

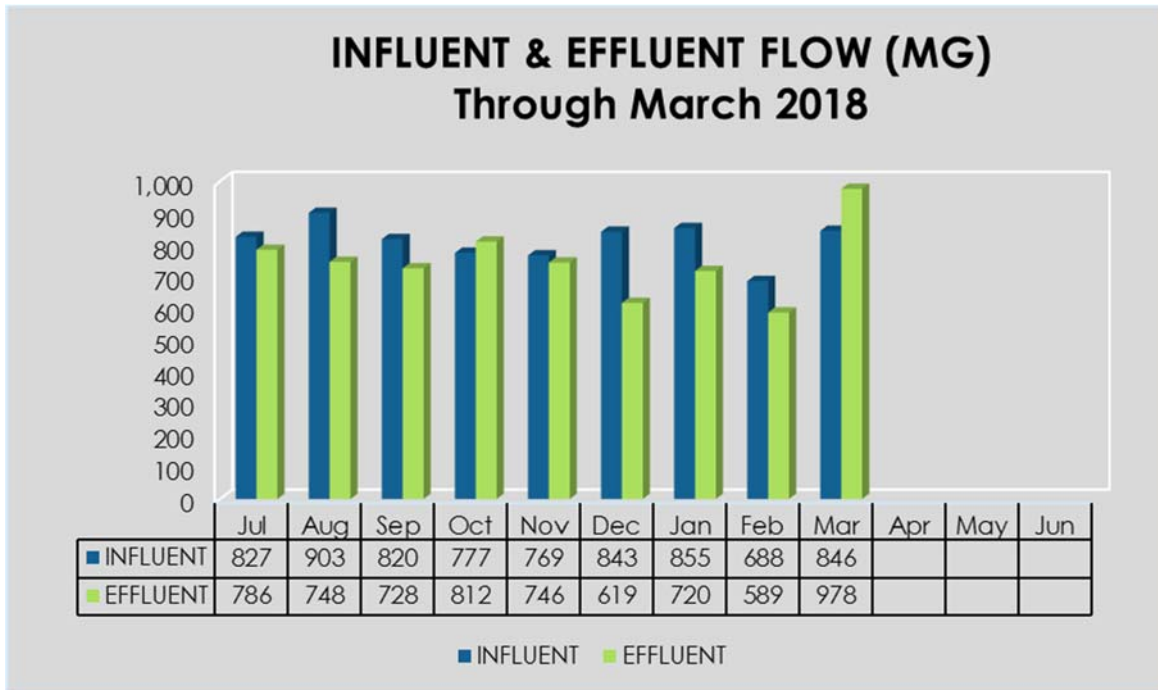


QUARTERLY OPERATIONS REPORT

3rd Quarter, January – March 2018

WASTEWATER

PERMIT COMPLIANCE



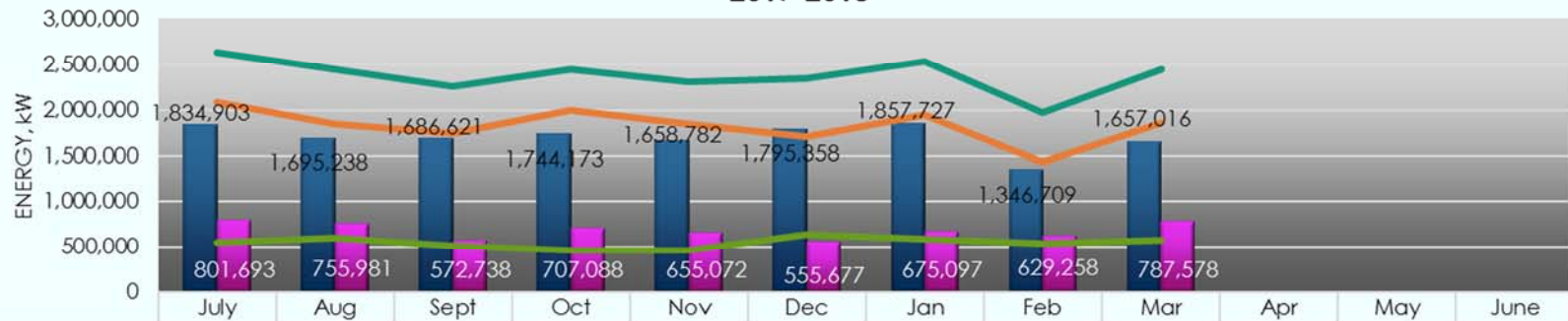
INFLUENT MONTHLY AVERAGE				EFFLUENT MONTHLY AVERAGE									
Month	Flow MGD	CBOD mg/L	TSS mg/L	Month	Flow MGD	cBOD mg/l	cBOD Removal %	TSS mg/l	TSS Removal %	Ammonia* mg/l	Turbidity NTU	pH	Dissolved Oxygen mg/l
				Permit Limit	≤55	<10	>85	<10	>85	≤2.4	<2	6.5-8.5	>6
July	26.7	350	320	July	25.4	<2.0	>99.4	<2.8	>99.2	<0.7	1.2	6.7-7.8	8.4
August	29.1	370	340	August	24.1	<2.1	>99.5	<3.0	>99.2	<0.6	1.4	6.7-7.6	8.4
September	27.3	380	370	September	24.3	<2.0	>99.6	<3.5	>99.2	<0.7	1.5	6.5-7.2	8.8
October	25.1	310	310	October	26.2	<2.2	>99.3	<3.5	>98.8	0.7	1.5	6.5-7.3	9.6
November	25.6	290	310	November	24.9	<2.0	>98.9	3.9	98.9	<1.1	1.4	6.4-7.2	9.1
December	27.2	380	320	December	20	<2.0	>99.6	5.1	98.9	<1.2	1.5	6.5-7.0	10.4
January	27.6	330	290	January	23.2	<2.0	>99.5	4.1	98.7	2.3	1.4	6.4-9.3	9.4
February	26.5	350	300	February	21	<2.0	>99.6	<3.5	>99.1	<2.5	1.4	6.4-9.0	9.6
March	27.3	340	290	March	31.5	<2.0	>99.3	4.1	98.4	<0.6	1.4	6.5-7.2	9.5
April				April									
May				May									
June				June									

*Seasonal limits exist for Ammonia. Permit limit shown is specific for this reporting period.



WASTEWATER ENERGY CONSUMPTION/PRODUCTION

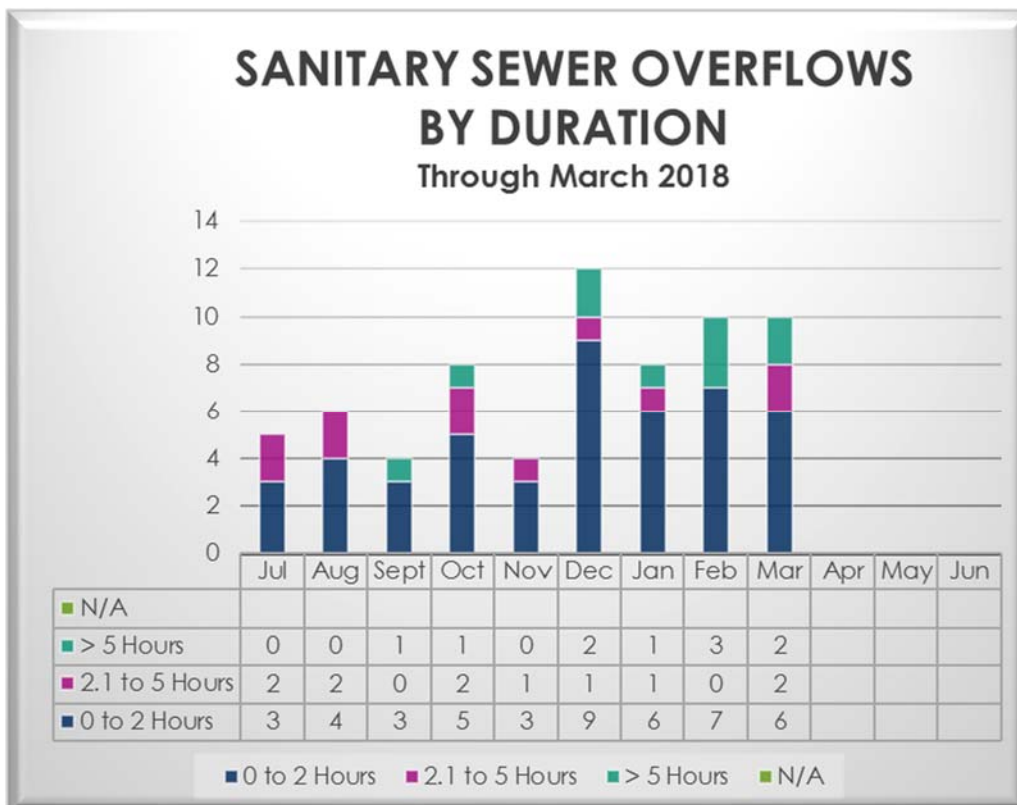
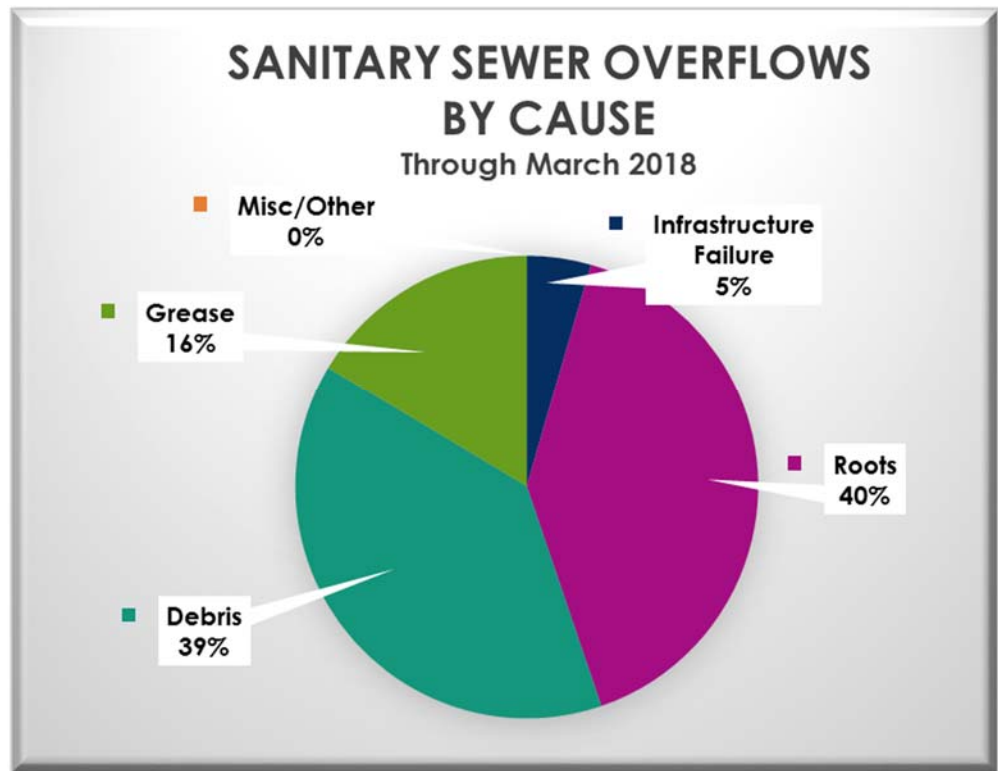
2017-2018



	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June
Main Facility Usage	1,834,903	1,695,238	1,686,621	1,744,173	1,658,782	1,795,358	1,857,727	1,346,709	1,657,016			
Tertiary Facility Usage	801,693	755,981	572,738	707,088	655,072	555,677	675,097	629,258	787,578			
Total Usage	2,636,596	2,451,219	2,259,359	2,451,261	2,313,854	2,351,035	2,532,824	1,975,967	2,444,594			
Co-Gen Production	558,183	605,731	516,873	460,737	472,035	645,575	587,769	538,744	583,000			
Energy Purchased	2,078,413	1,845,488	1,742,486	1,990,524	1,841,819	1,705,460	1,945,055	1,437,223	1,861,594			



COLLECTIONS

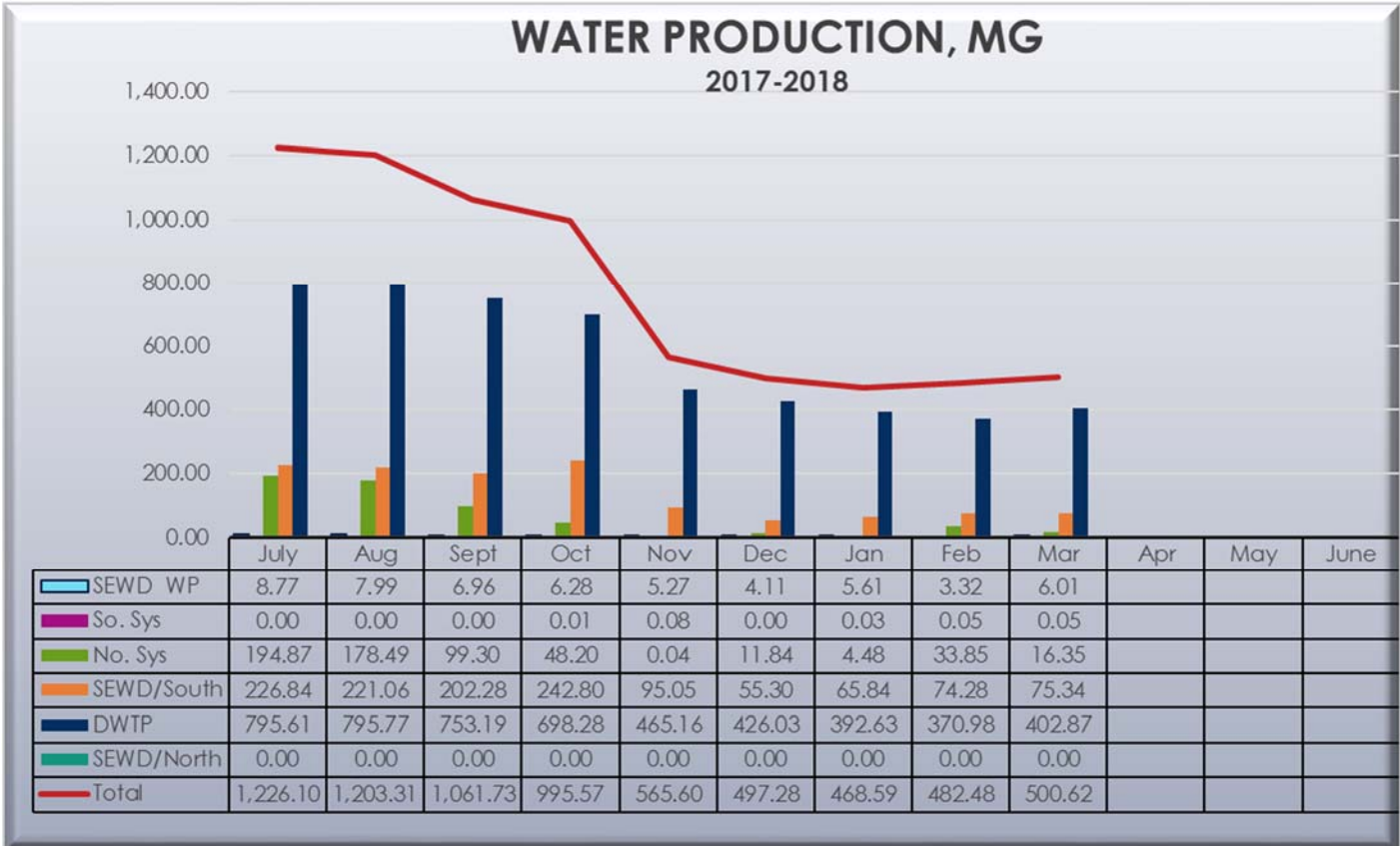




QUARTERLY OPERATIONS REPORT

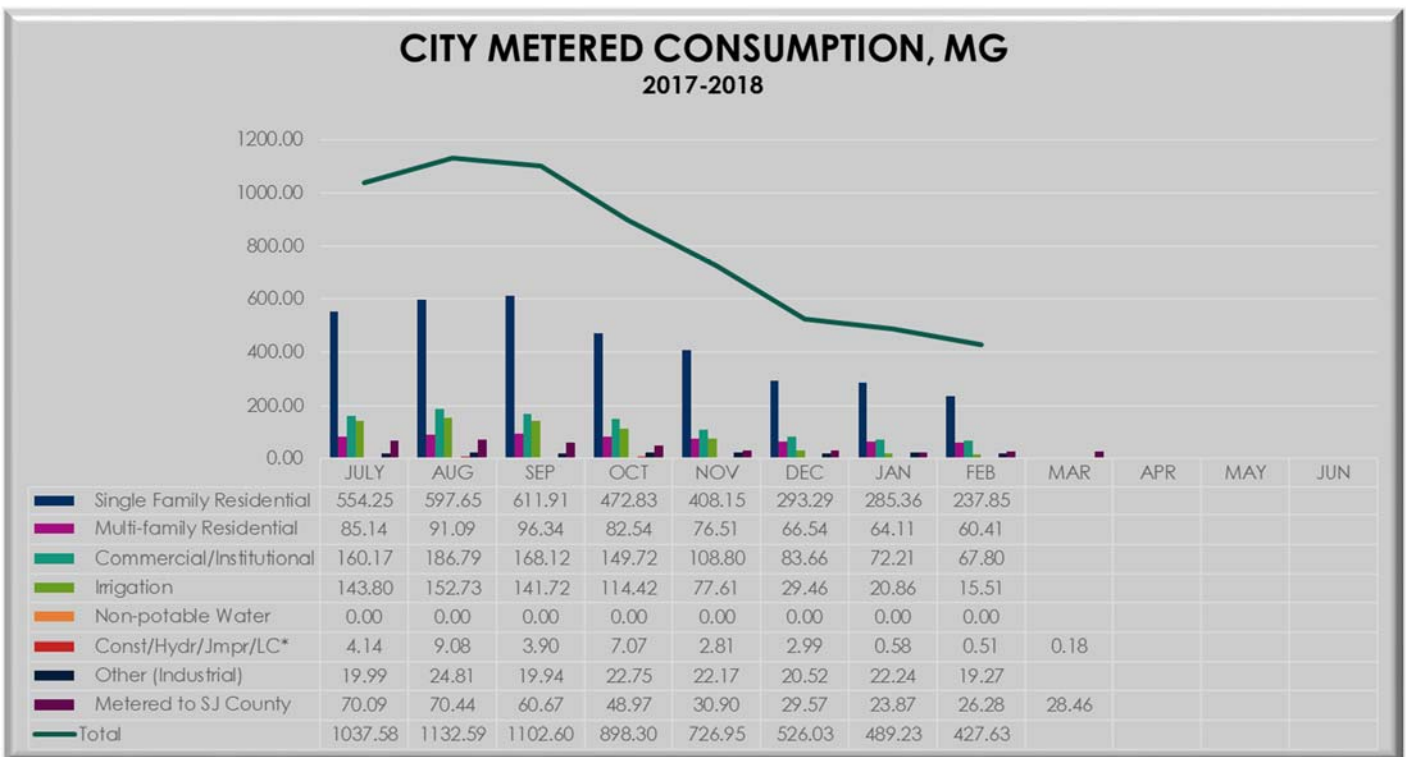
3rd Quarter, January – March 2018

WATER





Meter Size	Residential	Industrial	Commercial & Institutional	Irrigation
5/8"	1787	0	15	15
3/4"	24878	14	213	72
1"	19095	0	253	152
1½"	257	0	233	160
2"	251	2	615	444
3"	14	0	65	26
4"	6	3	49	20
6"	5	1	18	2
8"	0	0	5	0
10"	0	0	2	0
12"	0	0	2	0
Totals	46293	20	1470	891
Total Number of Connections:			48,674	

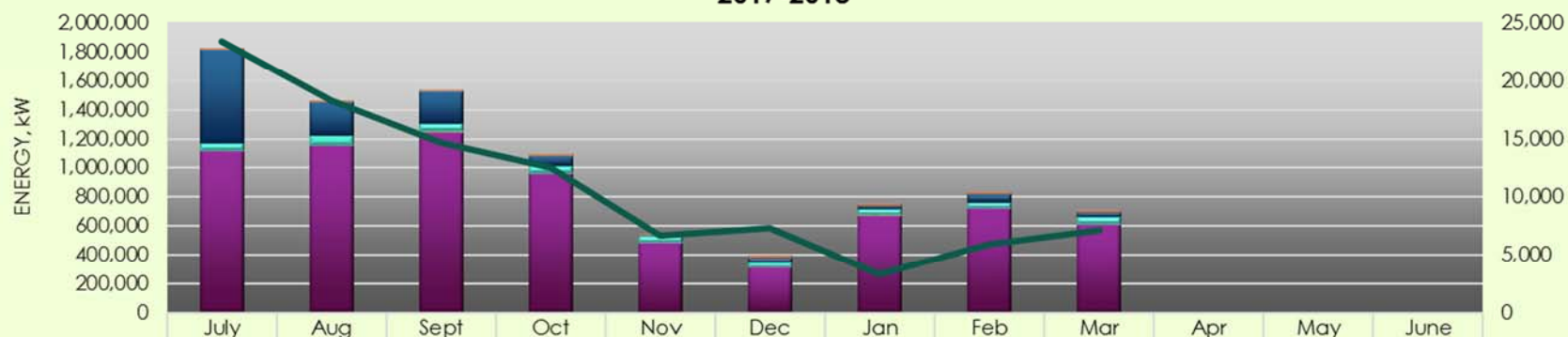


*March data not available due to billing cycle.



WATER ENERGY CONSUMPTION

2017-2018



	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June
S. Reservoir Usage	10,240	11,040	10,080	11,520	10,880	16,000	14,400	13,120	13,440			
N. Well Usage	647,024	226,501	221,423	68,609	7,495	34,257	22,946	55,344	31,545			
N. Reservoir Usage	51,720	67,460	48,920	52,080	42,480	33,920	43,140	40,640	48,400			
S. Well Usage	2,393	1,909	6,700	1,149	1,447	2,591	2,461	2,899	2,642			
DWTP Usage	1,115,520	1,156,400	1,248,800	962,960	485,360	311,297	674,310	721,380	610,586	0	0	0
Solar Production	23,450	18,350	14,660	12,580	6,690	7,320	3,340	5,980	7,130			



QUARTERLY OPERATIONS REPORT

3rd Quarter – January – March 2018

STORMWATER

PERMIT COMPLIANCE

PROGRAM/ACTIVITY	SMP GOAL	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
Enforcement Actions													
<i>Administrative</i>													
No Action Taken													
Administrative Citation		1	0	0	0	0	0	0	0	3			
Corrective Order		5	7	4	0	0	0	0	0	0			
Notice to Clean		5	6	5	0	0	0	0	0	0			
Notice of Violation		5	11	5	9	1	4	3	12	5			
Stop Work Order		0	0	0	0	0	1	0	0	0			
Cease and Desist Order		0	0	0	0	0	0	0	1	0			
Referred to RWQCB		0	1	0	0	1	0	0	0	1			
Notice of Warning		0	0	0	0	0	2	5	4	2			
<i>Criminal Enforcement</i>													
Misdemeanor		0	0	0	0	0	0	0	0	0			
Infraction		0	0	0	0	0	0	0	0	0			
Inspections													
# of Potential Illicit Discharges		5	11	5	9	2	7	8	17	11			
# Verified Illicit Discharges		0	0	0	0	0	0	0	0	0			
Water Pollution Investigations													
# Complaints		0	2	0	0	0	0	0	1	0			
# Verified		0	2	0	0	0	0	0	1	0			
# Requiring Clean-Up		0	0	0	0	0	0	0	1	0			
Training Activities													
Training Module		0	0	0	0	0	0	0	0	0			
Training Module		0	0	0	0	0	0	0	0	0			
Training Module		0	0	0	0	0	0	0	0	0			
Public Outreach													
Educational Mat's Distributed		0	0	0	1	0	1	1	0	0			
Mixed Media Campaign		0	0	0	0	0	1	0	0	0			
Community-Wide Events		0	0	2	0	0	0	0	0	0			
School Outreach		0	0	0	0	0	0	0	0	0			
Business Outreach		0	0	0	0	0	0	0	0	0			



SUPPORT SERVICES

ENGINEERING

RWCF Progressive Design-Build Project

The objective of the RWCF Progressive Design-Build Project is to plan, design, and construct wastewater treatment facilities that can meet current regulatory treatment objectives and balance future potential regulatory requirements for most conditions in a cost-effective manner, while extending the life of existing assets within the available budget of \$150 million to \$170 million. More specifically, the project team has considered a range of design alternatives that include configuration and operation of the existing treatment plant and construction of new facilities. The AECOM/W. M. Lyles Co., Joint Venture, has generated cost-effective, creative treatment solutions and worked collaboratively with the City to identify the facility improvements that meet the project objectives.

In March, AECOM/W.M Lyles Co. submitted the Draft Basis of Design Report for those facilities that will comprise the project to deliver many of the Phase 2 projects identified in the 2011 Capital Improvement and Energy Management Plan, as well as those improvements to meet the City's current National Pollution Discharge Elimination System (NPDES) permit issued by the Central Valley Regional Water Quality Control Board.

The project will include a new headworks pump station, rehabilitated primary treatment, new secondary treatment, new tertiary treatment, and new and remodeled personnel buildings.



LAB

THREE SPECIES CHRONIC TOXICITY TESTING

WASTEWATER SAMPLE 3rd Quarter	ALGAE	CERIODAPHNIA		LARVAL FATHEAD MINNOW	
		Survival	Reproduction	Survival	Reproduction
No Observable Effect Level, NOEL	100%	100%	100%	100%	100%
Toxicity Unit, TUc	1.0	1.0	1.0	1.0	1.0

Permit requires additional monitoring at >1TUc

COLIFORM TESTING

WATER COLIFORM MONITORING 3rd Quarter	SAMPLES		POSITIVE RESULTS	
	# Required	# Taken	Total Coliform	E. Coli
January 2018				
North System	150	150	0	0
Walnut Plant	1	1	0	0
South System	30	30	0	0
February 2018				
North System	120	120	0	0
Walnut Plant	1	1	0	0
South System	24	24	0	0
March 2018				
North System	120	120	0	0
Walnut Plant	1	1	0	0
South System	24	24	0	0

Results >0 indicate contamination



ENVIRONMENTAL CONTROL

PROGRAM/ACTIVITY 2017-2018	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
Pretreatment Program												
Industrial Inspections	44	46	46	77	43	14	42	40	44			
Industrial Sampling	54	54	33	64	47	9	39	32	34			
Discharge Permits Issued/Relssued	0	1	0	0	0	0	0	2	7			
Pretreatment Enforcement Actions	6	5	6	6	2	2	4	10	6			
Waste Hauler Program												
Trucked-in Waste Loads	259	242	204	244	211	233	251	217				
Trucked-in Waste Gallons	794,577	787,360	657,960	793,554	686,362	750,624	789,689	698,332				
FOG Program												
FOG Initial Inspections	110	50	4	4	52	5	119	107	137			
FOG Enforcement Actions	65	38	17	5	4	7	50	78	108			
FOG Follow-up Inspections	43	41	13	19	14	7	16	21	46			



CUSTOMER SERVICE

WATER

Taste / Odor

- January
 - -2- customers complained of chlorine smell in the water. Residuals were tested and total chlorine 1.55 and 1.80 well within their ranges. Problem was resolved.
- February
 - -2- Customers complained of an unidentifiable smell. Upon operator arrival, the odor was undetectable, and the issue was resolved.
- March
 - No Complaints

Color

- January
 - -5- Brown water complaints due to maintenance or construction activities. Problems were resolved by localized in home flushing.
- February
 - -2- Brown water complaints all resolved with in home flushing.
- March
 - -1- Air bubbles in water caused by replacement of hot water heater. Problem was resolved with in home flushing.



Pressure

- January
 - -4- Complaints of low pressure inside house. Operator observed normal pressure and flow at hose bib. Customer to clean aerators and shower heads.
 - -1- Complaint of low pressure. Operator found water filter plugged. Customer to have filter cleaned.
 - -2- Complaints of low pressure. Operator observed normal pressure and flow. Customer called a plumber who determined water softener was the problem.
 - -2- Complaints of low pressure inside house. Operator found angle stop partially closed. Operator opened fully to restore normal flow.
- February
 - -1- Complaint of low pressure. Operator observed normal pressure and flow at front hose bib. Operator spoke to customer about possible inside problem.
- March
 - -1- Complaint of low pressure. Operator found broken meter restricting flow causing low pressure. Operator replaced meter and flow/pressure returned to normal.
 - -1- Complaint of low pressure. Meter had been turned off in error. Operator turned meter back on to restore full flow and pressure.
 - -1- Complaint of low pressure. Operator observed normal pressure on city side of the meter and backflow assembly. Customer to have backflow device checked.



WASTEWATER

Service Calls

- January
 - There were 418 service calls for the month of January.
- February
 - The power rodding machine cleaned 8,416 feet of line for the month of February.
- March
 - The service trucks responded to 293 calls for the month of March.

Spills / SSOs

- January
 - There were 8 spills. One was a category 1 due to the resident not calling for two days.
- February
 - There were 10 reportable spills in February. All were category 3.
- March
 - There were 10 reportable spills in March. Two were category 1 spills due to customers not calling in right away.



STORMWATER

Flooding

- January
 - There were 207 calls received during four storm events in January.
- February
 - There were 22 calls received for one storm event in February.
- March
 - There were 205 calls received for two storm events in March.



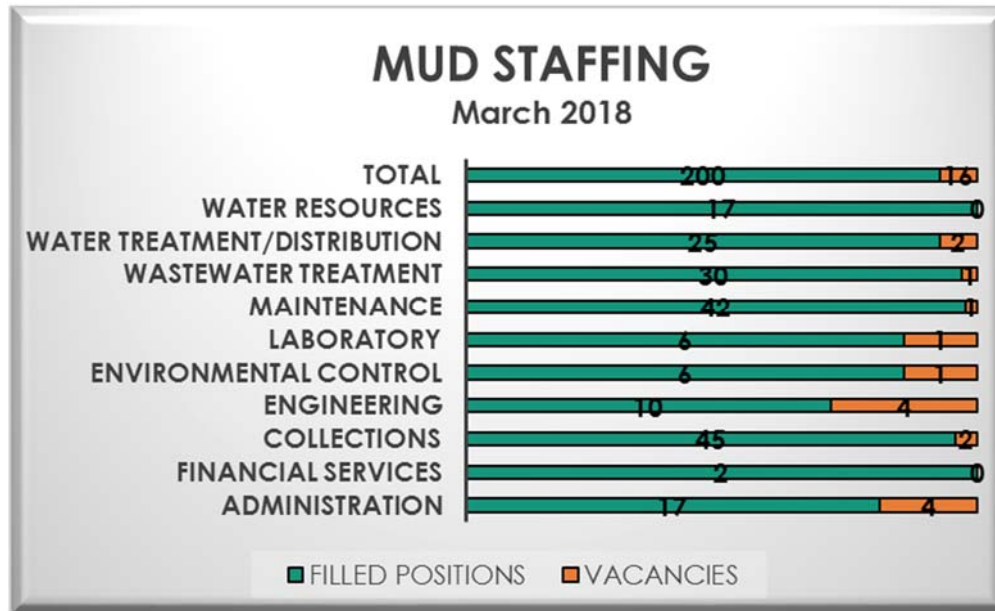
FINANCE

OPERATIONS & MAINTENANCE REVENUE/EXPENSE REVIEW

January through March 2018	WATER FUND			WASTEWATER FUND			STORMWATER FUND		
	FY 17-18 Budgeted	YTD Actual	Quarterly Actual	FY 17-18 Budgeted	YTD Actual	Quarterly Actual	FY 17-18 Budgeted	YTD Actual	Quarterly Actual
Revenues	\$49,919,035	49,713,340	21,894,379	\$73,001,080	60,883,973	18,656,785	\$7,286,706	5,571,605	1,511,803
Expenditures	\$51,031,449	31,953,790	15,409,879	\$69,015,390	49,529,540	8,850,344	\$6,926,651	4,068,001	1,130,435
Balance	(\$1,112,414)	17,759,550	\$6,484,500	\$3,985,690	\$11,354,433	\$9,806,441	\$360,055	\$1,503,605	\$381,369



ADMINISTRATION



SAFETY 2018	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Calendar Year-To- Date*
Reported Unsafe Acts	1	1	2										4
No-Fault Vehicle Accidents	0	0	1										1
At-Fault Vehicle Accidents	1	1	2										4
Total Vehicle Accidents	1	1	3	0	0	0	0	0	0	0	0	0	5
Total # Injuries & Accidents	1	2	0										3
Lost Time Events	1	1	0										2
Work Restriction Events	0	1	0										1
Total OSHA Reportable Events	1	2	0	0	0	0	0	0	0	0	0	0	3

*OSHA reporting is on a calendar year