

**CITY OF RIALTO
UTILITIES COMMISSION
REGULAR MEETING
AGENDA**

Civic Center Council Chambers 150 S. Palm Avenue Rialto, CA 92376	Tuesday January 17, 2017 6:15 p.m.
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In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the Public Works Department at (909) 421-4999. Notification 48 hours prior to the meeting will enable the City to make reasonable arrangements to ensure accessibility to this meeting. [28 CFR 35.102-35.104 ADA Title II]

Members of the public are given an opportunity to speak on any listed agenda items. Please notify the Public Works Department if you wish to do so. All agendas are posted in the City Hall Administration Building (150 South Palm Avenue, Rialto, California 92376) at least 72 hours in advance of the meeting. Copies of the staff reports relating to each item on the agenda are on file in the Public Works Department. Please call (909) 421-4999 to inquire about any item described on the agenda.

Based upon the open meeting laws (the Brown Act), additional items may be added to the agenda and acted upon by the Utilities Commission only if it is considered to be a "subsequent need" or "emergency item" and is added by a two-thirds vote. Matters raised under Oral Communications may not be acted upon at that meeting other than as provided above.

<u>CALL TO ORDER</u>		Time:	
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<u>ROLL CALL</u>	Present	Absent
Chairperson Barbara Zrelak-Rickman	<input type="checkbox"/>	<input type="checkbox"/>
Vice-Chairperson June Hayes	<input type="checkbox"/>	<input type="checkbox"/>
Commissioner Richard "Kim" Chitwood	<input type="checkbox"/>	<input type="checkbox"/>
Commissioner Kevin C. Kobbe	<input type="checkbox"/>	<input type="checkbox"/>
Commissioner James M. Shields	<input type="checkbox"/>	<input type="checkbox"/>

PLEDGE OF ALLEGIANCE

MOMENT OF SILENCE / INVOCATION

APPROVAL OF MINUTES FROM REGULAR MEETING *October 18, 2016, November 15, 2016, special meeting December 8, 2016*

<u>ORAL COMMUNICATION</u>	(5 minutes)

<u>NEW BUSINESS ITEMS</u>		
<u>WASTE MANAGEMENT REPORT</u> <i>Amy Crow, City of Rialto</i> RECEIVE AND FILE- NO ACTION	ITEM	<u>1</u>
<u>MONTHLY RATE STUDY UPDATE</u> <i>Katie, City of Rialto</i> RECEIVE AND FILE- NO ACTION	ITEM	<u>2</u>
<u>VEOLIA OPERATIONS AND MAINTENANCE REPORT</u> <i>WATER/WASTEWATER/CUSTOMER SERVICE/FACILITY IMPROVEMENT PROJECT UPDATE</i> <i>Thomas Crowley, Staff-Veolia Water</i> RECEIVE AND FILE – NO ACTION	ITEM	<u>3</u>
<u>LONG-TERM WATER EFFICIENCY AND DROUGHT PREPAREDNESS PLAN</u> <i>Vice-Chairperson Hayes, Utilities Commission</i> RECEIVE AND FILE – NO ACTION	ITEM	<u>4</u>
<u>SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT UPDATE</u> <i>Vice-Chairperson Hayes, Utilities Commission</i> RECEIVE AND FILE – NO ACTION	ITEM	<u>5</u>
<u>OLD BUSINESS</u>		
<u>PREVIOUS DISCUSSION UPDATES</u> <ol style="list-style-type: none"> 1. Consolidation of Water and Wastewater Resolutions 2. Streetlight Acquisition Project 3. WWTP Issues <ol style="list-style-type: none"> A. Cyanide Test Results B. Update on FOG Repairs and Deliveries C. Digester 1 Leak Issue 4. SCE Emergency Switchgear at the Wastewater Treatment Plant <ol style="list-style-type: none"> A. Preferred Emergency Gear Agreement B. Alternative Energy Source research 	ITEM	<u>6</u>
<u>TO DO LIST</u>	ITEM	<u>7</u>
<u>COMMISSIONER'S REPORT</u>	ITEM	<u>8</u>
<u>ADJOURNMENT</u>	Motion	<u> </u>
	Second	<u> </u>
	Vote	<u> </u>
	Time	<u> </u>
<u>ATTACHMENTS/HANDOUTS</u> <ol style="list-style-type: none"> 1. Monthly Waste Management Report- December 2016 2. Monthly Rate Study Update Staff Report 3. Veolia Water Operations and Maintenance Report –December 2016 		

4. State Plan Seeks To Make Water Conservation A Way of Life Handout
5. To Do List- January 2017

CITY STAFF

Robert Eisenbeisz, Public Works Director/ City Engineer
Thomas Crowley, Utilities Manager
Katie Nickel, Public Works Program Coordinator
Amy Crow, Administrative Analyst
Dayan A. Malfavon, Commission Clerk

**REGULAR MEETING OF THE UTILITIES COMMISSION
MINUTES**

INTRODUCTION	The Regular meeting of the Utilities Commission of the City of Rialto was held in the Civic Center Council Chambers located at 150 S. Palm Avenue, Rialto, California 92376, on Tuesday, October 18, 2016.
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	This meeting was in accordance with the provision of the Government Code §54956 of the State of California.
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CALL TO ORDER	Chairperson Zrelak-Rickman called the meeting to order at 6:16 P.M.
	o0o
ROLL CALL	The roll was called and the following Commissioners were present: Barbara Zrelak-Rickman, June Hayes, Richard “Kim” Chitwood, Kevin C. Kobbe, and James M. Shields. Staff present: Robert Eisenbeisz, Thomas Crowley, Katie Nickel, Amy, Crow, and Dayan Malfavon. Also present: Rolf Ohlemutz, Clarence Mansell, Aaron Kraft, Daniel Villanueva, Robert Lee, Paul Herman, David Terry, and Alejandro Juarez.
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PLEDGE OF ALLEGIANCE	Chairperson Zrelak-Rickman led the pledge of allegiance.
	o0o
MOMENT OF SILENCE/ INVOCATION	Commissioner Chitwood led the Invocation.
	o0o
APPROVAL OF MINUTES – Regular Meeting September 20, 2016	<ul style="list-style-type: none"> ◆ Commissioner Chitwood moved to approve the minutes of the Regular Meeting of September 20, 2016 as written. ◆ Commissioner Shields seconded the motion. ◆ Motion carried. ◆ VOTE: <u>5</u> to <u>0</u> in favor of approval of the minutes. ◆ Tom Crowley provided an update to the alternate energy options for the emergency switchgear at the Wastewater Treatment Plant and clarified to the Commission that the existing switchgear was programmed to receive back-up power from the “Colton substation” and not the “City of Colton”, as previously believed. ◆ The Commission inquired about the Preferred Energy Agreement. Crowley and Robert Eisenbeisz stated they would contact West Yost to follow up and would also ask City staff to research.
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ORAL COMMUNICATIONS	◆ None.
	o0o
NEW BUSINESS ITEMS	
	o0o
Item 1- Waste Management Report RECEIVE AND FILE- NO ACTION	<ul style="list-style-type: none"> ◆ Amy Crow presented the monthly Waste Management Report. ◆ Crow reviewed the tonnage, special collection, and scavenger reports. ◆ Crow informed the Commission that Burrtec Waste has begun the Organics Recycling Program that was added to the rate structure in July. ◆ Crow provided a copy to the Commission of an email from David Hernandez, Code Enforcement Office, thanking Burrtec for their assistance in providing the donation roll-offs to low-income families.

	<ul style="list-style-type: none"> ◆ Crow provided a flyer to the Commission concerning the Skydrop Weather Based Irrigation Timers. ◆ The Commission thanked Crow and Burrtec for utilizing the resources available to work towards building a partnership with the residents of Rialto that benefits the community. Crow thanked the Commission and stated she would also share the gratitude with Code Enforcement. ◆ Crow provided answers to comments and questions from the Commission in regards to the following: <ul style="list-style-type: none"> • Commissioner Chitwood inquired the proper disposal of galvanized pipes. • Chairperson Zrelak-Rickman commented the Skydrop flyer stated the controllers are available to all “Rialto residents” but in fact, it is only available to Rialto Water Services customers. Crow stated she would revise the flyer. ◆ The Commission received and accepted the reports.
	o0o
<p>Item 2- Veolia Operations And Maintenance Report RECEIVE AND FILE- NO ACTION</p>	<ul style="list-style-type: none"> ◆ Aaron Kraft introduced the new Rialto Water Services Customer Service Manager, Robert Lee to the Commission. ◆ Lee provided a brief introduction and descriptions of the goals he hopes to accomplish as the Rialto Water Services Customer Service Manager. ◆ The Commission inquired about electronic billing. Lee stated the e-billing has not been researched yet but does intend on pursuing that option for customers. ◆ Kraft provided an update to the Commission regarding the Zero-Consumption study and noted Rialto Water Services has identified 6 customers who are owed a refund. ◆ Clarence Mansell introduced Mark Doyle and Eric Li of BDP EnviroTech to review a presentation regarding wastewater treatment technology. ◆ Doyle introduced himself to the Commission and provided a brief update regarding the agreement that will be presented to the Commission after legal review. ◆ Doyle responded to questions from the Commission regarding the following: <ul style="list-style-type: none"> • The status of the California Energy Commission (CEC) grant. Doyle assured the Commission the grant has been awarded to BDP EnviroTech subject to the completion of the agreement. • The removal of any equipment from BDP EnviroTech in the event the City does not want to pursue the technology after the testing period. Doyle stated BDP EnviroTech would remove everything and the plant would be returned to its original state. ◆ Li provided a brief description of the technology invented by BDP EnviroTech to treat wastewater in a more economical and environmentally friendly manner. ◆ Daniel Villanueva presented the monthly Wastewater Operations report provided to the Commission in the agenda packet. ◆ The Commission inquired about an update in the report that stated local labs do not perform the testing of free cyanide that is required by the United States Environmental Protection Agency (EPA) and the state. ◆ Mansell provided a handout to the Commission of Cyanide Data from January 1, 2007 through September 30, 2016 and a separate handout of a free cyanide report from BABCOCK Laboratories.

- ◆ Mansell informed the Commission that the lab changed its procedures in July and began testing the cyanide in Edison, New Jersey without properly notifying Veolia, extending the hold time.
- ◆ Clarence stated the state is aware that longer hold times on cyanide samples with preservatives will read higher cyanide levels.
- ◆ Mansell responded to questions and comments from the Commission in regards to the following:
 - Rialto's cyanide levels in comparison to neighboring cities.
 - Similar issues in neighboring cities that use Chlorination and what actions they have taken to address the high cyanide readings.
 - How long the state will allow high readings before the City if fined.
 - The benefit of testing twice per month.
 - The escalation of cyanide since 2007 as reported in the handout provided.
- ◆ The Commission commented that Veolia staff have not done as much as possible to resolve the issue with the cyanide readings.
- ◆ Crowley inquired about testing preserved and unpreserved samples at the City of Riverside's own lab. Mansell stated such testing has already been done.
- ◆ A discussion ensued regarding the methods that other agencies have adopted to test cyanide.
- ◆ Commissioner Shields inquired about the readings from other comparable agencies that are also to test cyanide and what steps they have taken to address high readings. With no answer available, the Commission requested the information at the next regular meeting
- ◆ Vice-Chairperson Hayes commented that, although, Fats, Oils, Grease (FOG) deliveries were stopped on September 19, 2016 due to the digester being upset, the City was not officially notified until October 4, 2016. Villanueva stated he anticipated to be back on by September 26, 2016.
- ◆ Vice-Chairperson Hayes noted that Rolf Ohlemutz reported to the City that the digester was still upset to date (October 4, 2016) but did not mention there was an issue with the condensate tank.
- ◆ Villanueva responded to questions and comments from the Commission in regards to the following:
 - The timeline of the series of events and why the City was not informed accordingly of the issues with the digester.
 - Why Ohlemutz was not notified of the broken condensate tank when staff noticed the problem on September 26, 2016. Villanueva stated information was still being gathered.
- ◆ Vice-Chairperson Hayes commented that the digester was showing early signs of failure in August and suggested that in the future, early signs should be addressed before more extensive consequences emerge.
- ◆ Herman presented the monthly Collections Cleaning Footage report provided to the Commission in the agenda packet.
- ◆ Herman informed the Commission that the technicians were doing confined space cleaning and therefore, the number of sewer line footage cleaned is low for the month of September.
- ◆ A discussion ensued in regards to the possibility of insects coming up the sewer lines after the insect control paint has been sprayed and the longevity of the product.

	<ul style="list-style-type: none"> ◆ David Terry reviewed the Water Conservation Report provided to the Commission in the agenda packet. ◆ Terry provided an update to the Commission in regards to the operational wells. ◆ Terry reviewed the Groundwater Basin Summary. ◆ Terry noted there was an error in the Drinking Water Monitoring Report, which has been corrected to reflect 12 errors, not 0. ◆ Terry reviewed the Water Conservation report. ◆ Terry informed the Commission there will be an upcoming Operating Repair and Replacement (OR&R) project to clean the Cactus Reservoir. ◆ Terry informed the Commission that well Chino #2 will be getting a new diffuser or spray nozzle for the resin to replace the old one. ◆ Terry indicated there are several businesses in Rialto that do not have backflow devices as required and may have changed ownership or have been converted into a different business. Terry added there will be a project in the future to install backflow devices. ◆ Terry informed the Commission the TDS numbers he reported do not match the numbers Villanueva has generated and stated the matter will be investigated with West Valley Water District as well. ◆ A discussion ensued regarding causes of high TDS and Veolia’s plan to reduce TDS. ◆ Crowley commented the upcoming SAWPA Tri-annual study will show TDS trends for all water agencies throughout the Santa Ana Watershed. ◆ Terry informed the Commission a weighted average calculation is made ever ◆ Alejandro Juarez presented the monthly Facility Improvements Project report The Commission received and accepted the report. ◆ The Commission received and accepted the reports.
Item 3 - Old Business	<ul style="list-style-type: none"> ◆ The Commission discussed on the Previous Discussion Updates. <ul style="list-style-type: none"> • Vice- Chairperson Hayes provided a brief update concerning the Consolidation of Water and Wastewater Resolutions and informed the Commission Pam Lee of the City Attorney’s office is working on consolidating the comments and revisions provided. Crowley and Eisenbeisz stated they would look into it and follow up with Susanne Wilcox, administrative analyst. • Eisenbeisz provided a brief update concerning the Streetlight Acquisition and informed the Commission the City will search for a firm that can provide the maintenance of the streetlights once acquired from Edison. • Crowley provided a brief update concerning the Budget Based Rate Study and informed the Commission that staff will organize bi-weekly meetings to move the project forward. ◆ The “To Do List” was reviewed and discussed. ◆ A discussion ensued concerning the Concession Agreement Overview reports from West Yost in terms of when the report would be presented to the Commission.
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Item 4- Commissioner's Report	<ul style="list-style-type: none"> ◆ Vice-Chairperson Hayes informed the Commission there was a discussion during the monthly meeting with Burrtec Waste in regard to different methods of enforcing "No Parking" signs during street sweeping days. ◆ A discussion ensued regarding the "No Parking" signs during street sweeping days
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<u>ADJOURNMENT</u>	<ul style="list-style-type: none"> ◆ Commissioner Chitwood made a motion to adjourn the meeting. ◆ Commissioner Shields seconded motion. ◆ Motion Carried. ◆ Meeting adjourned at 9:06 P.M.

REGULAR MEETING OF THE UTILITIES COMMISSION

MINUTES

INTRODUCTION	The Regular meeting of the Utilities Commission of the City of Rialto was held in the Civic Center Council Chambers located at 150 S. Palm Avenue, Rialto, California 92376, on Tuesday, November 15, 2016.
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	This meeting was in accordance with the provision of the Government Code §54956 of the State of California.
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CALL TO ORDER	Chairperson Zrelak-Rickman called the meeting to order at 6:17 P.M.
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ROLL CALL	The roll was called and the following Commissioners were present: Barbara Zrelak-Rickman, June Hayes, Richard “Kim” Chitwood, Kevin C. Kobbe, and James M. Shields. Staff present: Robert Eisenbeisz, Thomas Crowley, Amy Crow, and Dayan Malfavon. Also present: Rolf Ohlemutz, Clarence Mansell, Aaron Kraft, Daniel Villanueva, Robert Lee, Chandrasekar Venkatraman (CV), David Terry, and Alejandro Juarez.
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PLEDGE OF ALLEGIANCE	Chairperson Zrelak-Rickman led the pledge of allegiance.
	o0o
MOMENT OF SILENCE/ INVOCATION	Commissioner Chitwood led the Invocation.
	o0o
APPROVAL OF MINUTES – Regular Meeting October 18, 2016	<ul style="list-style-type: none"> ◆ Minutes for the meeting of October 18, 2016 were tabled until the next regular meeting.
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ORAL COMMUNICATIONS	<ul style="list-style-type: none"> ◆ None.
	o0o
NEW BUSINESS ITEMS	
	o0o
Item 1- Waste Management Report RECEIVE AND FILE- NO ACTION	<ul style="list-style-type: none"> ◆ Amy Crow presented the monthly Waste Management Report. ◆ Crow reviewed the tonnage, special collection, and scavenger reports. ◆ Crow provided answers to questions from the Commission regarding the following: <ul style="list-style-type: none"> ● Vice-Chairperson Hayes asked Crow if the shredding truck was filled during the Community Clean-up event. Crow informed the Commission the truck did not arrive until 10AM but held on to documents that the residents dropped off until the truck arrived. ◆ Crow indicated she met with Southern California Edison (SCE) and provided the Commission an update to the status of Rule 20A Utility Undergrounding project. ◆ The Commission received and accepted the reports.
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Item 2- Monthly Rate Study Update	<ul style="list-style-type: none"> ◆ Tom Crowley presented the Monthly Rate Study Update report. ◆ Crowley reviewed a strategy discussed to assign operation costs to the different tiers.

<p>RECEIVE AND FILE- NO ACTION</p>	<ul style="list-style-type: none"> ◆ Crowley provided answers to questions from the Commission concerning the following: <ul style="list-style-type: none"> ● Vice-Chairperson Hayes inquired developing rates for commercial accounts in addition to residential accounts. ● Vice-Chairperson Hayes inquired about level pay. Robert Lee explained to the Commission how level pay works. ◆ Lee provided an update to the implementation of e-bills (electronic bills). ◆ Lee provided answers to questions and comments from the Commission regarding the following: <ul style="list-style-type: none"> ● The status of completing the level pay study. ● Vice-Chairperson Hayes commented that Council member Joe Baca Jr. stated that he received several complaints from customers stating the billing cycle ranged from 25 to 35 days. Lee stated he would follow up with the Council member. ◆ The Commission received and accepted the reports.
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<p>Item 3- Veolia Operations And Maintenance Report RECEIVE AND FILE- NO ACTION</p>	<ul style="list-style-type: none"> ◆ Crowley reviewed the monthly Wastewater Operations report ◆ Crowley provided a handout to the Commission that Veolia produced which included an update report and action plan for compliance with NPDES (National Pollutant Discharge Elimination System) permit limitations of free cyanide in the Rialto wastewater plant effluent. ◆ Clarence Mansell reviewed the handout. ◆ Mansell provided answers to questions and comments from the Commission regarding the following: <ul style="list-style-type: none"> ● Vice-Chairperson Hayes inquired about the preservative expiring and changing characteristics. ● Vice-Chairperson Hayes inquired about the cleaning of the contact chamber. ◆ Vice-Chairperson Hayes commented that the cleaning of the contact chamber is paid under Operations and Maintenance and noted the cleaning has not been done. ◆ Crowley reviewed a handout he provided to the Commission providing a detailed explanation of what Veolia and staff did to determine the cause of the leak at Digester 1. ◆ Crowley and Daniel Villanueva provided answers to questions from the Commission regarding the following: <ul style="list-style-type: none"> ● Vice-Chairperson Hayes inquired about the leaking valve being replaced in the digester. ● Vice-Chairperson Hayes requested a status of the safety handrails project at Plant 2. ● Vice-Chairperson Hayes inquired about the condensate trap material and arrival date. ◆ Crowley reviewed the Dystor Fact Sheet, a second handout provided to the Commission. ◆ Vice-Chairperson Hayes commented that Rialto received twice as much FOG deliveries before the Concession agreement. ◆ Vice-Chairperson Hayes requested a report on the condition of the upset digester and the FOG station. Villanueva stated he would provide the report.

	<ul style="list-style-type: none"> ◆ A discussion ensued regarding the “problem solving” done at the digester to correct the problem and identifying the cause to prevent future occurrences. ◆ Crowley presented the monthly Water Report. ◆ Discussion ensued regarding the other water agencies working to solve the TDS problem. ◆ Crowley provided an update on the Cactus Basin Cleaning project and informed the Commission that when the basin is cleaned, residents in zone 3 will be supplied through zone 2. Crowley provided an update to the Commission regarding the large meter replacement project and informed the Commission tests need to occur to determine the accuracy. ◆ Crowley provided answers to questions from the Commission regarding the following: <ul style="list-style-type: none"> • Vice-Chairperson Hayes inquired about customers in zone 3 and 2 possibly noticing a difference during the Cactus Basin cleaning and how to prepare for it. • Vice-Chairperson Hayes inquired about the funding for the testing of the large meters. ◆ Aaron Kraft provided a brief update to the Water Operations Facility Improvements project. ◆ Lee briefly update the Commission in regards to the data he has acquired to analyze the needs and wants of customers. ◆ Vice-Chairperson Hayes inquired about the “bandwidth” problem. Kraft stated there are still issues with the network and staff is working to resolve the problems. ◆ Chairperson Zrelak-Rickman questioned why staff extended the past-due age of accounts sent to bad debt from 30 days to 45. Lee stated accounts younger than 30 days were pulled by the Tyler Incode system in error and until the issue is resolved, the age was extended to 45 days. ◆ Crowley commented that the current version of Incode will not support the budget based rates. ◆ Kraft introduced Chandrasekar Venkatraman (CV) and provided a brief background on his career. ◆ Crowley reviewed the monthly Facilities Improvement report. ◆ Vice-Chairperson Hayes inquired about the status of the water meter replacement project and how often the meters will have to be replaced once the project is completed. ◆ The Commission received and accepted the reports.
Item 4 - Old Business	<ul style="list-style-type: none"> ◆ Vice-Chairperson Hayes stated there is no update to the consolidation of water and wastewater resolutions. Crowley will follow up with the City attorney. ◆ Eisenbeisz updated the Commission in regards to the Streetlight Acquisition and informed them that he received feedback at a recent EDC meeting to bid the streetlight maintenance contract, which may be a 6-month process to acquire a contractor. ◆ Chairperson Zrelak-Rickman inquired about the cost of phase 1, phase 2, and Siemen’s cost for both phases of the streetlight acquisition.

	<ul style="list-style-type: none"> ◆ Crowley updated the Commission on the emergency switchgear at the wastewater treatment plant and informed them he plans to meet with SCE to discuss a general standard operating procedure. ◆ Crowley updated the Commission on the BDP project presented at the last regular meeting and informed them that Council approved the project.
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Item 5- Commissioner's Report	<ul style="list-style-type: none"> ◆ Vice-Chairperson Hayes announced she will be sworn into the San Bernardino Valley Water District Water Board on December 6, 2016 and extended an invitation to the Commission and staff. ◆ Chairperson Zrelak-Rickman inquired about going dark in December. ◆ Commissioner Chitwood made a motion to go dark in December. ◆ Commissioner Shields seconded motion. ◆ Motion Carried, 5-0.
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<u>ADJOURNMENT</u>	<ul style="list-style-type: none"> ◆ Commissioner Chitwood made a motion to adjourn the meeting. ◆ Commissioner Shields seconded motion. ◆ Motion Carried. ◆ Meeting adjourned at 9:06 P.M.

**SPECIAL MEETING OF THE UTILITIES COMMISSION
MINUTES**

INTRODUCTION	The Regular meeting of the Utilities Commission of the City of Rialto was held in the Civic Center Council Chambers located at 150 S. Palm Avenue, Rialto, California 92376, on Thursday, December 8, 2016.
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	This meeting was in accordance with the provision of the Government Code §54956 of the State of California.
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CALL TO ORDER	Chairperson Zrelak-Rickman called the meeting to order at 6:17 P.M.
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ROLL CALL	The roll was called and the following Commissioners were present: Barbara Zrelak-Rickman, June Hayes, Richard “Kim” Chitwood, Kevin C. Kobbe, and James M. Shields. Staff present: Robert Eisenbeisz and Dayan Malfavon.
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PLEDGE OF ALLEGIANCE	Chairperson Zrelak-Rickman led the pledge of allegiance.
	o0o
MOMENT OF SILENCE/ INVOCATION	Commissioner Chitwood led the Invocation.
	o0o
ORAL COMMUNICATIONS	◆ None.
	o0o
NEW BUSINESS ITEMS	
	o0o
Item 1- iLegislate Training RECEIVE AND FILE- NO ACTION	<ul style="list-style-type: none"> ◆ Robert Eisenbeisz provided training for the Commission on iPad utilization and iLegislate, a mobile application for electronic agendas. ◆ Eisenbeisz provided answers to questions from the Commission as follows: <ul style="list-style-type: none"> ● Vice-Chairperson Hayes inquired about only 8% of the budgeted funds for the rebate program have been used. Eisenbeisz stated the cost of replacing grass with water efficient landscape is much higher than the return. A discussion ensued thereafter. ● Vice-Chairperson Hayes provided a handout to the Commission titled “State Plan Seeks to Make Water Conservation a Way of Life” and requested that it be added to the next regular meeting agenda. ● Chairperson Zrelak-Rickman informed the Commission they will be receiving t-shirts and inquired about wording, sizes, and colors. ● Commissioner Shields inquired about trimming trees that have grown around utility lines. Eisenbeisz stated Southern California Edison (SCE) branches touching power lines. ● Commissioner Shields inquired about the Traffic Signal project and Acacia and Baseline. Eisenbeisz stated the contractor is in default and the project will have to be awarded to another contractor. ● Chairperson Zrelak-Rickman inquired about the completion date for the Ayala Widening project. Eisenbeisz stated the projected completion date is June of 2017 but will need to confirm. ◆ Eisenbeisz provided an update to the Commission regarding the Traffic Signal project at Riverside and Linden. ◆ Eisenbeisz provided a brief update to the Pepper Interchange project.

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<u>ADJOURNMENT</u>	<ul style="list-style-type: none">◆ Vice-Chairperson Hayes made a motion to adjourn the meeting.◆ Commissioner Shields seconded motion.◆ Motion Carried.◆ Meeting adjourned at 7:25 P.M.

CITY OF RIALTO

UTILITIES COMMISSION

AGENDA REPORT

For the Meeting of January 17, 2017

TO: Honorable Utilities Commission Members

FROM: Amy Crow, Administrative Analyst

SUBJECT: Monthly Activity Report for City of Rialto Waste Management Services

DATE: January 9, 2017

BACKGROUND:

The City of Rialto Municipal Code Chapter 2.24 establishes and defines the Rialto Utilities Commission. The responsibilities assigned to the Commission include acting “as an advisor to the City Council and City Administration regarding solid waste policies, recycling, source reduction, and other related state mandates.” This report provides general information to the Commission on the activities and events for the Public Works Department’s Waste Management Division.

ANALYSIS/DISCUSSION:

- Items relating to the City’s Solid Waste Management services and of interest to the Commission are as follows:
- Hazardous Household Waste – There were one hundred twenty-two (122) residents served during the month of December. Items collected included the following:
 - 160 gallons of used motor oil,
 - 1 pallet of paint,
 - 5 drums of miscellaneous poisons and other toxic liquids,
 - 7 barrels of sharps, including needles, lancets, and syringes used by residents for their home healthcare and medical needs.
- During the month of January, the Household Hazardous Waste site was open on 13th and 14th and will be open on the 27th and 28th from 8 am until 12 noon.
- Community Clean-Up Day

The Community Clean-Up Day is scheduled for Saturday, January 28, 2017. Regular scheduled activities include:

Used Tire Collection
Household Hazardous Waste Collection
Electronic Waste Collection
Document Shredding
Salvation Army Donations
Special Collection – Seeds of Hope (Jackets, Coats, Sweaters)

Burrtec Waste Tonnage Report –

- The reports for October 2016 have been attached to this staff report for Commission review.

RECOMMENDATION:

Staff recommends the Utilities Commission receive this report for the month of January, 2017.

Attachments:

1. Burrtec Waste Tonnage Reports – October, 2016
2. Special Collection Flyer – Seeds of Hope

Report Prepared by: Amy Crow, Administrative Analyst

BURRTEC WASTE INDUSTRIES
RIALTO

Program Code	Description	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Y-T-D
Refuse												
	Residential Refuse	1,889.95	1,778.93	2,083.98	1,894.99	1,945.42	2,153.73	1,953.08	2,037.67	1,911.96	1,817.54	19,467.25
	Residential Refuse (residue)	158.19	136.76	174.08	155.52	172.50	180.34	160.00	167.45	157.47	153.61	1,615.92
	Special Collection - Bulky	35.72	51.11	69.25	56.55	60.84	86.52	63.08	54.90	68.91	52.83	599.71
	Government Refuse											0.00
	School Refuse	176.18	168.25	189.48	186.79	188.76	162.31	132.65	184.10	185.23	174.01	1,747.76
	Residential Bin Refuse	5.78	5.79	6.58	6.44	6.29	5.55	5.25	6.47	6.04	6.15	60.34
	Residential Bin Refuse (residue)											0.00
	Multi-Family Refuse	877.05	906.21	1,008.98	916.60	955.13	876.03	815.91	982.62	937.55	954.25	9,230.33
	Multi-Family Refuse (residue)	6.57	7.47	7.92	7.10	8.02	6.97	4.68	7.67	6.87	6.46	69.73
	Commercial Refuse	1,016.37	1,019.25	1,166.79	1,098.60	1,133.64	1,051.11	968.84	1,175.07	1,125.97	1,091.98	10,847.62
	Rolloff Refuse	883.11	830.71	842.52	783.40	772.82	843.95	797.79	880.71	1,041.96	1,030.89	8,707.86
	Commercial Refuse (residue)	30.31	34.50	36.56	36.07	40.78	35.44	23.80	38.99	34.93	35.82	347.20
	Rolloff Refuse (residue)	16.31	15.41	25.81	22.84	22.29	20.83	19.77	21.55	11.94	11.98	188.73
	Refuse Totals	5,095.54	4,954.39	5,611.95	5,164.90	5,306.49	5,422.78	4,944.85	5,557.20	5,488.83	5,335.52	52,882.45
Source Reduction												
1000-SR-XGC	Xeriscaping, Grasscycling											0.00
1010-SR-BCM	Backyard Composting											0.00
1020-SR-BWR	Business Source Reduction											0.00
1030-SR-PMT	Procurement											0.00
1040-SR-SCH	School Source Reduction											0.00
1050-SR-GOV	Government Source Reduction											0.00
1060-SR-MTE	Material Exchange, Thrift Shops											0.00
1070-SR-OTH	Other Source Reduction											0.00
	Source Reduction Totals	0.00										
Recycling (Net of Residue)												
2000-RC-CRB	Residential Curbside Recycling	361.82	313.60	345.00	308.05	341.62	356.81	316.22	331.12	311.07	303.35	3,288.66
2010-RC-DRP	Residential Drop-Off Recycling											0.00
2020-RC-BYB	Residential Buy-Back Centers											0.00
2030-RC-OSP	Commercial On-Site Pickup	47.00	53.49	56.69	55.02	62.21	54.05	36.29	59.47	53.28	53.67	531.17
2040-RC-SFC	Commercial Self Haul Recycling											0.00
2050-RC-SCH	School Recycling	13.20	15.01	15.91	15.45	17.46	15.17	10.19	16.69	14.96	15.34	149.38
2060-RC-GOV	Government Recycling											0.00
2070-RC-SNL	Special Collection - Seasonal	46.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46.50
2080-RC-SPE	Special Collection - Events											0.00
2090-RC-OTH	Other Recycling-Pre Sorted Roll-off	16.57	9.71	15.33	18.19	15.89	13.27	9.14	12.08	11.22	14.73	136.13
	Recycling Totals	485.09	391.81	432.93	396.71	437.18	439.30	371.84	419.36	390.53	387.09	4,151.84
Composting												
3000-CM-RCG	Residential Curbside Greenwaste	625.77	767.93	1,164.35	931.63	953.06	972.01	949.27	1,073.06	1,021.50	949.98	9,408.56
3010-CM-RSG	Residential Self Haul Greenwaste											0.00
3020-CM-COG	Commercial On-Site Greenwaste	27.07	18.97	12.10	5.80	24.06	19.38	7.24	12.89	14.25	9.87	151.63
3030-CM-CSG	Commercial Self Haul Greenwaste											0.00
3040-CM-FWC	Food Waste Composting	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3050-CM-SCH	School Composting											0.00
3060-CM-GOV	Government Composting											0.00
3070-CM-OTH	Other Composting											0.00
	Composting Totals	652.84	786.90	1,176.45	937.43	977.12	991.39	956.51	1,085.95	1,035.75	959.85	9,560.19
Special Waste												
4000-SP-ASH	Ash											0.00
4010-SP-SLG	Sludge (sewage industrial)											0.00
4020-SP-TRS	Tires	0.06	0.08	0.18	0.03	0.09	0.11	0.18	0.28	0.22	0.11	1.34
4030-SP-WHG	White Goods	2.96	3.05	3.42	3.83	4.97	3.76	4.49	3.20	5.30	3.86	38.84
4040-SP-SCM	Scrap Metal	3.47	0.04	0.17	0.28	3.59	0.34	0.21	8.62	0.26	11.48	28.46
4050-SP-WDW	Wood Waste	80.11	68.81	84.66	80.23	92.19	83.37	107.56	127.69	97.39	112.51	934.52
4060-SP-CAR	Concrete/Asphalt/Rubble	34.97	64.98	111.97	74.13	94.47	82.22	73.10	139.07	165.19	101.18	941.28
4070-SP-DSD	Disaster Debris											0.00
4080-SP-SGL	Shingles											0.00
4090-SP-RND	Rendering											0.00
4100-SP-OTH	Other Special Waste	51.10	51.43	86.08	71.48	74.80	61.95	69.29	71.55	40.12	34.96	612.76
	Special Waste Totals	172.67	188.39	286.48	229.98	270.11	231.75	254.83	350.41	308.48	264.10	2,557.20

BURRTEC WASTE INDUSTRIES
RIALTO

Program Code	Description	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Y-T-D
Public Education & Outreach												
5000-ED-ELC	Electronic (radio, TV, WWW, Hotlines)											0.00
5010-ED-PRN	Printed Media											0.00
5020-ED-OUT	Outreach (workshops, fairs, field trips)											0.00
5030-ED-SCH												0.00
5040-ED-OTH	Other Public Education											0.00
Public Education & Outreach Totals		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Policy Incentives												
6000-PI-PLB	Product & Landfill Bans											0.00
6010-PI-EIN	Economic Incentives											0.00
6020-PI-ORD	Ordinances											0.00
6030-PI-OTH	Other Policy Incentives											0.00
Public Education Totals		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Facility Recovery												
7000-FR-MRF	Material Recovery Facility	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7010-FR-LAN	Landfill											0.00
7020-FR-TST	Transfer Station	0.48	13.33	0.27	0.28	0.32	0.00	0.02	1.20	0.12	0.25	16.27
7030-FR-CMF	Composting Facility											0.00
7040-FR-ADC	Alternate Daily Cover											0.00
7050-FR-OTH	Other Facility Recovery											0.00
Facility Recovery Totals		0.48	13.33	0.27	0.28	0.32	0.00	0.02	1.20	0.12	0.25	16.27
Transformation												
8000-TR-WTE	Waste-to-Energy				5.93	0.00	11.31	6.22	0.00	0.00	5.98	29.44
8010-TR-WDW	Biomass (wood waste)											0.00
8020-TR-TRS	Tires											0.00
8030-TR-OTH	Other Transformation											0.00
Transformation Totals		0.00	0.00	0.00	5.93	0.00	11.31	6.22	0.00	0.00	5.98	29.44
Household Hazardous Waste												
9000-HH-PMF	Permanent Facility											0.00
9010-HH-MPC	Mobile/Periodic Facility											0.00
9020-HH-CSC	Curbside Collection											0.00
9030-HH-WSE	Waste Exchange											0.00
9040-HH-EDP	Educational Programs											0.00
9045-HH-EWA	Electronic Waste	1.67	1.70	2.16	1.44	2.26	2.10	1.39	2.22	1.72	1.60	18.26
9050-HH-OTH	Other Household Hazardous Waste											0.00
HHW Totals		1.67	1.70	2.16	1.44	2.26	2.10	1.39	2.22	1.72	1.60	18.26
All Programs Total		1,312.75	1,382.13	1,898.29	1,571.77	1,686.99	1,675.85	1,590.81	1,859.14	1,736.60	1,618.87	16,333.20
Total Refuse		5,095.54	4,954.39	5,611.95	5,164.90	5,306.49	5,422.78	4,944.85	5,557.20	5,488.83	5,335.52	52,882.45
Total Tonnages Generated		6,408.29	6,336.52	7,510.24	6,736.67	6,993.48	7,098.63	6,535.66	7,416.34	7,225.43	6,954.39	69,215.65
Multi Family Net Diverted Tonnage												
2030-RC-OSP	Multi Family Curbside Recycling	10.72	12.20	12.93	11.58	13.10	11.38	7.64	12.52	11.22	10.54	113.83
3020-CM-COG	Multi Family Curbside Greenwaste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



Seeds of Hope...

Special Jacket and Sweater Collection

Seeds of Hope Outreach has been serving the community for more than 5 years. Our goal is to feed, serve, educate and employ individuals, families and communities with Love, Support and to lead a hand to those who are down and out.



Seeds of Hope Outreach was established in 2007. The original inception was a home for men. From the home for men the desire to feed the hungry and hurting was born. Since that time they have distributed food to more than 30 organizations who help the poor. A few of the organizations they have assisted are: Mary's Table, Cooley's Outreach, Bibleland, Agape Foster Youth Services and the earthquake victims in Mexico. It is their vision to help those in need of education and employment. Seeds of Hope Outreach is committed to making this world a better place.

Winter time is always a difficult time for individuals and families who are in need. Just trying to keep warm can be a day to day struggle. You can easily help...just take a few minutes out of your day and clean out your closet and donate those gently used coats, jackets and sweaters for all ages that no longer fit or you just don't wear. The **Seeds of Hope Outreach** will be on hand to collect these items on the next Free Dump Day so that they may be shared with those less fortunate.

January 28, 2017

8 a.m. – 3 p.m.

Rialto City Hall, South Parking Lot

150 S. Palm Ave.

For more information on this collection,
call the Rialto Waste Management Office at
909-421-7221.

For more information about Seeds of Hope
you can call 909-856-0741 or
EMAIL: seedsofhopeoutreach@yahoo.com



CITY OF RIALTO

UTILITIES COMMISSION AGENDA REPORT

For the Meeting of January 17, 2017

TO:	Honorable Utilities Commission Members
FROM:	Thomas J. Crowley, P.E., Utilities Manager
SUBJECT:	Monthly SAWPA Update
DATE:	January 9, 2017

BACKGROUND:

The City of Rialto Municipal Code Chapter 2.24 establishes and defines the Rialto Utilities Commission. This report provides general information to the Commission on for the Public Works Department’s Water Conservation Activities.

ANALYSIS/DISCUSSION:

The SAWPA Grant Program reimburses the City for rate evaluation expenses. Typical investigation and evaluation steps include:

1. Aerial imagery of landscape and square footage data. SAWPA is developing these documents and will provide this information at no cost to the City.
2. Utility Commission/City Council workshop. The workshop will provide additional information and address and questions.
3. Billing system review. This review evaluates the capacity of the existing billing system and recommends updates if required.
4. Development of local evapotranspiration data. Weather data that is needed has been recorded by two existing weather stations in Rialto located on the north end and the other on the south end of the City.
5. Cost-of-service analysis/rate study. This examination is necessary to develop the specific allocations for each customer, generate the revised rate structure, and characterize the financial impacts.
6. Public involvement activities.

The following work has been accomplished during the month of November:

- OmniEarth has performed geocoding exercise of water meter locations to customer accounts and submitted an exception list of 750 customer accounts, which have no geocoding information.
- Rialto Water Services is assisting the City in identifying and correcting the addresses of the customer accounts on the exception list.

- FG Solutions are preparing revised revenue requirement calculations.

The following work is anticipated for the next period:

- Rialto Water Services and the City have made substantial progress locating the APNs that were initially unknown; however work continues to identify those that remain outstanding.
- FG Solutions delivered the draft revenue requirement to the City for internal review. Staff has reviewed and FG Solutions is incorporating staff comments into the report.
- OmniEarth provided customer data including preliminary indoor and outdoor water budget allocations to FG Solutions. FG Solutions and OmniEarth are working together to resolve any data methodological concerns.
- FG Solutions has begun rate design work using customer data provided by OmniEarth.

RECOMMENDATION:

Staff recommends the Utilities Commission receive this report for the month of January 2017.

Report Prepared by: Susanne Wilcox, Administrative Analyst

Utility Commission Report

December 2016



Operated By



Utility Commission Monthly Report for Wastewater Operations, December 2016

Compliance Statement

In December 2016 the VWNA-Rialto facility remained 100% compliant with the discharge requirements specified in Order No. R8-2014-0010, NPDES No. CA-0105295.

Monthly Regional Water Quality Control Board Discharge Monitoring Report (DMR)

The monthly DMR for December 2016 was completed and sent to the Santa Ana Regional Water Quality Control Board (SARWQCB) Region 8, electronically via the California Integrated Water Quality System (CIWQS).

Treatment Facility Overview

The average daily influent flow calculated from influent flow meter reads in December was 6.8 Million Gallons per Day (MGD). Based on influent flow meter reads, a total of 210 MGD entered the facility for treatment this month.

There were 968.89 wet tons of treated and stabilized (anaerobically digested) biosolids hauled from the VWNA-Rialto facility by Nursery Products to their designated processing site in Helendale, California. The estimated hauled biosolids costs for the month of December were \$46,506.72.

Citizen Complaints

Veolia-Rialto staff received no citizen complaints related to the Water Reclamation Facility this month.

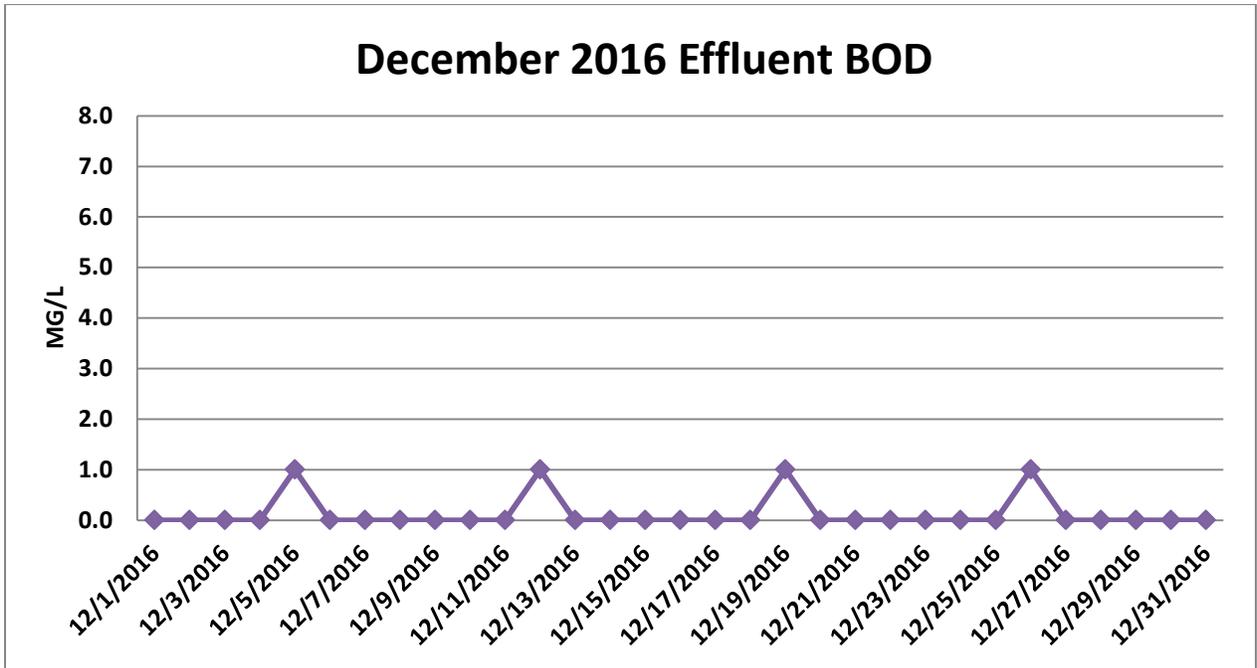
Major Equipment/Process Information

- Plant 5 Mixed Liquor Pump #1 feeder wires have a ground fault between the pump and the VFD. Davis Electric is currently working on these repairs.
- Multiple Field Logic Unit (FLU) failures occurred in July due to excessive heat. FLU failures are continuing to be addressed as an ORR project.
- Five out of the eight Plant 5 mixers are showing signs of failure. Annual PMs have shown a potential for failure. Veolia is working a rotation schedule so the mixers can be repaired with the least amount of disruption. Mixer #8 was replaced (new) and mixers #4 & #6 have been repaired. There is currently a mixer out for repair. Upon its return Mixer #5 will be repaired followed by Mixer #1.

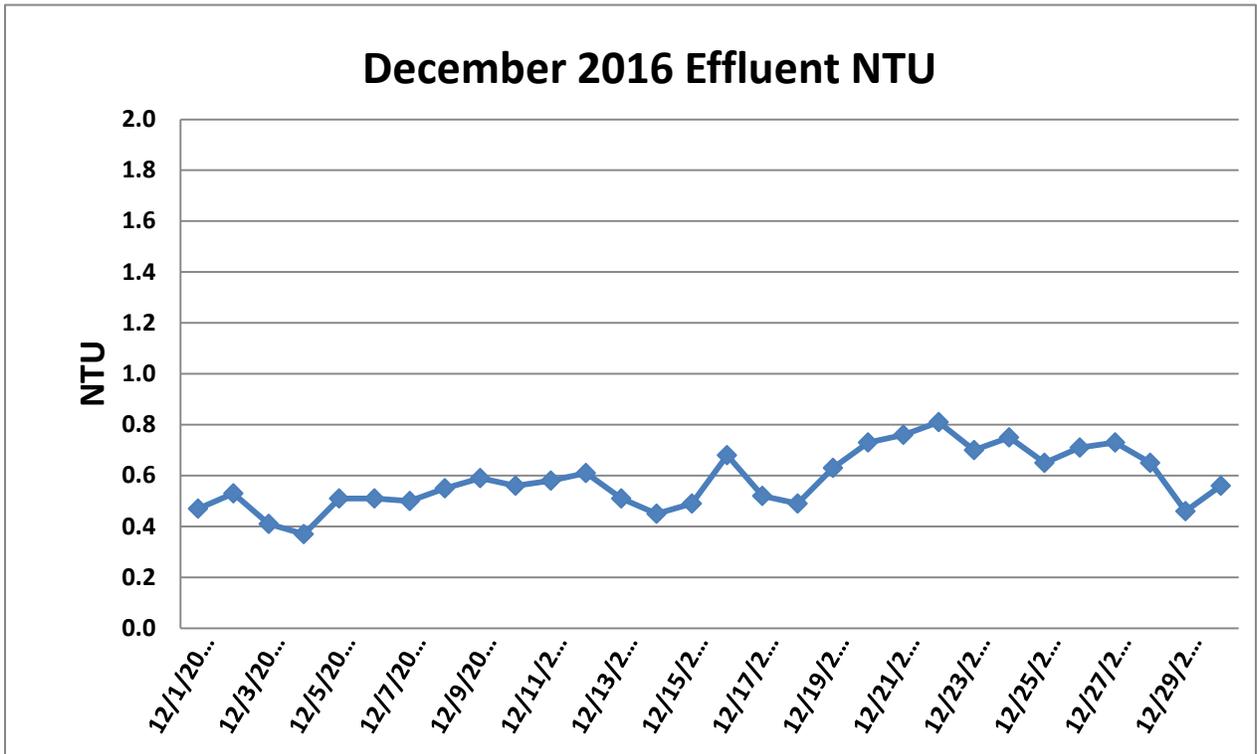
Plant Data Overview

Final Effluent Data	Min.	Max.	Avg.	Permit Limit	Permit Compliant
Effluent Flow, MGD	5.3	7.5	6.3	11.7 MGD	Yes
Turbidity, NTU (Daily Avg)	0.41	1.4	0.84	< 2.0 Daily Avg	Yes
Coliform, MPN (7 - Day Median)	< 1.8	< 1.8	< 1.8	23 Daily Max	Yes
Chlorine Residual, mg/L	< 0.10	< 0.10	< 0.10	< 0.10	Yes
Ammonia-Nitrogen, mg/L	< 0.10	0.10	< 0.10	4.5	Yes
TIN, mg/L	10.0	10.0	10.0	10 mg/L - 12 Mo. Avg.	Yes
TDS, mg/L (Pre-Disinfection)	488	488	488	490 - 12 Month Rolling Avg Filter Eff	Yes
TDS, mg/L (Post-Disinfection)	533	533	533	490 - 12 Month Rolling Avg Final Eff	Yes
pH, Standard Units	7.23	7.46	7.38	6.5 – 8.5	Yes
BOD, mg/L	2.0	2.9	2.3	20	Yes
TSS, mg/L	0.4	1.9	1.4	20	Yes
Cyanide, µg/L	< 2.0	< 2.0	< 2.0	4.2	Yes

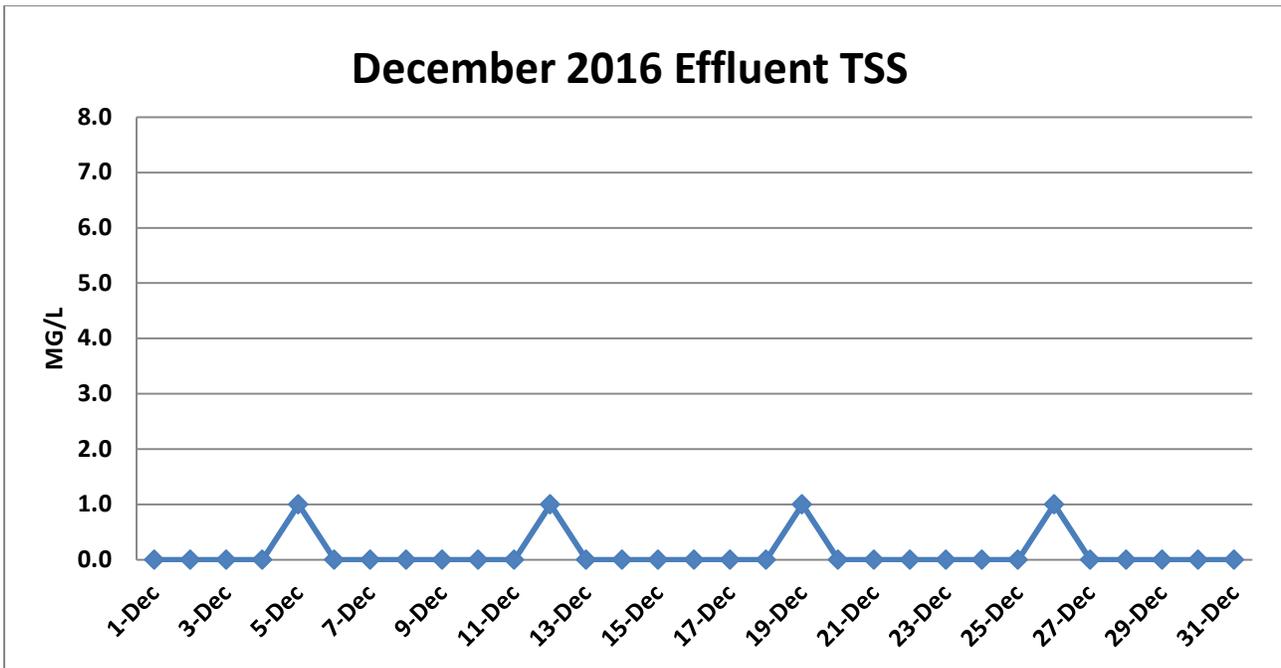
Additional Facility Data	Min.	Max.	Avg.	Permit Limit	Permit Compliant
Influent Flow, MDG	6.3	8.1	6.8	11.7	Yes
Influent BOD, mg/L (Monthly Avg.)	240	320	278	N/A	N/A
Influent TSS, mg/ (Monthly Avg.)	178	248	220	N/A	N/A
BOD Percent Removal (Monthly Avg.)	98.8	99.4	99.2	> 85%	Yes
TSS Percent Removal (Monthly Avg.)	99.1	99.8	99.4	> 85%	Yes
Reclaimed Water (Mgals)	0	0.018	0.0006	N/A	N/A
Natural Gas Use (cf/day)	10,600	33,500	19,006	N/A	N/A
Digester Gas Production (cf/day)	110,544	199,670	163,077	N/A	N/A
Sodium Hypochlorite Use (Gals/Day)	509	1,188	791	N/A	N/A
Sodium Bisulfite Use (Gals/Day)	118	588	307	N/A	N/A
Ferrous Chloride Use (Gals/Day)	95	242	156	N/A	N/A
Polymer Use, Gravity Belt (Gals/Day)	6	10	8	N/A	N/A
Polymer Use, Belt Press (Gals/Day)	0	30	16	N/A	N/A
Aluminum Sulfate Use (Gals/Day)	4	4	4	N/A	N/A



*Only sample dates will show peaks. Sample dates are on Mondays.



*Only sample dates will show peaks. Sample dates are on Mondays.



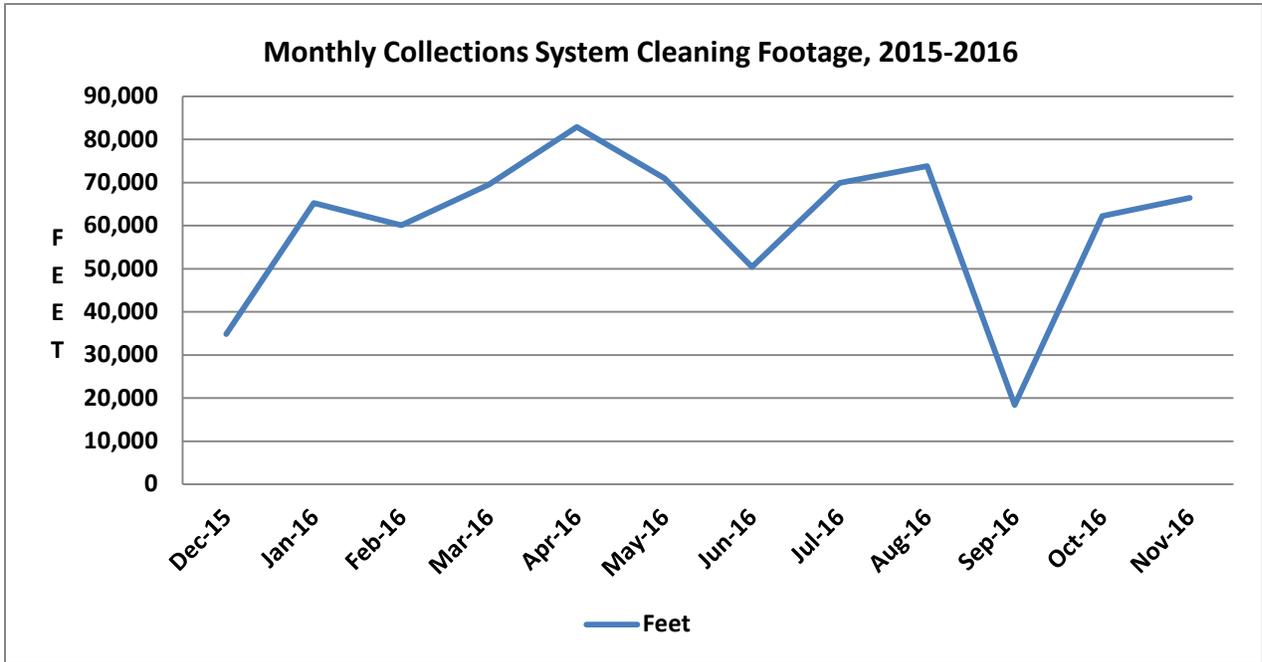
PLANNED AND CORRECTIVE (UNPLANNED) MAINTENANCE

There were 135 PM’s completed in December 2016 and 34 Corrective (Unplanned) Maintenance completed on-schedule for an 71% completion rate. A total of 171 man-hours were spent on PM tasks and a total of 183 man-hours spent on CM tasks for a total of 354 hours and 48% hours spent.

NOTE – Preventive Maintenance Work Orders are generated and assigned a time value and to staff based on a specific project and/or piece of equipment. The work order task ranges in time depending on the nature of the task. When the task is completed the employee who completed the task then assigns a time value to the work order.

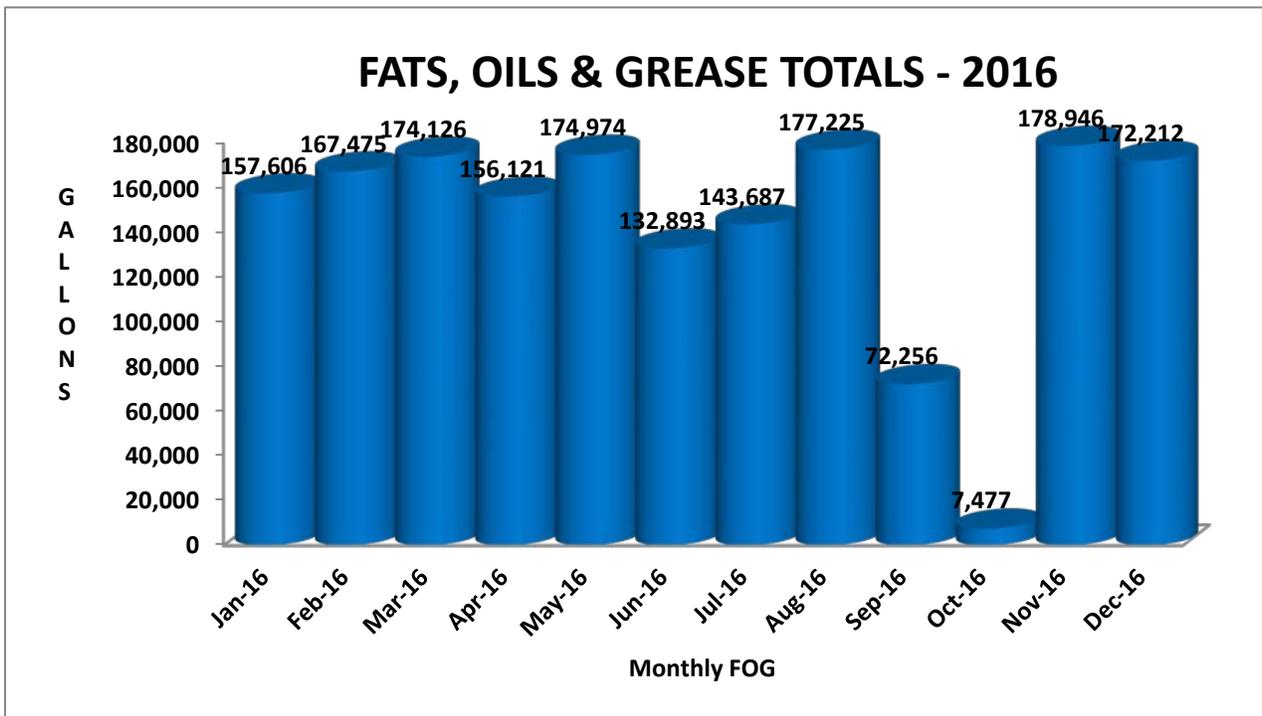
Collections Cleaning Footage for December 2016:

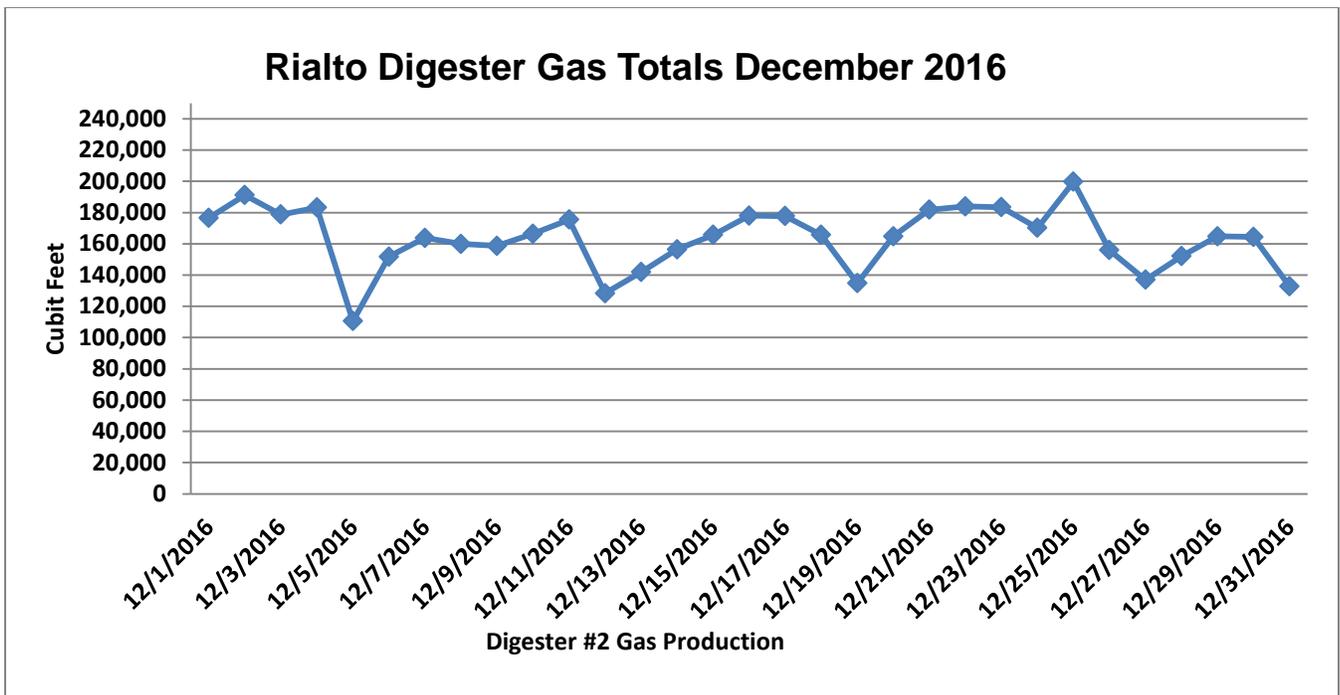
- 55,428 feet of sewer line was cleaned. The Hot List total cleaning footage was 7,776 feet. This footage is included in the overall totals.
- CCTV inspection quota has been met for the year. Manhole inspection quota has been met for the year. Veolia conducted 98 Underground Utility Inspections and Markings.



FOG Information (Fats, Oils & Grease)

Total Monthly FOG received was 172,212 gallons. FOG receiving resumed on October 20, 2016 after repair of condensate tank.





Collection System Report

There were zero (0) sewer call-outs this month and one (1) sanitary sewer overflow.

Date	Address	Comments	Personnel	Manhole	To Manhole
12/11/2016	Foothill and Riverside Avenue	The Collections Crew received a call for a sewer spill at Foothill and Riverside Avenue. The spill was determined to be 1,300 gallons and was contained in the storm drain system. The Collections Crew recovered the spill, cleaned and disinfected the storm drains	P.H./R.R./J.B.	234-09	234-08

Environmental Testing/Monitoring by Local, State or Federal Agencies

No additional information or changes for this month.

Staffing Level

Veolia is currently recruiting the following positions:

- Maintenance Tech III Lead.
- Wastewater Project Manager (Grade V).

Administrative

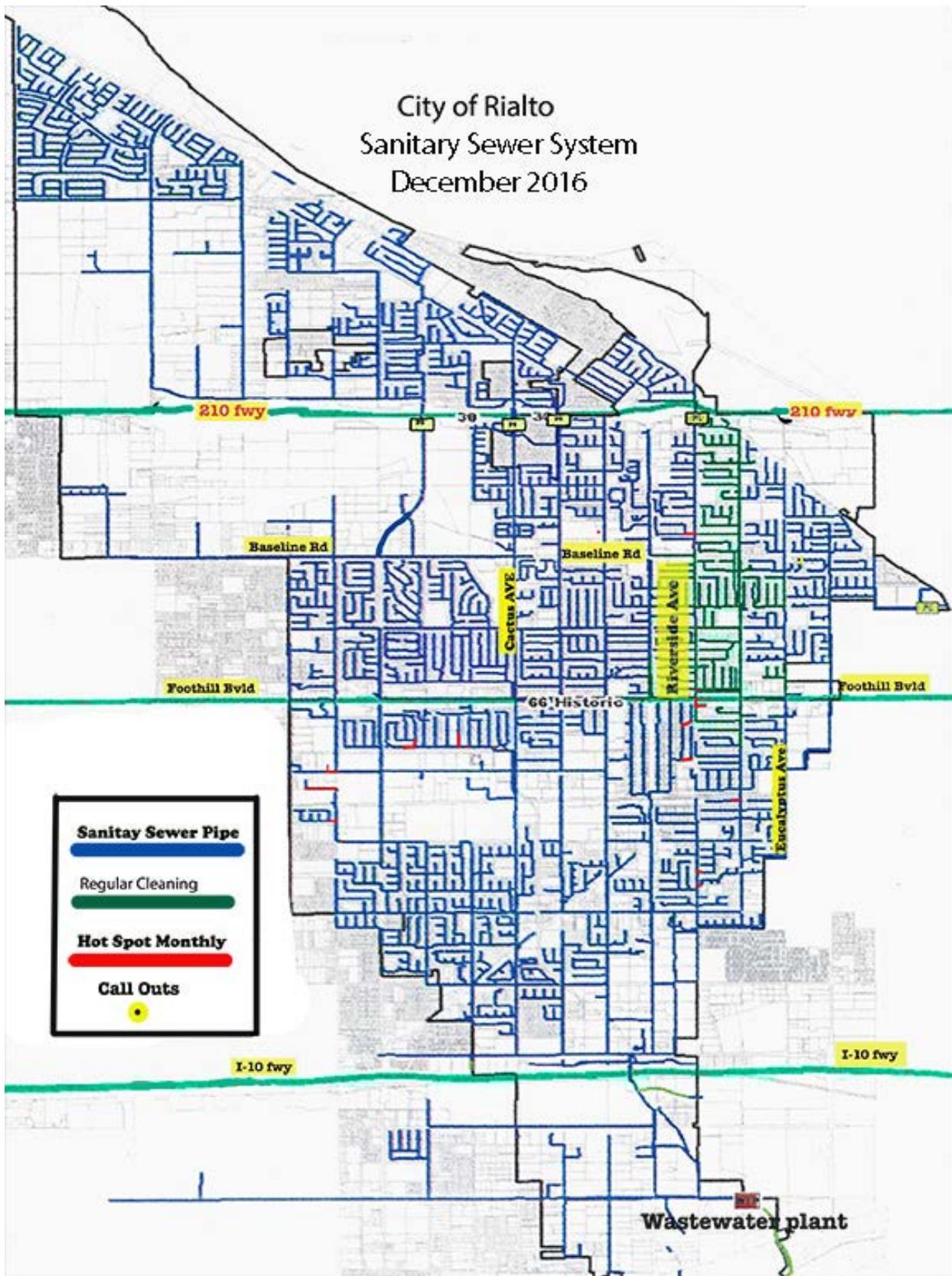
No New Safety Work Orders generated in December 2016.

The Veolia-Rialto Safety Committee agenda items this month were:

- Bloodborne Pathogens: Exposure In The Workplace

Next month: HazCom: What you Need to Know

City of Rialto
Sanitary Sewer System
December 2016



GLOSSARY:

- BOD: Biochemical Oxygen Demand
- CF/Day: Cubic Feet per Day
- CM: Corrective Maintenance
- DMR: Discharge Monitoring Report
- FOG: Fats, Oil, Grease
- MGD: Million Gallons per Day
- mg/L: Milligrams per Liter
- MPN: Most Probable Number
- N/A: Not applicable
- NPDES: National Pollutant Discharge Elimination System
- NTU: Nephelometric Turbidity Units
- pH: Units used to measure if a solution is base, acid, or neutral
- PM: Planned Maintenance
- TDS: Total Dissolved Solids
- TIN: Total Inorganic Nitrogen
- TSS: Total Suspended Solids
- VVNA: Veolia Water North America
- FLU: Field Logic Unit

WATER CONSERVATION INFORMATION

Calendar Year 2016

1. General Information

Please follow the guidelines on the back of this form.

Contact : John Terry
 Title: Project Manager
 Phone: (909) 820-0400
 Fax:
 E-mail: john.terry@veolia.com
 Website: www.rialto.ca.gov
 Communities served: City of Rialto

County: San Bernardino
 Population served: 54,453

2. Active Service Connections

Customer Class	Recycled Water		Potable Water		Inside City Limits		Outside City Limits	
	Metered	Unmetered	Metered	Unmetered	Metered	Unmetered	Metered	Unmetered
Single Family Residential			10,761					
Multi-family Residential			926					
Commercial/Institutional			269					
Industrial								
Landscape Irrigation	1							
Other (Firelines)			108					
Agricultural Irrigation								
TOTAL	1	1	11956	108	0	0	0	0

Complete this portion if the system serves all or part of an incorporated city

3. Total Water Into the System - Units of production: acre feet

	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Wells	228.42	232.77	174.23	277.22	248.84	421.98	489.27	413.58	363.90	423.62	377.06	176.91	244.58	3833.96
Cedar Meter	111.80	93.45	89.76	95.98	102.93	70.96	55.78	77.79	74.18	69.91	89.58	86.72	88.64	995.68
Baseline Feeder (BLF) at Cactus Res.	209.31	89.82	11.38	181.97	285.07	172.78	230.25	280.25	183.58	15.91	22.24	79.89	28.79	1581.91
Booster 6-9 (BLF)	28.83	82.20	229.71	1.08	1.88	0.07	82.46	220.39	296.74	275.56	234.01	268.44	166.36	1858.90
Total Potable	578.36	498.24	505.08	556.25	638.72	665.79	857.74	992.01	908.40	785.00	722.89	611.96	528.37	8270.45
2013 Total Potable	614.30	574.67	574.67	724.98	859.80	959.53	1020.99	1158.71	1125.52	1039.53	913.61	741.10	620.29	10353.03
2013/2016 % Change	18.89%	12.11%	19%	23.27%	25.71%	30.61%	15.99%	14.39%	19.29%	24.49%	20.88%	17.43%	14.82%	

Cumulative Reduction % June 1, 2015

20%	19%	19%	19%	20%	20%	21%	21%	20%	20%	20%	20%	20%	20%	20%
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1 - Potable wholesale supplier(s): SBMWD

Total City Well 4A (shared line -BLF)

Units of production: acre feet	112.34	240.41	0.14	234.24	104.47	81.06	232.90	286.83	275.81	89.23	212.47	92.92	1962.82
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Total Recycled Water

Units of delivery:	1.52	1.33	0.92	1.53	1.32	1.28	1.99	2.91	2.73	1.66	2.12	0.06	19.37
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2 - Recycled wholesale supplier(s):
 Level of treatment: CITY OF RIALTO

4. Metered Water Deliveries - Units of delivery: acre feet

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
A. Single Family Residential (SFR)	390.92	303.81	331.36	422.59	366.87	423.44	638.27	541.27	536.57	606.78	411.97	366.29	5340.14
B. Commercial/Institutional	113.69	88.29	107.41	135.29	123.79	134.10	190.26	167.27	174.79	201.98	143.48	131.10	1711.45
C. Landscape Irrigation	18.60	7.70	11.79	17.43	25.29	32.85	51.49	51.65	51.56	61.83	37.96	30.87	399.02
D. Hydrant Meters	7.51	66.64	-13.02	18.65	14.55	13.51	19.42	18.28	12.52	22.84	9.67	11.25	201.82
E. Total Urban Retail (A thru D)	530.72	466.44	437.54	593.96	530.50	603.90	899.44	778.47	775.44	893.43	603.08	539.51	7652.43
F. Wholesale (to Marygold)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Metered Sales (E thru F)	530.72	466.44	437.54	593.96	530.50	603.90	899.44	778.47	775.44	893.43	603.08	539.51	7652.43
Meter Sales - Recycled Water	1.52	1.33	0.92	1.53	1.32	1.28	1.99	2.91	2.73	1.66	2.12	0.06	19.37
2016 GPCD	72.49	79.82	79.03	93.64	91.38	122.85	139.02	124.85	110.24	97.26	84.84	70.78	
2013 GPCD	144.99	84.12	55.94	131.83	120.31	177.28	153.83	157.13	198.47	136.97	154.45	94.81	
2013/2016 % Change	50.00%	-41.28%	28.97%	24.05%	30.70%	9.63%	20.54%	44.46%	28.99%	45.07%	25.35%	28%	
Cumulative GPCD Reduction % June 1, 2015	32%	30%	27%	28%	27%	28%	26%	26%	27%	27%	29%	28%	

Non-revenue water = 7.47%

City of Rialto's Water Report for 2016

	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total month Prod. Acre Feet	498.24	505.08	556.25	638.72	665.79	857.74	992.01	908.40	785.00	722.89	611.96	528.37
2015's monthly Prod. Acre Feet	694.77	607.01	746.93	714.28	729.99	861.47	821.75	933.46	1,039.53	691.99	619.31	578.36
Max. Water Day (MGD)	6.6	8.3	7.8	9.2	7.7	11.7	11.6	10.6	10.4	11.7	11.4	10

Water Levels

Wells	depth of bowls	Historical Low	Jan	Feb	March	April	May	June	July	Aug	Sept.	Oct.	Nov.	Dec.
Chino # 1	(580 ft) In-active well	404'	406'	411'	411'	411'	418'	411'	411'	411'	410'	400'	391'	405'
Chino # 2	(550 ft)	360'	337'	342'	346'	346'	359'	341'	353'	349'	349'	342'	335'	334'
City # 1	(260 ft) Dry	392'	290'	349'	294'	294'	361'	361'	361'	360'	373'	378'	372'	400'
City # 2	(480 ft)	402'	out of service	358'	340'	340'	338'	358'	370'	389'	381'	377'	375'	377'
City # 3	(525 ft)	475'	428'	437'	441'	441'	441'	432'	426'	428'	428'	441'	441'	335'
City # 4	(360 ft)	285'	309'	313'	313'	313'	315'	323'	324'	338'	334'	330'	295'	316'
City # 5	(385 ft) Out of service	355'	315'	315'	316'	316'	319'	319'	320'	319'	319'	319'	319'	322'
City # 6	(306 ft) Out of service	288'	263'	263'	264'	264'	267'	272'	274'	272'	273'	273'	273'	282'
Rialto # 1	(650 ft) In-active well	588'	549'	549'	551'	551'	550'	553'	558'	546'	546'	541'	545'	538'
Rialto # 2	(550 ft) Out of service	482'	482'	480'	481'	481'	483'	483'	481'	484'	483'	484'	483'	482'
Rialto # 3	(480 ft)	447'	450'	450'	450'	450'	450'	449'	451'	451'	453'	442'	436'	429'
Rialto # 4	(450 ft) In-active	413'	393'	393'	393'	393'	394'	395'	392'	394'	394'	396'	395'	395'
Rialto # 5	(560 ft)	361'	365'	362'	362'	362'	361'	365'	361'	363'	364'	364'	363'	365'
Rialto # 6	Leased to West Valley	375'	out of service											
Rialto Well # 7	Out of service	342'	343'	340'	340'	340'	342'	344'	340'	340'	340'	340'	340'	343'
Miro # 3	(400 ft)			454'	452'	452'	451'	453'	450'	458'	455'	454'	454'	453'

Total For Each Basin

	Entitlement	Total amount to Date
Lytle Creek (City Wells)	3,683 Acre feet	1,332.47
Stream (Filter Plant)	1,676 Acre feet	995.68
Rialto Basin (Rialto Wells)	1,568.88 Acre Feet*	1,112.91
Chino Riverside Basin	No restrictions	1,388.58
SBVMWD (Ferris / 9 th St) - City Well 4A	Baseline Feeder	1,477.99
SBMWD (inflow meter)	Meter site	
Bunkerhill (City # 4)	Meter site	1,962.82
WSBCWD (inflow meter)	Meter site	
Fontana Water (inflow)	Meter site	
Marygold (outflow meter)	end of agreement	
2016 Total (Jan to Date in Acre ft)		8,270.45
Total for 2015 (Acre ft.)		8,771.21

*
 4,366 x 32% = 1,397.12 ac ft
 4,366 - 1,397.12 = 2,968.88 ac ft
 2,968.88 - 1,600 (leased to county) = 1,368.88 ac ft
 1,368.88 + 200 (purchased from Colton) = 1,568.88 ac ft

Rainfall

Rainfall For This Month (inches)	1.52
Rainfall From July to Current Date (inches)	5.25
Average Rainfall This month per Day (inches)	0.05
Average Rainfall From July-June per Day (inches)	0.03

Weather station report

Day Time		Night time	
High	Avg Day	High	Avg night
74	58.5	55	44

Monthly totals Year to date totals

Service Lines	4	69
Fire Hydrants	2	12

**CITY OF RIALTO
RAINFALL FOR FIVE YEARS**

SEASON	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	TOTAL
2012-13	0.11	0.00	0.00	0.30	0.63	2.60	1.29	0.03	0.82	0.02	0.16	0.00	5.96
2013-14	0.08	0.36	0.00	0.10	1.54	0.98	0.00	1.08	2.79	0.88	0.00	0.00	7.81
2014-15	0.00	2.80	0.00	0.00	1.40	5.58	0.88	1.10	0.17	0.16	1.11	0.00	13.20
2015-16	0.91	0.00	1.57	1.91	0.32	1.48	2.40	0.50	0.68	0.77	0.10	0.00	10.64
2016-17	0.00	0.00	0.00	0.55	3.18	1.52							5.25

July 16- June 17 = 5.25 INCHES

YEAR TO DATE FOR 2016 = 9.7 INCHES

AVG. RAINFALL FOR LAST FIVE YEARS = 8.87 INCHES

AVG. RAINFALL FOR SAN BERNARDINO COUNTY FOR THE LAST 100 YEARS = 16.25 INCHES

2016	Jan	Feb.	March	April	May	June	July	Aug.	Sept.	Oct	Nov	Dec.	Total
Totals	2.40	0.50	0.68	0.77	0.10	0.00	0.00	0.00	0.00	0.55	3.18	1.52	9.70

Highest levels of rainfall recorded above 30 inches

1883-84	1936-37	1940-41	1968-69	1977-78	1979-80	1982-83	2004-05
37.51"	31.93"	35.90"	31.80"	35.18"	30.67"	30.12"	30.07"

Lowest levels of rainfall recorded below 5 inches

1988-89	1989-90	2001-02	2006-07
4.70"	4.90"	4.66"	3.03"

2016	Jan	Feb.	March	April	May	June	July	Aug.	Sept.	Oct	Nov	Dec.
TDS	251.56	235.36	208.77	244.57	223.96	265.56	257.54	228.29	232.12	252.16	257.62	266.74



Monitoring Report Acknowledgement for 1216

1 message

SWRCB Office Research, Planning & Performance <drinc@waterboards.ca.gov>

4 January 2017 at 11:20

Reply-To: "SWRCB Office Research, Planning & Performance" <drinc@waterboards.ca.gov>

To: stephanee.stafford@veolia.com

Hello stephanee stafford,

Thank you for your Monitoring Report. Below is the information you have submitted for the month of 1216. If this information is incorrect, please re-submit your report for the month with the corrected information. We use your most recently submitted monthly report in our calculations.

Reporter	stephanee stafford
Urban Water Supplier/Number	Rialto City of (750)
Reporting Month	1216
Stage/Mandatory	2 Yes
Days Outside Irrigation	4
Total Potable Water Production	528.37 AF
2013 Same Month Production	620.29 AF
CII Water	131.10 AF
Commercial Agricultural Water	AF
Commercial Agricultural Water 2013	AF
Recycled Water	.06 AF
Non-revenue Water	AF
Residential Use Percentage	69 %
Population	54453
Estimated R-GPCD	70.78
Number Complaints	4
Number Follow-ups	4
Number Warnings	4
Rate Penalties	0
Other Penalties	0
Enforcement Actions	

Raised rates,Reduced allowed outdoor irrigation days,Restricted

Actions Taken allowed outdoor irrigation times, Instituted new prohibitions on specific water uses

Implementation Comments

All customers are asked for a voluntary minimum of 15% reduction in their water consumption over their last year's consumption, unless otherwise stated. Washing of automobiles, trucks, trailers, boats, airplanes and other types of mobile equipment is prohibited. Washing of the above listed vehicles or mobile equipment shall be done only at a commercial car wash where recycled water is being utilized. Such washings are exempt from these regulations when the health, safety, and welfare of the public is contingent upon frequent vehicle cleaning such as garbage trucks and vehicles used to transport food and perishables. New water service shall be installed but water shall be used before occupancy for essential construction only and for testing of landscape irrigation systems. The installation of new landscaping for all new development/projects must be approved by the city. Commercial nurseries shall use water only between the hours of eleven p.m. and six a.m., and only with hand-held devices or with drip irrigation, and consumption shall be reduced to 15% less than the customer's last year's comparable billing period unless they are using reclaimed water. School grounds shall be watered only on odd numbered days except where they are equipped with electronic moisture sensor control systems and/or drip irrigation systems. All watering shall be done between the hours of 6 p.m. and 8 a.m. and consumption shall be reduced to 15% less than the customer's last year's comparable billing period unless they are using reclaimed water. All other publicly owned lawns, landscape, parks and freeways shall be watered on even-numbered days unless equipped with electronic moisture sensor control system and/or drip irrigation system. All watering shall be done only between the hours of 6 p.m. and 8 a.m. and consumption shall be reduced to 15% less than the customer's last year's comparable billing period unless they are using reclaimed water. Water being used during repair or maintenance of a watering system is exempt from this section. All other lawn and landscape irrigation (including residential) shall be done as follows: users with house numbers ending in an even number shall water on even numbered days only. Users with house number ending in an odd number shall water on odd numbered days only, except where equipped with electronic moisture sensor control system and/or drip irrigation systems. All watering shall be done between the hours of 6pm and 8 am. Swimming pools, ornamental ponds, fountains, and artificial lakes shall not be filled or refilled after being drained. All restaurants are prohibited from serving water to their customers except when specifically requested by the customer. Water used for compaction, dust control, and other types of construction shall be by permit only and will be limited to conditions of the permit or may be prohibited as determined by the city administrator, or his/her designee.

Qualification

State Water Resources Control Board
Office of Research, Planning & Performance



UTILITY COMMISSION REPORT
RWS Customer Service
December 2016

BILLING

During the month of December, a total of 21,000 bills were produced. With 15 adjustments issued, a billing accuracy rate of 99.93% was achieved, meeting the goal of 99%.

BILLED AMOUNT & CONSUMPTION

Services	Net Billed Amount	Consumption (HFC)
Water	\$878,943.81	235,007
Sewer	\$1,627,962.24	29,173*

* Most sewer accounts are not consumption based

Comparing the above data against the previous month and year, and considering the number of billed days (35 vs. 28), water usage has increased slightly.

Dec. 2016 versus Nov. 2016 (by volume)	-10%
Dec. 2016 versus Dec. 2015 (by volume)	+2%

CALL CENTER METRICS (including wrap codes & Automated Phone Payment System)

	Total Inbound Call	Answered	Answered %	Payment Wrap Code	Answered within 30 sec.	Avg. Waite Time	Avg. Talk Time
Dec-2015	6,110	4,379	71.7%	14.1%	24%	4:33	NA
Nov-2016	4,835	3,892	80.5%	21.6%	28%	4:23	3:11
Dec-2016	3,829	3,164	82.6%	3.3%	33%	3:35	2:59

In December, the customer service team received a total of 3,829 calls and 3,164 calls were answered with an average wait time of 3 minutes and 35 seconds.

Our current goal is to answer 80% of calls within 30 seconds and only 33% of the calls were answered meeting this goal. The code entered by the agent at the end of the call (wrap code) shows that 3.3% of the calls were related to payment over the phone.

Recent decreases in the number of calls, answered by the CSR, are attributed to recent roll out of “Automated Payment over the Phone system”. Also, during the month of December, online service with following features has been rolled out.

- No transaction fee.
- One time pay.
- Scheduled auto pay.
- Electronic bills (e-bills)
- Accepts Visa™, MasterCard™ and ACH using bank accounts.

December Automated Payment Transactions:

Pay over the Phone	2676	
Pay Online Services	726	Partial Month

Above automated transactions are only 16% of all bills due during the month of December.

BAD DEBT

No past due amounts have been moved to bad debt and submitted for collection during this reporting month.

AGING BALANCES

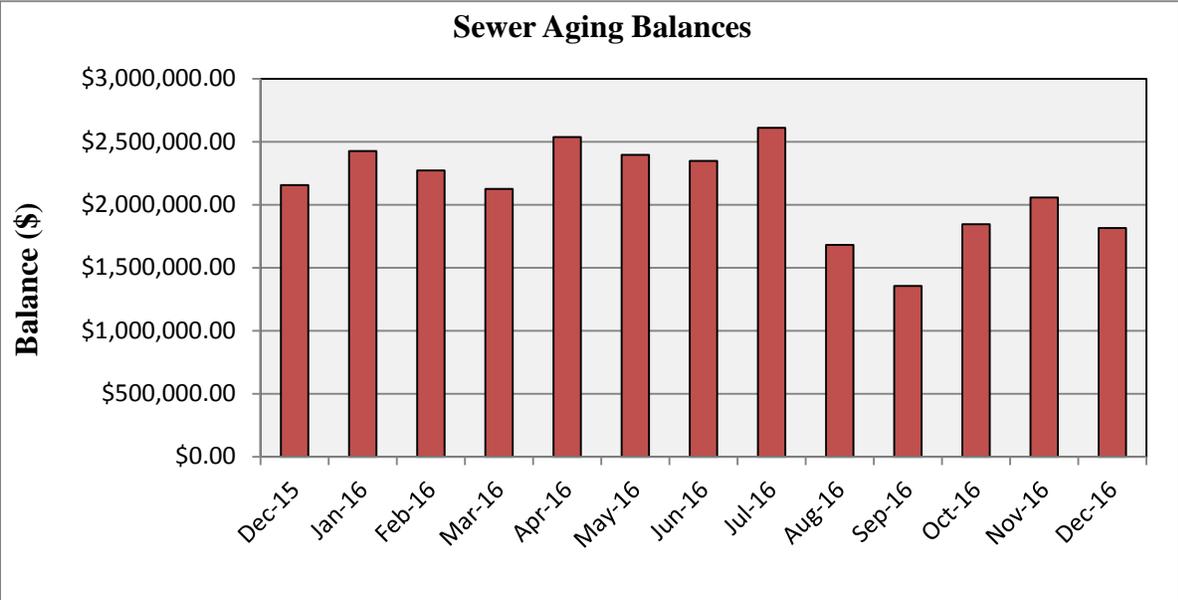
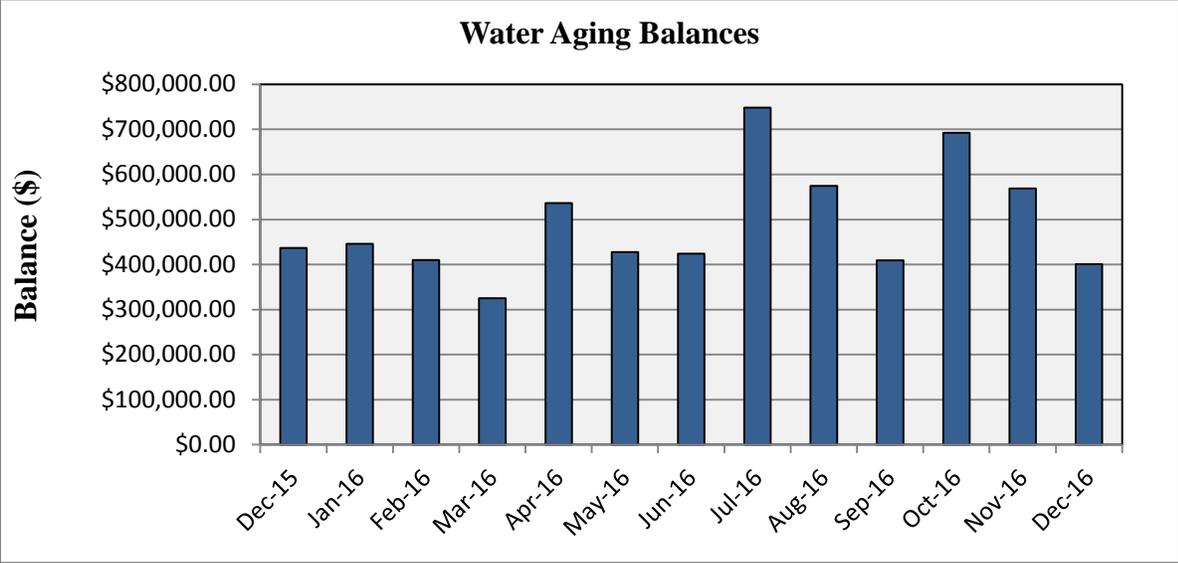
	November-16			December-16			Difference
	<= 30 days	> 30 days	Total	<= 30 days	> 30 days	Total	
Water	\$365,127.32	\$203,949.40	\$569,076.72	\$239,286.96	\$161,489.04	\$400,776.00	-29%
Sewer	\$1,204,456.15	\$854,106.47	\$2,058,562.62	\$920,676.11	\$895,446.34	\$1,816,122.45	-11%
Total	\$1,569,583.47	\$1,058,055.87	\$2,627,639.34	\$1,159,963.07	\$1,056,935.38	\$2,216,898.45	-15%
Difference				-26%	0%		

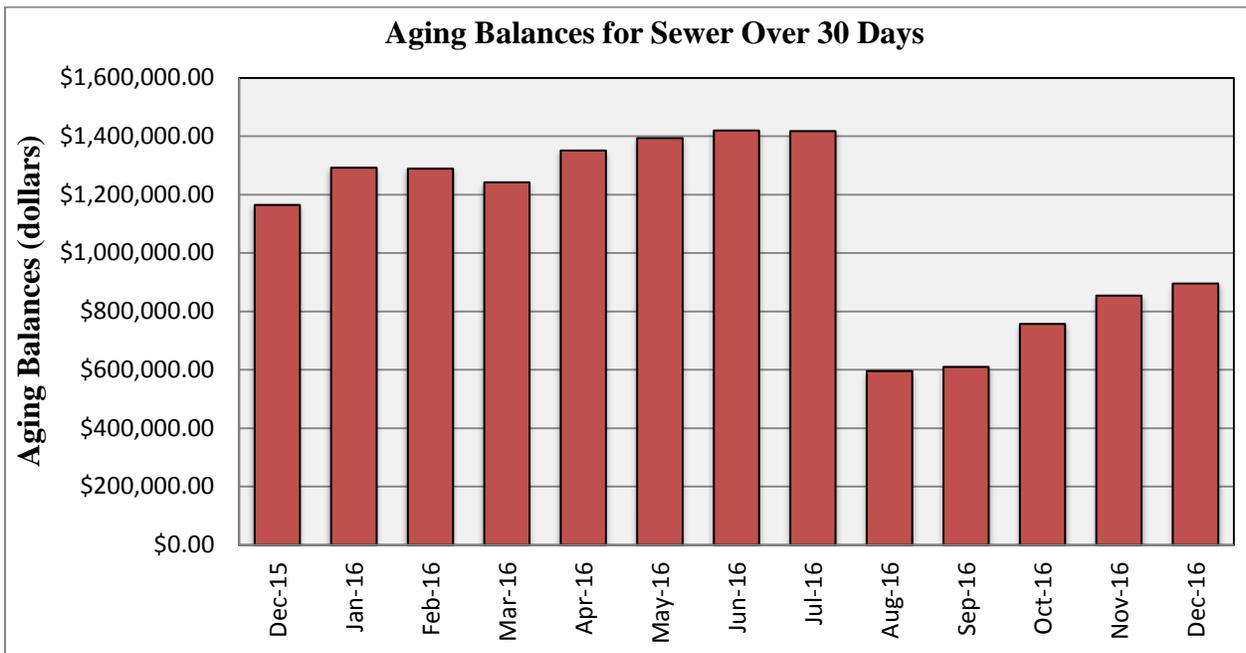
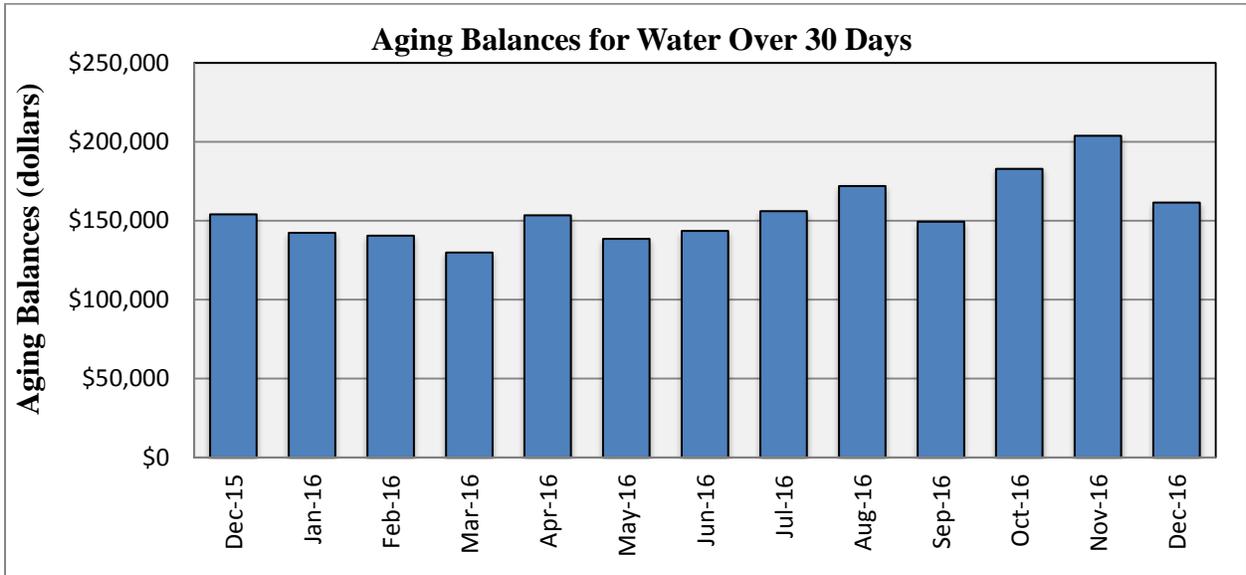
Aging balances for water decreased by 29% and aging sewer balances decreased by 11% when compared against the prior month.

Aging balances, which are greater than 30-days, have not changed compared to the previous month.

CUSTOMER SERVICE TRAINING:

Customer Service Representatives have successfully completed all 12 safety training courses during the 4th quarter of 2016.





December 2016 Utility Commission Monthly Report for Facility Improvement Projects (FIP)

Active Projects

WA – Meter Replacement – (Year 4) 800 meters were replaced by the end of December 2016. Complete list for City inspection will be submitted by January 6, 2017.

WC - Small Diameter Galvanized Main Replacement – Veolia provided the City with a Conceptual Design (CD) memo on July 8, 2016 with a preliminary cost and schedule. The City responded to the memo on July 27, 2016 requesting further detail in the breakdown of the costs. Veolia responded on September 7, 2016 with a revised CD memo to the City for review. The City approved the memo and costs on December 6, 2016.

WD - Small Dead End Mains (Looping) Project

Veolia and the City had an SCD meeting on November 1st, 2016 for approval of the design. City asked that a basis of bearing be added to the design. Veolia will make the changes to the design and resubmit to the City by January 6, 2017.

Metrolink location - Veolia submitted the permit and plans for review to SANBAG on March 18, 2016. SANBAG's engineering department approved the plans and requested a lease agreement application which will be completed by the City. City submitted the application for permit on September 6, 2016 to SANBAG.

Elm Development - The second looping project was approved by the Elm Development's Home Owners Association (HOA) as requested by the City on April 20, 2016. The City requested in early July that a legal plat be issued for the property section where the water main will be built. Veolia submitted on July 25, 2016 a proposal for the work towards a legal plat. The City is also seeking proposals with its in house contractor for the legal plat work.

WE - Large Valve Replacement – Veolia provided a memo with recommendations to the City on December 1, 2015 to fix four broken valves. The project Substantially Complete Design (SCD) was approved on March 27, 2015. Veolia solicited bids and received one complete bid in February 2016. The project was rebid on May 11th through a local bid house. Five contractors showed interest and only one submitted a bid. A Final Cost Work Authorization (FCWA) was submitted to the City by July 5, 2016. The project was approved by Council on August 9, 2016. Construction began on November 17, 2016 and was completed on December 15, 2016.

SB - Mainline Repair and Lining – Last year, in order to support 2016 project recommendations, Veolia inspected 127,484 lineal feet (24.14 miles) of pipe and Murgreen and

Houston & Harris, two third- party contractors, also inspected approximately 9.96 miles of pipe. Data for 14.4 miles of pipe was reviewed (the remaining pipe had no substantial issues). 49 point repairs and 10 to 16 pipe segment replacements were identified and recommended for repair. Collections returned the CD memo with comments for inclusion of hotspots in July. The memo will be revised and submitted by January 6, 2017.

S1 - Wastewater Treatment Plant upgrade – AECOM submitted a Draft Technical Memorandum to the City on June 28, 2016. West Yost provided comments on July 15, 2016. Veolia distributed AECOM submitted its Task 2 Technical Memorandum on August 2, 2016. ARUP, RWS’s consultant, returned their review of the memo with minor comments on August 29, 2016. City Council approved Task 2A or 2B costs and scope to move forward with the project on September 27, 2016. On October 31 an official notice to proceed was provided to AECOM to commence Task 3 for Option 2B. A kickoff meeting took place on November 9 and since then bi-weekly calls have been established. A follow meeting is scheduled for January 12, 2017.

S3 - Sycamore and Etiwanda - Sewer Pipeline Replacement – Veolia reviewed their sub-consultants’ 100% design plans and sent the plans to the City for review on February 22, 2016. Comments were returned on March 1, 2016. Veolia responded to comments on March 23, 2016. Additional comments were returned on March 28, 2016. Approval of the SCD was given on April 13. Veolia bid the project on April 29. Bids returned on June 17th and the lowest responsible bidder was chosen. City Council approved this and project S4 together on September 27, 2016. A kickoff meeting was held with the City on October 11th, 2016. CCTV inspection was performed on December 15, 2016.

S4 - Willow and Foothill - Sewer Pipeline Replacement – This project has been combined with and is being implemented concurrently with Project S3.

WB - Service Line Replacement – This project has been placed on hold due to the absence of polybutylene service lines. In support of future service line replacement planning, Veolia is collecting data in 2016 on pipe material and condition. As requested by the City, Veolia submitted to the City a list of addresses of commercial businesses that do not have a backflow device for the City’s consideration of a project that might be partially implemented as a component of WB.

W1 - Water System SCADA Improvements – One complete bid was received for the project from Tesco. The Council took action on the FCWA at the June 28, 2016 meeting; however, the FCWA approval included conditions that are under further discussion by RWS and the City. A notice to proceed with design was issued to Tesco on October 18th, 2016. A kickoff meeting took

place on November 1st. The first workshop took place on November 16th, 2016. A second workshop is scheduled for January 12, 2017.

W4 - Boosters 4 and 5 Improvements – City Council approved the project on December 8, 2015. Veolia had a pre-construction meeting with the City and Subcontractor on January 28, 2016. During implementation, the team discussed that an electrical shutdown is required for the project construction. It was determined that having a shutdown during the high demand season was not optimum; therefore, the shutdown and construction will occur when the water demand is lower. Submittals reviews are underway. Procurement of electrical gear (long lead items) will start in February 2017. Construction Phase 1 is slated to begin in summer 2017.

W5 - Seismic Improvements to Cedar Reservoir – The project as described in the CA has already been completed. This was first observed after an internal inspection revealed a concrete reinforcing wall internal to the tank. However, Veolia was instructed to proceed with, and completed a design. Subsequent to completion of design, documentation confirmed that the scoped work had been completed. In light of this information, the City requested that Veolia develop a cost to inspect the tank internal wall to confirm the presence of reinforcing steel, and to develop a project concept that will protect the tank outlet pipe in the event the tank cover fails during a seismic event, and falls into the tank, obstructing the outlet pipe. On March 29, 2016, Veolia, West Yost, and a DN Tanks representative walked the site to assess the tank. The findings from the job walk were more extensive than anticipated. Only improvements directly needed to fulfill the City's updated project scope was submitted on October 26th for City review. The CD memo was resubmitted on December 1, 2016.

W2 - Chino Well 1 - The initial scope in the contract calls for nitrate blending to address the nitrate impact at this well. However, the well is also impacted by perchlorate, which is not addressed in the CA project description. This well may not be needed to satisfy the City water demand. Veolia met with the City on February 10, 2016 and on June 29, 2016 to discuss the City's water resource strategy. During this meeting, the City requested that Veolia test existing wells, and to establish the cost to install treatment at each well in order to utilize wells with the lowest total dissolved solids (prior strategy was to avoid treatment costs where possible). City staff authorized this work to move forward as an Engineering Study under project WG of the CA.

WG – Engineering Study 1 – Wellhead Treatment Study – This study will include testing of all City-operated wells to determine constituents of concern, development of treatment options to address these constituents, and development of conceptual cost estimates for wellhead treatment. The objective is to later use this information to develop a plan that may utilize wellhead treatment in lieu of potentially costly facilities needed to reduce source water TDS. A CD

intention was presented to City in November and was asked to be slightly modified. A revised CD will be submitted in January 2017.

W6 – City Wells 1 and 2 – Veolia completed an urgent well rehab project for Well 2 using OR&R funds. The selected contractor completed the first portion of the work and the remainder of the Well 2 improvement project is in the design phase. A CD was presented to the City for review on September 6, 2016. Comments were received and addressed, and a CD meeting was held on October 4th, 2016 where the CD was approved. Construction of the FIP project for City Well 2 would need to occur in Fall 2016. The Well 1 improvements are on hold, pending resolution of the City’s water resources needs as discussed above. Well 1 may not be the most cost effective solution satisfying the City’s water demand. An SCD for City Well 2 will be submitted in January 2017.

SA - Manhole Rehabilitation (Year 4) – Veolia prepared a FCWA with Year 4 maps in May 2016. The FCWA package was submitted to the City by June 21, 2016. The project was approved on July 26, 2016. A pre-construction meeting with City representation was held on July 27, 2016. Traffic control plans were reviewed and resubmitted on October 31st for final approval. Construction began on November 9, 2016 and was completed on December 29, 2016.

Completed Projects

WA – Meter Replacement (Year 3) – Veolia completed 800 meter replacements. The City continues to inspect the final list of meters that was submitted on September 7, 2016.

SA - Manhole Rehabilitation (Year 3) – All recommended manholes were rehabilitated as scheduled and completed by March 15, 2016. GASB 34 documents were approved on April 26, 2016 and final payment was made in June 2016.

W7 - Water Main and Valve replacement – This project is now complete. City accepted the GASB 34 documents on April 7, 2016. Final payment was made in June 2016.

WA – Meter Replacement (Years 1 & 2) – As of November 24, 2015 - (1600) sixteen hundred water meters were replaced under years 1 and 2. City inspections occurred and all issues were addressed. GASB 34 documentation was submitted to the City on May 31, 2016.

S1.1 - Digester 1 Wall Cap and Coating – DN Tanks completed the project on April 9, 2015.

City Well 3A – Well packer test was completed during the month of February. SA Associates provided a memo to the City with recommendations on whether this well can be utilized as a

water source due to arsenic impacts. Future utilization of this well is being considered along with other water resource needs (see discussion for Project W2).

W3 - Booster 3 Improvements – Booster 3 Improvements were completed using Operations Repair & Replacement (OR&R) funds.

Projects Removed from FIP by Consensus

S2 - Willow and Randall-Sewer Pipeline Replacement - Leidos updated its model based on field surveys of manholes conducted by Veolia. The data collected indicated that the project is no longer justified so it was removed.

S5 - Sycamore, Rialto, and San Bernardino-Sewer Pipeline Replacement – Determined by City not to be a priority.

S6-Sycamore and Merrill-Sewer Pipeline Replacement – Determined by City not to be a priority.

WF – Hydrant Replacement – Determined by City not to be a priority, currently suspended.



State Plan Seeks To Make Water Conservation A Way of Life

FOR IMMEDIATE RELEASE
November 30, 2016

Contacts:
Ted Thomas, DWR (916) 653-9712
George Kostyrko, SWRCB (916) 341-7365

SACRAMENTO – Working to make water conservation a way of life, State agencies today released a [draft plan](#) for achieving long-term efficient water use and meeting drought preparedness goals that reflect California’s diverse climate, landscape, and demographic conditions.

“Californians rose to the challenge during this historic drought and recognized that conservation is critical in the face of an uncertain future. This plan is about harnessing the creativity and innovation that Californians have shown during the driest years in state history and making water conservation a way of life in the years ahead,” said California Department of Water Resources Director Mark W. Cowin. “This plan will help make permanent changes to water use so California is better prepared for whatever the future brings.”

The new plan’s fundamental premise is that efficient water use helps all of California better prepare for longer and more severe droughts caused by climate change.

California recently suffered the driest four years in state history, with only average rainfall last year, and 75 percent of the state remains in severe drought conditions. Meanwhile, a new report from UCLA projects that the Sierra Nevada snowpack — one of California’s largest sources of water supply — is likely to drop 50 percent by the end of the century due to climate change. Recognizing these risks and many others, today’s plan seeks permanent changes to water use that boost efficiency and prepare for more limited water supplies. These practices will help achieve a top priority in the Governor’s [Water Action Plan](#) - to “Make Conservation a California Way of Life.”

Today’s plan builds on the success of mandatory water restrictions during California’s severe drought and develops long-term water conservation measures that will ensure all communities have sufficient water supplies. This will involve activities such as ensuring farmers plan and prepare for severe drought and permanently banning wasteful practices like hosing off sidewalks and driveways.

“The last few years provided the wake-up call of all wake-up calls that water is precious and not to be taken for granted,” said Felicia Marcus, Chair of the State Water Resources Control Board. “Californians rose to the occasion collectively during the drought. We can build on that success and now prepare for a more unpredictable and disruptive future marked by a changing climate – and do it equitably and cost effectively.”

Today’s plan represents a shift from statewide mandates to a set of conservation standards applied based on local circumstances, including population, temperature, leaks, and types of commercial and industrial use. For example, communities in hotter and drier climate zones will receive irrigation allowances that reflect evaporation levels.

Key water conservation efforts included in today’s plan include:

- Permanent bans on wasteful practices, such as hosing driveways and excessively watering lawns.
- Technical assistance and financial incentives for water suppliers to implement leak prevention, detection, and repair programs.
- Collecting information about innovative water conservation and water loss detection and control technologies.
- Requiring agricultural water suppliers to quantify water use in their service areas and describe measures to increase water use efficiency.
- Full compliance with water use targets for urban water suppliers by 2025.
- Planning and preparing for continued and future drought and water shortages.

Some of the actions described in the draft plan will require working with the Legislature on new and expanded State authority, while others can be implemented under existing authorities. All recommendations aim to achieve the main objectives of the Governor’s [Executive Order B-37-16](#): use water more wisely, eliminate water waste, strengthen local drought resilience, and improve agricultural water use efficiency and drought planning.

In addition to taking action to implement this long-term water conservation plan, State agencies recognize the reality that most of California potentially faces a sixth year of historic drought. Therefore, in January the State Water Board will also consider whether it must extend its existing emergency water conservation regulations, as required by Governor Brown’s recent executive order. The State Water Board has already taken action to maintain mandatory reductions in communities that could not verify they have enough water supplies to withstand three more years of severe drought.

Today’s plan, Making Water Conservation a California Way of Life, Implementing Executive Order B-37-16,” is the result of extensive community and stakeholder engagement across California. The plan was prepared by the Department of Water Resources, the State Water Resources Control Board, the Public Utilities Commission, Department of Food and Agriculture and the Energy Commission. For more information on the development of the draft plan, visit <http://www.water.ca.gov/wateruseefficiency/conservation/>.

The State encourages the public to submit comments on today’s draft plan: “[Making Water Conservation a California Way of Life Implementing Executive Order B-37-16](#)”

Comments should be submitted to wue@water.ca.gov no later than **December 19, 2016**.

Public comments will be posted at:

<http://www.water.ca.gov/wateruseefficiency/conservation/comments.cfm>.

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Table ES-1. Actions and Recommendations Summarized in this Report

Chapter Section and Title where Item is Addressed	Executive Order Items													Within Existing Authorities (Chapter 2)	Requires New Authority (Chapter 3)
	 Use Water More Wisely			 Eliminate Water Waste				 Strengthen Local Drought Resilience			 Improve Agricultural Water Use Efficiency & Drought Planning				
	1	2	3	4	5	6	7	8	9	10	11	12	13		
2.1 Emergency Water Conservation Regulations for 2017	●													✓	
2.2 Permanent Prohibition of Wasteful Practices			●	●										✓	
2.3 Reduced Water Supplier Leaks and Water Losses					●	●								✓	
2.4 Certification of Innovative Technologies for Water Conservation and Energy Efficiency							●							✓	
3.1 New Water Use Targets Based on Strengthened Standards		●				●									✓
3.2 Water Shortage Contingency Plans						●		●	●						✓
3.3 Drought Planning for Small Systems & Rural Communities										●					✓
3.4 Agricultural Water Management Plans						●					●	●	●		✓

Note: The Executive Order directs DWR, Water Board, and CPUC to develop methods to ensure compliance with the provisions of the order, including technical and financial assistance, agency oversight, and, if necessary, enforcement action by the Water Board to address non-compliant water suppliers. These are described in Chapters 2 and 3.

Executive Department

State of California

EXECUTIVE ORDER B-37-16 MAKING WATER CONSERVATION A CALIFORNIA WAY OF LIFE

WHEREAS California has suffered through a severe multi-year drought that has threatened the water supplies of communities and residents, devastated agricultural production in many areas, and harmed fish, animals and their environmental habitats; and

WHEREAS Californians responded to the drought by conserving water at unprecedented levels, reducing water use in communities by 23.9% between June 2015 and March 2016 and saving enough water during this period to provide 6.5 million Californians with water for one year; and

WHEREAS severe drought conditions persist in many areas of the state despite recent winter precipitation, with limited drinking water supplies in some communities, diminished water for agricultural production and environmental habitat, and severely-depleted groundwater basins; and

WHEREAS drought conditions may persist in some parts of the state into 2017 and beyond, as warmer winter temperatures driven by climate change reduce water supply held in mountain snowpack and result in drier soil conditions; and

WHEREAS these ongoing drought conditions and our changing climate require California to move beyond temporary emergency drought measures and adopt permanent changes to use water more wisely and to prepare for more frequent and persistent periods of limited water supply; and

WHEREAS increasing long-term water conservation among Californians, improving water use efficiency within the state's communities and agricultural production, and strengthening local and regional drought planning are critical to California's resilience to drought and climate change; and

WHEREAS these activities are prioritized in the California Water Action Plan, which calls for concrete, measurable actions that "Make Conservation a California Way of Life" and "Manage and Prepare for Dry Periods" in order to improve use of water in our state.

NOW, THEREFORE, I, EDMUND G. BROWN JR., Governor of the State of California, in accordance with the authority vested in me by the Constitution and statutes of the State of California, in particular California Government Code sections 8567 and 8571, do hereby issue this Executive Order, effective immediately.

IT IS HEREBY ORDERED THAT:

The orders and provisions contained in my January 17, 2014 Emergency Proclamation, my April 25, 2014 Emergency Proclamation, Executive Orders B-26-14, B-28-14, B-29-15, and B-36-15 remain in full force and in effect except as modified herein.

State agencies shall update temporary emergency water restrictions and transition to permanent, long-term improvements in water use by taking the following actions.

USE WATER MORE WISELY

1. The State Water Resources Control Board (Water Board) shall, as soon as practicable, adjust emergency water conservation regulations through the end of January 2017 in recognition of the differing water supply conditions across the state. To prepare for the possibility of another dry winter, the Water Board shall also develop, by January 2017, a proposal to achieve a mandatory reduction in potable urban water usage that builds off of the mandatory 25% reduction called for in Executive Order B-29-15 and lessons learned through 2016.
2. The Department of Water Resources (Department) shall work with the Water Board to develop new water use targets as part of a permanent framework for urban water agencies. These new water use targets shall build upon the existing state law requirements that the state achieve a 20% reduction in urban water usage by 2020. (Senate Bill No. 7 (7th Extraordinary Session, 2009-2010).) These water use targets shall be customized to the unique conditions of each water agency, shall generate more statewide water conservation than existing requirements, and shall be based on strengthened standards for:
 - a. Indoor residential per capita water use;
 - b. Outdoor irrigation, in a manner that incorporates landscape area, local climate, and new satellite imagery data;
 - c. Commercial, industrial, and institutional water use; and
 - d. Water lost through leaks.

The Department and Water Board shall consult with urban water suppliers, local governments, environmental groups, and other partners to develop these water use targets and shall publicly issue a proposed draft framework by January 10, 2017.

3. The Department and the Water Board shall permanently require urban water suppliers to issue a monthly report on their water usage, amount of conservation achieved, and any enforcement efforts.

ELIMINATE WATER WASTE

4. The Water Board shall permanently prohibit practices that waste potable water, such as:
 - Hosing off sidewalks, driveways and other hardscapes;
 - Washing automobiles with hoses not equipped with a shut-off nozzle;
 - Using non-recirculated water in a fountain or other decorative water feature;
 - Watering lawns in a manner that causes runoff, or within 48 hours after measurable precipitation; and
 - Irrigating ornamental turf on public street medians.
5. The Water Board and the Department shall direct actions to minimize water system leaks that waste large amounts of water. The Water Board, after funding projects to address health and safety, shall use loans from the Drinking Water State Revolving Fund to prioritize local projects that reduce leaks and other water system losses.
6. The Water Board and the Department shall direct urban and agricultural water suppliers to accelerate their data collection, improve water system management, and prioritize capital projects to reduce water waste. The California Public Utilities Commission shall order investor-owned water utilities to accelerate work to minimize leaks.
7. The California Energy Commission shall certify innovative water conservation and water loss detection and control technologies that also increase energy efficiency.

STRENGTHEN LOCAL DROUGHT RESILIENCE

8. The Department shall strengthen requirements for urban Water Shortage Contingency Plans, which urban water agencies are required to maintain. These updated requirements shall include adequate actions to respond to droughts lasting at least five years, as well as more frequent and severe periods of drought. While remaining customized according to local conditions, the updated requirements shall also create common statewide standards so that these plans can be quickly utilized during this and any future droughts.
9. The Department shall consult with urban water suppliers, local governments, environmental groups, and other partners to update requirements for Water Shortage Contingency Plans. The updated draft requirements shall be publicly released by January 10, 2017.

10. For areas not covered by a Water Shortage Contingency Plan, the Department shall work with counties to facilitate improved drought planning for small water suppliers and rural communities.

IMPROVE AGRICULTURAL WATER USE EFFICIENCY AND DROUGHT PLANNING

11. The Department shall work with the California Department of Food and Agriculture to update existing requirements for Agricultural Water Management Plans to ensure that these plans identify and quantify measures to increase water efficiency in their service area and to adequately plan for periods of limited water supply.
12. The Department shall permanently require the completion of Agricultural Water Management Plans by water suppliers with over 10,000 irrigated acres of land.
13. The Department, together with the California Department of Food and Agriculture, shall consult with agricultural water suppliers, local governments, agricultural producers, environmental groups, and other partners to update requirements for Agricultural Water Management Plans. The updated draft requirements shall be publicly released by January 10, 2017.

The Department, Water Board and California Public Utilities Commission shall develop methods to ensure compliance with the provisions of this Executive Order, including technical and financial assistance, agency oversight, and, if necessary, enforcement action by the Water Board to address non-compliant water suppliers.

This Executive Order is not intended to, and does not, create any rights or benefits, substantive or procedural, enforceable at law or in equity, against the State of California, its agencies, departments, entities, officers, employees, or any other person.

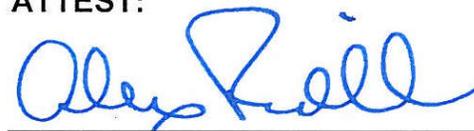
I FURTHER DIRECT that as soon as hereafter possible, this order be filed in the Office of the Secretary of State and that widespread publicity and notice be given of this order.



IN WITNESS WHEREOF I have hereunto set my hand and caused the Great Seal of the State of California to be affixed this 9th day of May 2016.


EDMUND G. BROWN JR.
Governor of California

ATTEST:


ALEX PADILLA
Secretary of State

City of Rialto
Regular Utilities Commission Meeting
November 15, 2016

TO DO LIST

Upcoming Agenda Items

Future Agenda Items

- ◆ Concession Agreement Overview Report
- ◆ San Bernardino Valley Municipal Water District Update- April
- ◆ Trash Rate Comparison Study with Neighboring Cities.