dashboard
9/1/2016**

Project #	Project Title	Project Phase*	Project Manager	Start Date	End Date	Budget	Encumbered/Committed	Spent to Date	Percentage Complete	Notes
sd0012	Storm Drain Improvements (Basin)	CI-050	Trisha Whitfield	Projected: 5/20/15	Projected: 12/31/15 Revised: 6/30/16	\$250,000.00	\$16,571.76	\$219,372.66	95%	Project complete pending final invoice.
sd0016	Bardsley & West SD Lift Station - Electrical Panel Upgrade	CI-050	Trisha Whitfield	Projected: 7/1/2015	Projected: 6/30/16 Revised: 6/30/17	\$90,000.00		\$438.96	0%	Staff is evaluating upgrades. May revise scope of project.
sd0017	Bardsley & E - Storm Drain Lift Station	CI-050	Trisha Whitfield	Projected: 7/1/2016	Projected: 6/30/2017	\$95,000.00			0%	Staff is evaluating upgrades. May revise scope of project.
sd0018	M & College - SD Lift Station Electrical	CI-050	Trisha Whitfield	Projected: 7/1/2016	Projected: 6/30/2017	\$95,000.00			0%	Staff is evaluating upgrades. May revise scope of project.
wt0016	Rehab Electrical Panel Well 22	CI-050	Trisha Whitfield	Projected: 7/1/2015 Revised: 11/15/15	Projected: 6/30/16 Revised: 3/31/17	\$40,000.00		\$509.87	5%	Design of electrical upgrade underway. Should be out to bid by November 2016.
wt0018	VFD Replacement (15/16 \$144,500; 16/17 \$124,500)	CI-050	Trisha Whitfield	Projected: 7/1/2015	Projected: 10/30/2016	\$269,000.00	\$64,276.25	\$29,287.33	50%	For FY 15/16, the VFD work was awarded to Telstar instruments. Two of the three VFD's have been installed. Pending scheduling of last VFD installation. Working on bid specs for FY 16/17 VFD's.
wt0019	Well Generators	CI-050	Trisha Whitfield	Projected: 7/1/2015	Projected: 9/30/2016	\$512,000.00	\$24,940.55	\$474,835.90	95%	Generators delivered in early July. Punchlist items remain.
wt0020	Well Rehab (15/16 \$150,000; 16/17 \$240,820)	CI-050	Trisha Whitfield	Projected: 6/1/15	Projected: 6/30/16 Revised: 6/30/17	\$390,820.00	\$55,622.00	\$3,298.64	50%	FY 15/16 project for Well #31 rehab complete. Working on bid specs for Wells 11, 39, and 44 which are the wells identified for rehab for FY 16/17.
wt0023	Water System Development Program	C-010	Trisha Whitfield	Projected: 2/18/16	Projected: 6/30/17	\$200,000.00	\$235.00	\$17,792.83	25%	CEQA complete. Property services seeking purchase agreements on three wellsites and/or storage tank sites.
wt0024	Water Storage Tank Design	F-040	Trisha Whitfield	Projected: 7/1/2016	Projected: 6/30/2018	\$690,000.00	\$499,027.00		5%	Awarded contract to Carollo on 8/18/16 for design of storage tanks.
wt0025	(Water Storage)/New Well 45	F-040	Trisha Whitfield	Projected: 7/1/2016	Projected: 9/30/2017	\$500,000.00			0%	Working on RFB for test wells. Anticipating work to begin in October 2016.
wt0026	Replace CL17 Analyzer	CI-050	Trisha Whitfield	Projected: 7/1/2016	Projected: 12/31/16	\$140,000.00			0%	Working on bid specifications.
ww0019	Sequence Batch Reactors Tanks and Aeration Maintenance (M&O - Annual: 15/16 \$335,000, 16/17 \$500,000, 17/18 \$500,000, 18/19 \$500,000, and 19/20 \$500,000)	A	Joe Carlini	Projected: 7/1/2015	Projected: 6/30/2016 Revised: 8/31/16	\$835,000.00	\$222,600.00	\$2,604.71	25%	Basins #4 and #5 drained and inspected. Parts ordered with a tentative delivery date of 9/29/16. Work will resume once parts arrive.
ww0021	WWTP Scada Upgrades	C-010	Josh Rogers	Projected: 7/1/2015	Projected: 10/1/2015 Revised: 3/30/16	\$213,000.00	\$327.67	\$151,709.80	85%	Phase 1 complete. Scoping Phase 2. Anticipated completion 4 months.
ww0022	Splitter Box	C-010	Josh Rogers	Projected: 3/1/16	Projected: 7/1/16 Revised: 3/31/16	\$250,000.00			5%	Design of splitter box underway. Should be out to bid by November 2016.
sw0002	SWR Equipment - Manhole Rehabilitation	CI-050	Tim Doyle	Projected: 7/1/2015	Projected: 6/30/16 Revised: 6/30/17	\$70,000.00			0%	Public Works staff is looking into a contract for services.
sw0003	SWR Lift Station - Sierra Pumps, Sequoia Tract	CI-050	Trisha Whitfield	Projected: 7/1/2015	Projected: 6/30/16 Revised: 10/31/16	\$80,000.00	\$74,700.00	\$2,795.89	10%	Pumps ordered. Scheduled to begin installation on 9/6/16.
sw0005	SWR Lift Station - M & Washington	F-040	Trisha Whitfield	Projected:	Projected: 6/30/17	\$75,000.00			0%	Working on bid specifications.

PUBLIC WORKS - Projects Dashboard
9/1/2016

Project #	Project Title	Project Phase*	Project Manager	Start Date	End Date	Budget	Encumbered/ Committed	Spent to Date	Percentage Complete	Notes
so0004	Corporation Yard Improvements	CI-050	Nick Bartsch	Projected: 9/3/15	Projected: 8/31/16	\$25,000.00	\$8,041.00	\$10,234.78	95%	Drainage and Paving Master Plan - Conceptual Plan - Complete; Final Cost Estimate - Pending
en0015	Prosperity/E St Traffic Signal	CI-050	Nick Bartsch	Projected: 5/9/13	Revised: 8/31/2016	\$1,849,220.71	\$56,178.96	\$1,576,949.99	95%	Paving is complete. Open to traffic. Final Striping and Signal Coordination and Turn-On - Pending
en0065	H' St. - Cross to Prosperity	CI-050	Nick Bartsch	Projected: 7/1/2015	Projected: 11/30/2016	\$2,142,057.00	\$1,770,839.94	\$142,934.47	25%	Construction is underway. Estimated completion: November 2016
en0066	Laspina - Sierra to Cheryl	CI-050	Nick Bartsch	Projected: 7/1/2015	Projected: 8/31/2016	\$890,893.32	\$342,087.39	\$430,639.94	95%	Construction is nearly complete. Final project close-out - Pending
ww0020	Tertiary Feasibility Study (M&O)	CO-060	Josh Rogers	Projected: 8/1/15	Projected: 11/1/15	\$12,000.00		\$12,000.00	100%	Complete. This project was included in the 6/30/16 batch closeout and will not be on future updates.
ww0018	Work Trucks, Waste Water Treatment Plant	CO-060	Steve Bonville	Projected: 7/1/2015	Projected: 6/30/2016	\$100,000.00		\$84,837.38	100%	Complete. This project was included in the 6/30/16 batch closeout and will not be on future updates.
sw0004	SWR Equipment - Unit 946 Replacement	CO-060	Steve Bonville	Projected: 7/1/2015	Projected: 6/30/2016	\$375,000.00		\$374,174.00	100%	Complete. This project was included in the 6/30/16 batch closeout and will not be on future updates.
wf0017	Urban Water Management Plan (UWMPO)	CI-050	Benjamin Siegel	Projected: 6/1/15	Projected: 6/30/16	\$60,000.00		\$42,798.76	100%	Complete. This project was included in the 6/30/16 batch closeout and will not be on future updates.
en0053	B' St. - PMS	CO-060	Nick Bartsch	Projected: 9/1/2014 Actual: 9/1/2014	Projected: 6/30/2016	\$1,015,000		\$996,561.17	100%	Complete. This project was included in the 6/30/16 batch closeout and will not be on future updates.
sd0015	Storm Drain Line (Cherry & Lyndale)	CO-060	Trisha Whitfield	Projected: 7/1/2015	Projected: 6/30/2016	\$100,000.00			0%	Project cancelled due to inadequate funding to complete project. Funding will be allocated to fund balance pending new project request for Board approval. This project was included in the 6/30/16 batch closeout and will not be on future updates.

COLOR KEY	
GREEN	On schedule, on budget, all good.
YELLOW	Potential issues with schedule or budget, but could be saved with corrective actions.
RED	Serious issues and project will probably be delayed or have significant budget overrun.
BLUE	Project Complete
GRAY	Project Cancelled

*PROJECT PHASE KEY	
C-010	Conceptual
P-020	Preliminary Design/Feasibility
E-030	Environmental
F-040	Final Design/Ready to Construct
CI-050	Construct/Implement
CO-060	Project Close Out
A	Annual Project

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

Submitting Department: Development Services – Engineering

For Board Meeting of: September 1, 2016

Documents Attached: Ordinance Resolution Staff Report Other None

AGENDA ITEM:

Receive update regarding a proposed development agreement between Willow Glen Partners and the City for construction of water system improvements associated with the Willow Glen subdivision located at the northeast corner of Cartmill Avenue and De La Vina Street; and provide comments and/or recommendations to staff to be provided to Planning Commission and City Council.

IS PUBLIC HEARING REQUIRED: Yes No

BACKGROUND/EXPLANATION:

Willow Glen Partners is the owner of 133 acres located at the northeast corner of Cartmill Avenue and De La Vina Street, extending north to Pacific Avenue and east to Mooney Boulevard. The Willow Glen tentative subdivision map covering the entire property was originally approved by Planning Commission on February 27, 2006, and consisted of 385 single-family lots, 9.3 acres of multi-family, 30.71 acres of commercial property, and 9.15 acres for a park/drainage basin. The property owner is in the process of submitting a revised tentative subdivision map consisting of 384 single-family lots, 17 multi-family lots on 11.28 acres, 13.7 acres of commercial property, and 7.38 acres for a small neighborhood park and ponding basin.

Based upon a water analysis by staff, it has been determined that the City's water system does not have sufficient delivery capacity to accommodate development of the Willow Glen subdivision. Specifically, the City's capacity vs. demand comparison tool indicated that that the City system would experience minimum peak hour pressures below the established threshold of 30 psi.

The Developer has indicated a desire to enter into a development agreement with the City to construct water system improvements in conjunction with the development of the Willow Glen project. Said improvements would include, but not be limited to, a new City well site with associated pumps and appurtenances, and water main extensions and tie-ins. Provisions could be included in said development agreement to address the following concerns:

- Pre-testing of any proposed well sites to verify acceptable water quality and yield capacity,
- Development of well sites or storage tanks would comply with City standards and specifications and be subject to City approval,

- Reserving the additional supply capacity provided by the Developer improvements to first and foremost accommodate water connection requests for the Willow Glen project.
- Specifying that the overall number of connection authorizations available to the Willow Glen project would be dependent upon the actual supply capacity of the Developer improvements as verified post-construction, and would be determined based upon peak-hour demand of the connections to account for impacts to the system minimum peak hour pressure.
- Consideration of the reduction or elimination of development impact fees for the water supply category on building permits issued for the Willow Glen project, up to the point where projected cumulative demand of said permits is equivalent to the capacity added by the Developer improvements.

Per Title 10, Section 10.152 of the City of Tulare Municipal Code, development agreements are subject to Planning Commission and City Council approval. Staff would include comments or recommendations provided by the Board in any forthcoming staff reports related to Planning Commission and City Council approval of a development agreement for Willow Glen water system improvements.

STAFF RECOMMENDATION:

Receive update regarding a proposed development agreement between Willow Glen Partners and the City for construction of water system improvements associated with the Willow Glen subdivision located at the northeast corner of Cartmill Avenue and De La Vina Street; and provide comments and/or recommendations to staff to be provided to Planning Commission and City Council.

CITY ATTORNEY REVIEW/COMMENTS: Yes No

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

Signed: Michael Miller

Title: City Engineer

Date: August 25, 2016

City Manager Approval:



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

Submitting Department: Public Works – Water Division

For Board Meeting of: September 1, 2016

Documents Attached: Ordinance Resolution Staff Report Other None

AGENDA ITEM:

Receive an informational PowerPoint slide presentation regarding water meter network technologies and the tentative plan to transition to an improved meter network infrastructure.

IS PUBLIC HEARING REQUIRED: Yes No

BACKGROUND/EXPLANATION:

The Hydrological Enterprise Program (HEP) was adopted by the Board on December 17, 2015. The policy is essentially a strategic business plan with the goal of striving for excellence in all aspects of municipal water services and is organized around the strategic vision statement:

“The City of Tulare intends to optimally and financially responsibly operate municipal water and natural resources enhancement services over specified time horizons, in a planned fashion.”

On June 2, 2016, the Board approved a revision to the HEP that added a section regarding water meters. The addition of the water meter section provides parameters and policy guidance for the regular replacement of water meters. This revision was necessary because of the importance water meters have on providing consumption information used for billing, monitoring conservation and the integrity of the distribution system.

At the September 1st board meeting, Staff will present the primary differences between water meter network technologies and the tentative plan to transition to an improved meter network infrastructure that follows the Board approved planned replacement strategy.

STAFF RECOMMENDATION:

Receive an informational PowerPoint slide presentation regarding water meter network technologies and the tentative plan to transition to an improved meter network infrastructure.

CITY ATTORNEY REVIEW/COMMENTS: Yes No N/A

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

FUNDING SOURCE/ACCOUNT NUMBER:

Signed: Joseph Carlini

Title: Public Works Director

Date: September 1, 2016

City Manager Approval: 