

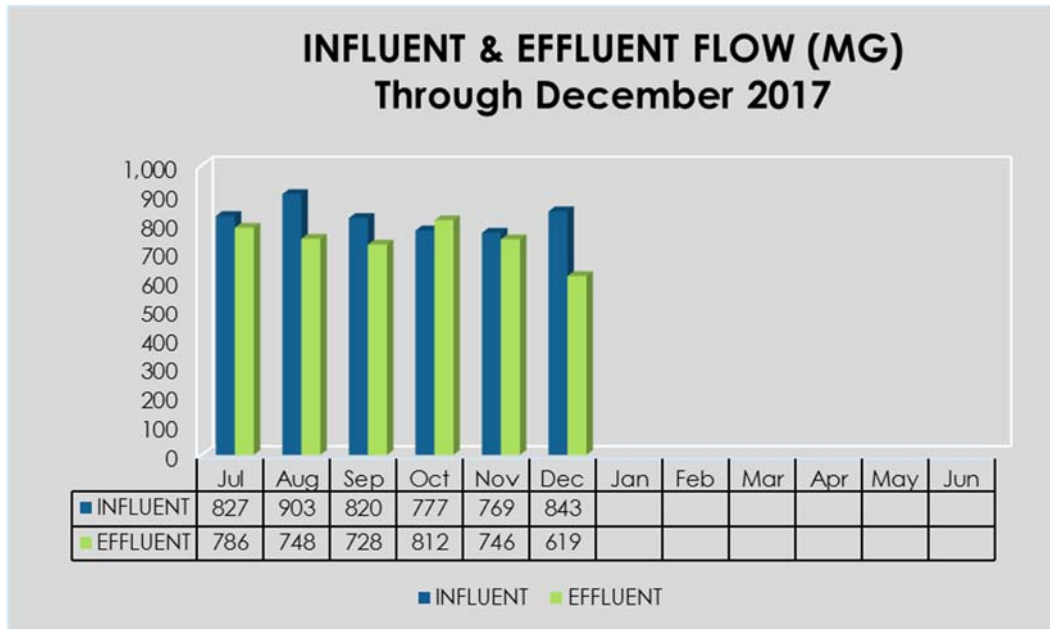


QUARTERLY OPERATIONS REPORT

2nd Quarter, October - December 2017

WASTEWATER

PERMIT COMPLIANCE



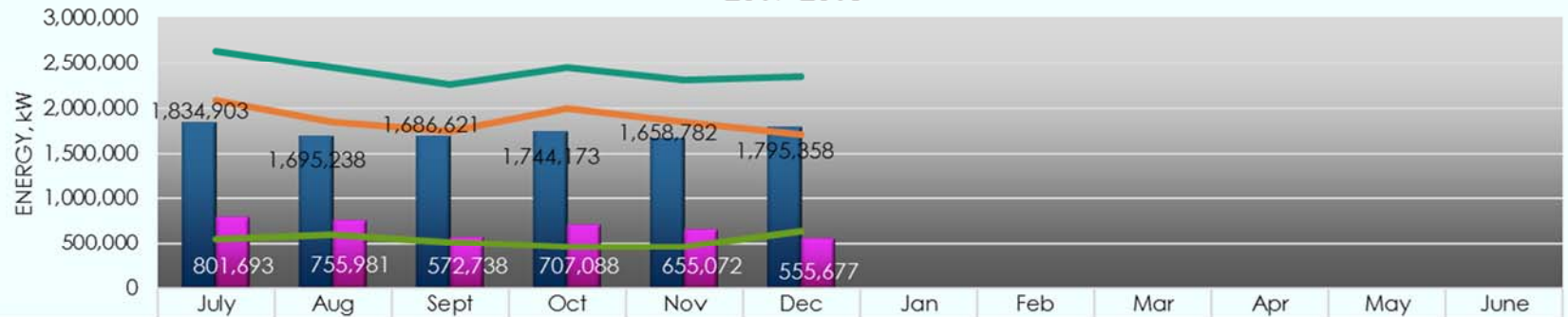
INFLUENT MONTHLY AVERAGE				EFFLUENT MONTHLY AVERAGE									
Month	Flow MGD	CBOD mg/L	TSS mg/L	Month	Flow MGD	cBOD mg/l	cBOD Removal %	TSS mg/l	TSS Removal %	Ammonia* mg/l	Turbidity NTU	pH	Dissolved Oxygen mg/l
				Permit Limit	≤55	<10	>85	<10	>85	≤2.4	<2	6.5-8.5	>6
July	26.7	350	320	July	25.4	<2.0	>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				January									
February				February									
March				March									
April				April									
May				May									
June				June									

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



WASTEWATER ENERGY CONSUMPTION/PRODUCTION

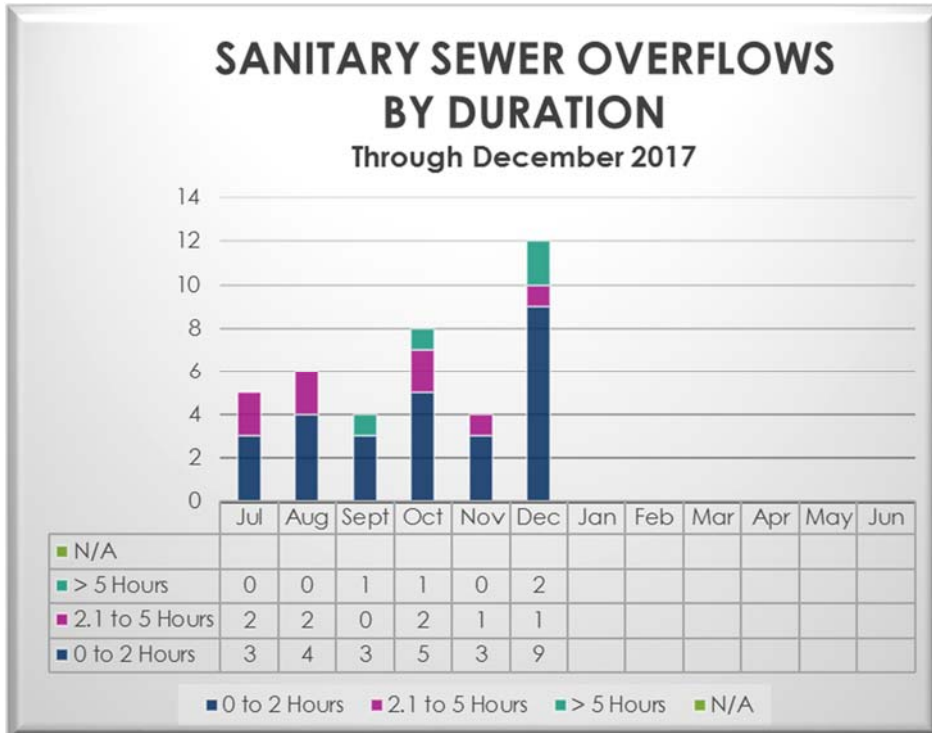
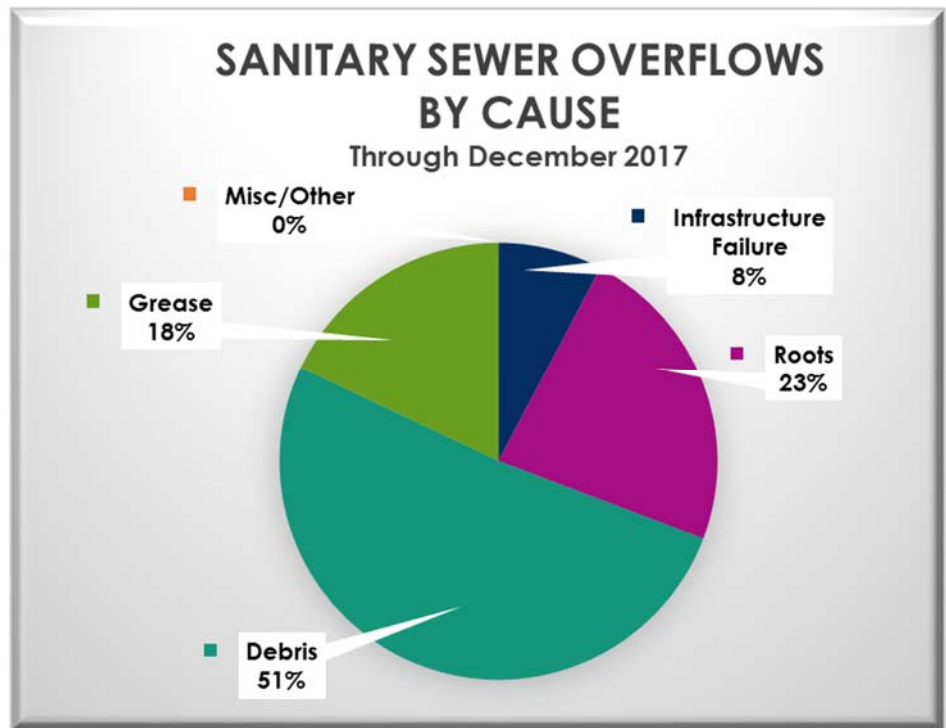
2017-2018



	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						
Tertiary Facility Usage	801,693	755,981	572,738	707,088	655,072	555,677						
Total Usage	2,636,596	2,451,219	2,259,359	2,451,261	2,313,854	2,351,035						
Co-Gen Production	558,183	605,731	516,873	460,737	472,035	645,575						
Energy Purchased	2,078,413	1,845,488	1,741,486	1,990,524	1,841,819	1,705,460						



COLLECTIONS

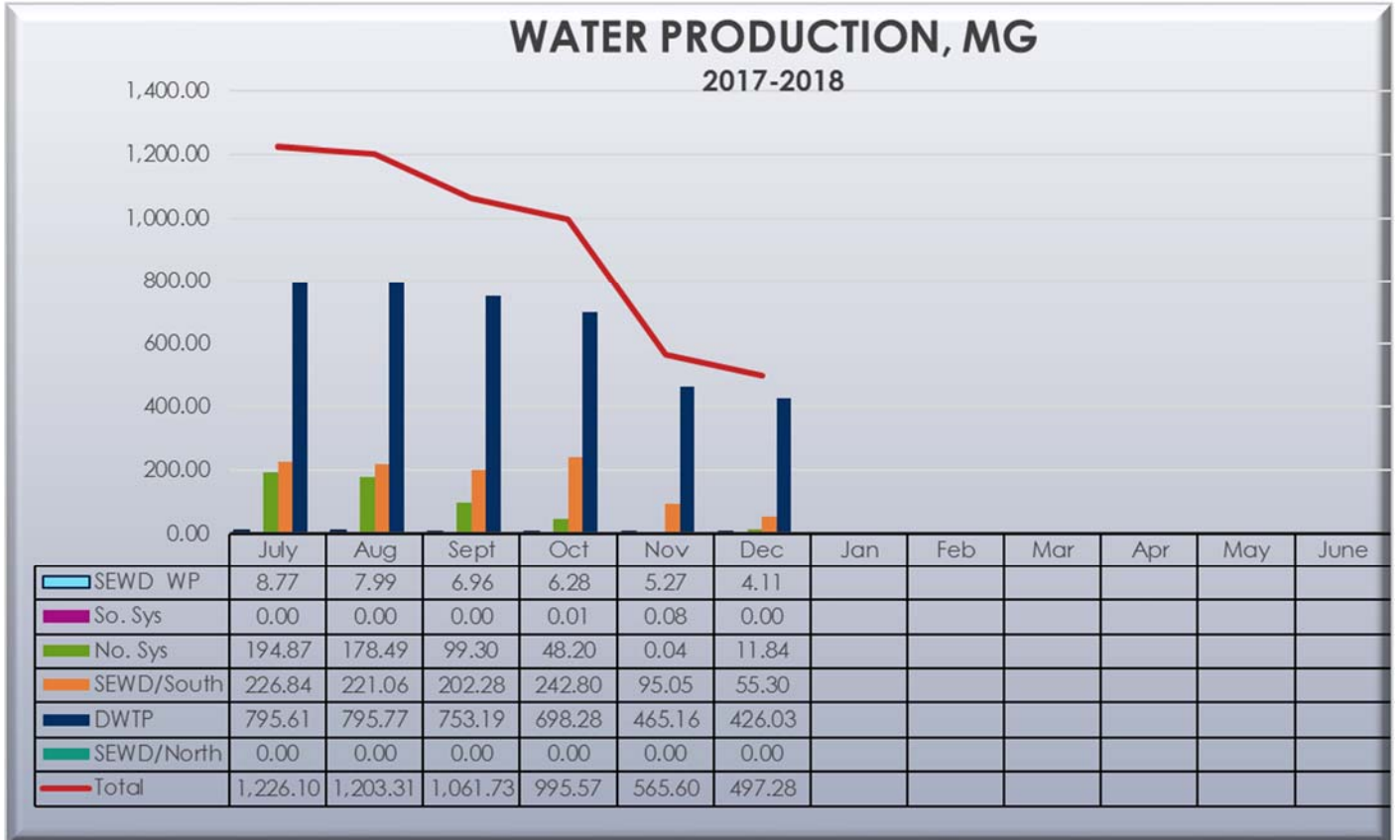




QUARTERLY OPERATIONS REPORT

1st Quarter, July - September 2017

WATER



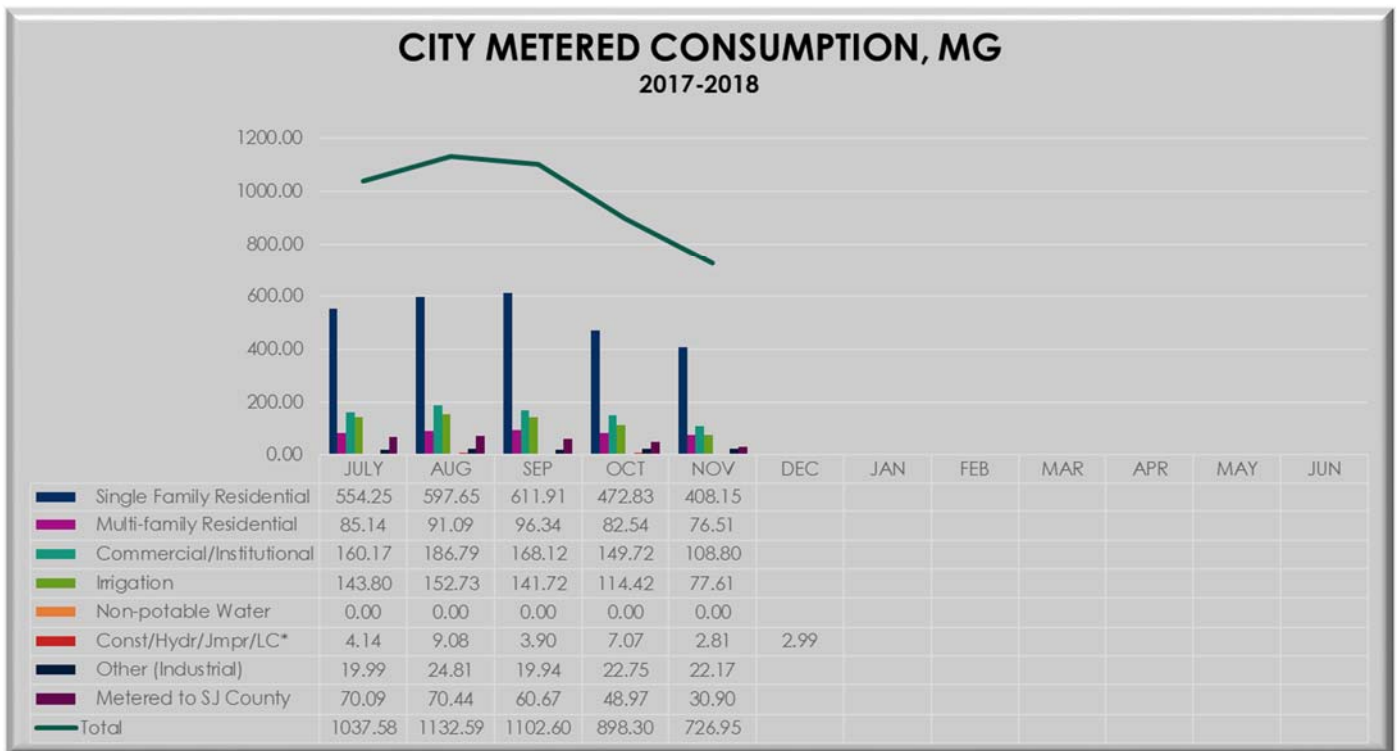


QUARTERLY OPERATIONS REPORT

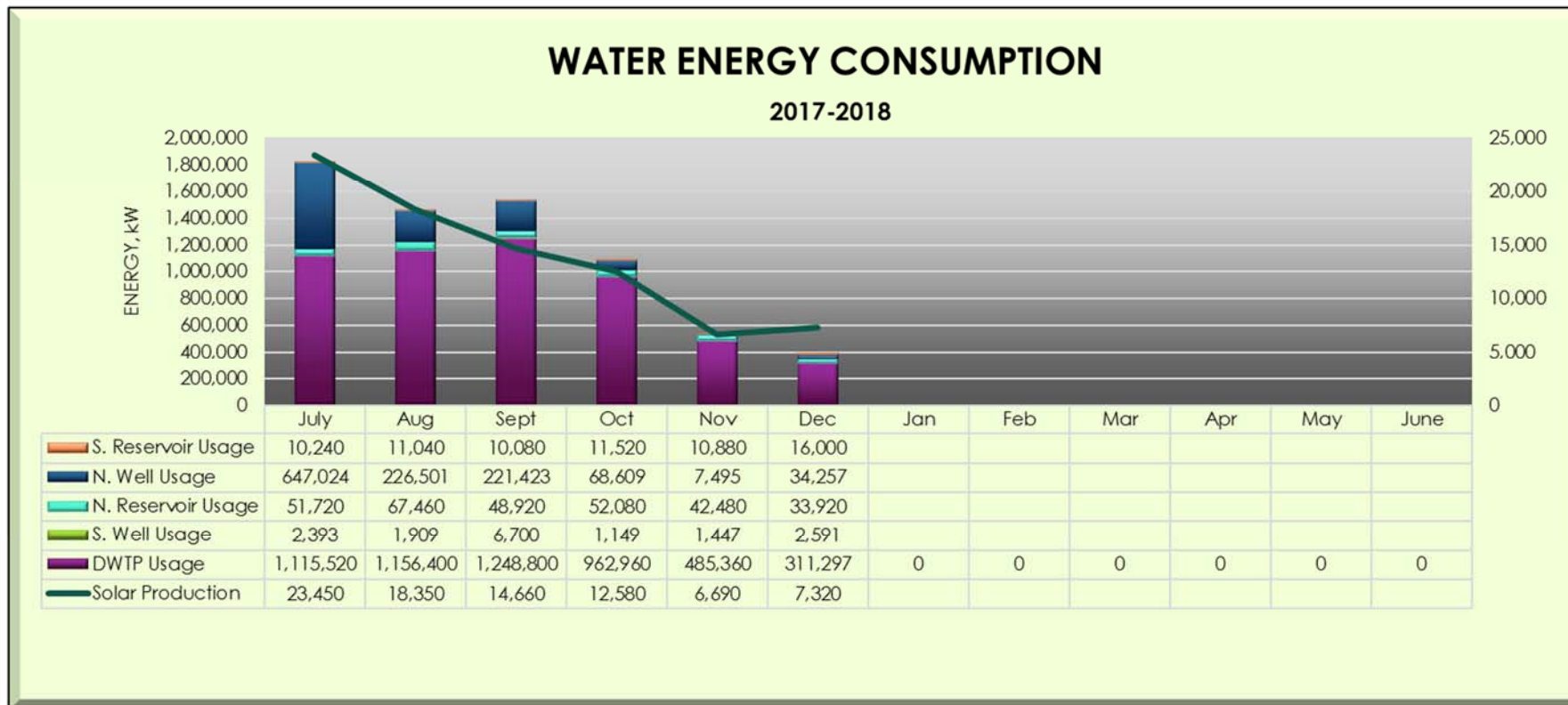
1st Quarter, July - September 2017

WATER

Meter Size	Residential	Industrial	Commercial & Institutional	Irrigation
5/8"	1790	0	0	15
3/4"	24962	14	0	72
1"	19005	0	0	151
1½"	257	0	0	160
2"	251	1	1	439
3"	12	0	0	25
4"	8	3	0	20
6"	5	1	0	2
8"	0	0	0	0
10"	0	0	0	0
12"	0	0	0	0
Totals	46290	19	1	884
Total Number of Connections:			47,194	



*December data not available due to billing cycle.





QUARTERLY OPERATIONS REPORT

1st Quarter, July - September 2017

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						
Corrective Order		5	7	4	0	0	0						
Notice to Clean		5	6	5	0	0	0						
Notice of Violation		5	11	5	9	1	4						
Stop Work Order		0	0	0	0	0	1						
Cease and Desist Order		0	0	0	0	0	0						
Referred to RWQCB		0	1	0	0	1	0						
Notice of Warning		0	0	0	0	0	2						
<i>Criminal Enforcement</i>													
Misdemeanor		0	0	0	0	0	0						
Infraction		0	0	0	0	0	0						
Inspections													
# of Potential Illicit Discharges		5	11	5	9	2	7						
# Verified Illicit Discharges		0	0	0	0	0	0						
Water Pollution Investigations													
# Complaints		0	2	0	0	0	0						
# Verified		0	2	0	0	0	0						
# Requiring Clean-Up		0	0	0	0	0	0						
Training Activities													
Training Module		0	0	0	0	0	0						
Training Module		0	0	0	0	0	0						
Training Module		0	0	0	0	0	0						
Public Outreach													
Educational Mat's Distributed		0	0	0	1	0	1						
Mixed Media Campaign		0	0	0	0	0	1						
Community-Wide Events		0	0	2	0	0	0						
School Outreach		0	0	0	0	0	0						
Business Outreach		0	0	0	0	0	0						



SUPPORT SERVICES

ENGINEERING

**COMING SOON
CIEMP UPDATES**



LAB

THREE SPECIES CHRONIC TOXICITY TESTING

WASTEWATER SAMPLE 2nd 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	>1	1.0	1.0

Permit requires additional monitoring at >1TUc

COLIFORM TESTING

WATER COLIFORM MONITORING 2nd Quarter	SAMPLES		POSITIVE RESULTS	
	# Required	# Taken	Total Coliform	E. Coli
October 2017				
North System	150	150	0	0
Walnut Plant	1	1	0	0
South System	30	30	0	0
November 2017				
North System	123	123	1	0
Walnut Plant	1	1	0	0
South System	24	24	0	0
December 2017				
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						
Industrial Sampling	54	54	33	64	47	9						
Discharge Permits Issued/Relssued	0	1	0	0	0	0						
Pretreatment Enforcement Actions	6	5	6	6	2							
Waste Hauler Program												
Trucked-in Waste Loads	259	242	204	244	233							
Trucked-in Waste Gallons	794,577	787,360	657,960	793,554	750,624							
FOG Program												
FOG Initial Inspections	110	50	4	4	52	5						
FOG Enforcement Actions	65	38	17	5	4	7						
FOG Follow-up Inspections	43	41	13	19	14	7						

CUSTOMER SERVICE

WATER

Taste / Odor

- October
 - Two taste and odor complaints. One was determined to be the home garbage disposal, and the other was resolved by the homeowner cleaning the aerators in the faucets.
- November
 - No complaints reported.
- December
 - Customer complained of weird smell. The problem was resolved by cleaning the sink.

Color

- October
 - Two complaints of brownish water which were determined to be caused by construction in the area. In home flushing resolved the issue. One complaint of black water was resolved by cleaning the aerator. One complaint of cloudy water was determined to be entrapped air. Advised customer to let water sit and the water cleared.
- November
 - Three color complaints. One complaint of cloudy water was determined to be entrapped air. Advised customer to let water sit and the water cleared. Two were due to galvanized piping on the customer side. Advised customers to flush the lines, and the problem was resolved.
- December
 - Two color complaints. One was due to galvanized piping, and the other was due to maintenance activities disturbing the line. Advised customers to flush the lines and the problem was resolved.

Pressure

- October
 - No complaints reported.
- November
 - One complaint of low pressure. Operator observed normal outside pressure and flow. Operator assisted customer cleaning aerators on inside faucets.
- December
 - Five complaints of pressure issues all were related to in home issues that were resolved with help from staff.

WASTEWATER

Service Calls

- October
 - There were 381 service calls.
- November
 - There were 350 service calls.
- December
 - There were 376 service calls.

Spills / SSOs

- October
 - There was a total of eight spills.
- November
 - There was a total of four sanitary sewer overflows.
- December
 - There was a total of twelve sanitary sewer spills.



STORMWATER

Flooding

- October
 - No reported incidents of flooding.
- November
 - Two storm events with 95 calls for flooding.
- December
 - No reported incidents of flooding.



FINANCE

OPERATIONS & MAINTENANCE REVENUE/EXPENSE REVIEW

October through December 2017	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	27,818,961	11,544,811	\$73,001,080	42,195,814	21,511,489	\$7,286,706	4,059,802	1,376,141
Expenditures	\$51,031,449	16,543,911	3,476,088	\$69,015,390	42,259,477	27,830,127	\$6,926,651	2,938,287	1,512,532
Balance	(\$1,112,414)	11,275,050	\$8,068,723	\$3,985,690	(\$63,663)	(\$6,318,637)	\$360,055	\$1,121,515	(\$136,391)



ADMINISTRATION



SAFETY 2017													Calendar Year-To- Date*
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	
Reported Unsafe Acts	2	2	1	1	1	2	0	3	1	0	0	2	15
No-Fault Vehicle Accidents	1	0	1	0	1	0	0	1	0	1	1	2	8
At-Fault Vehicle Accidents	1	1	0	1	1	2	0	3	1	0	0	2	11
Total Vehicle Accidents	2	1	1	1	2	2	0	4	1	1	1	4	19
Total # Injuries & Accidents	2	1	1	2	0	1	1	4	0	2	2	0	16
Lost Time Events	2	0	0	1	0	1	1	4	0	1	1	0	11
Work Restriction Events	2	1	0	1	0	0	1	2	0	2	2	0	11
Total OSHA Reportable Events	4	1	0	2	0	1	2	6	0	3	3	0	22

*OSHA reporting is on a calendar year