

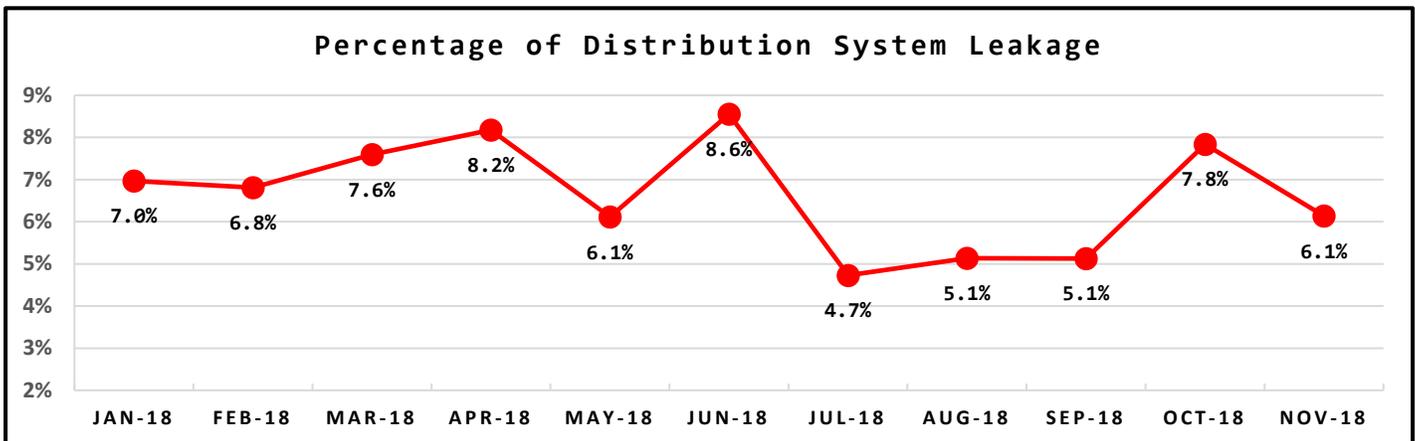
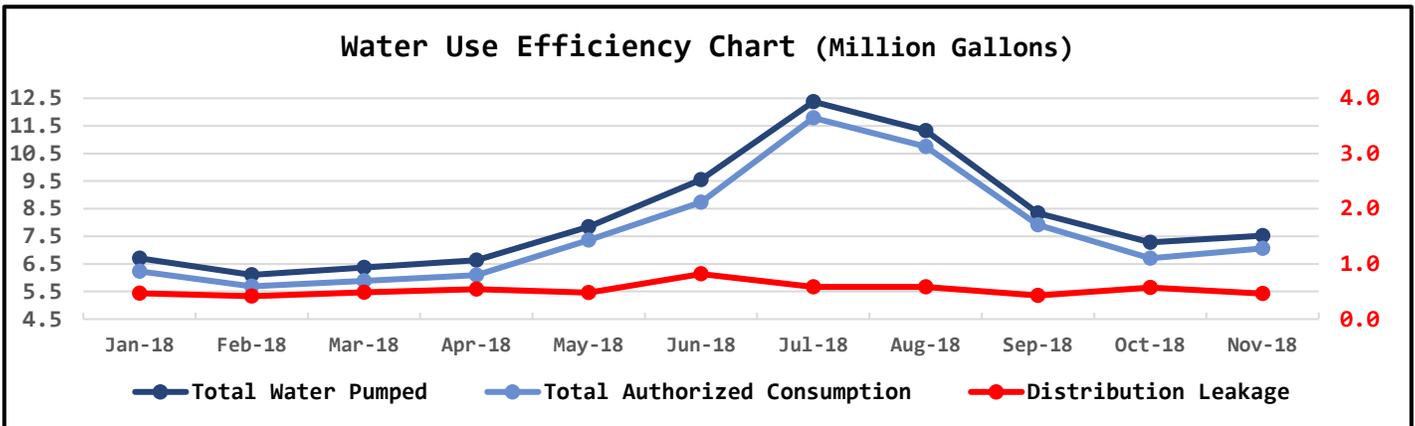
NORTH BEACH WATER DISTRICT

GENERAL MANAGERS REPORT

FOR
January-2019

Metering Period		Water Production		
01-November-2018	to	30-November-2018	NWF Master Meter	5.8522 mg
			SWF Master Meter	1.6661 mg
			Total Water Pumped	7.5183 mg

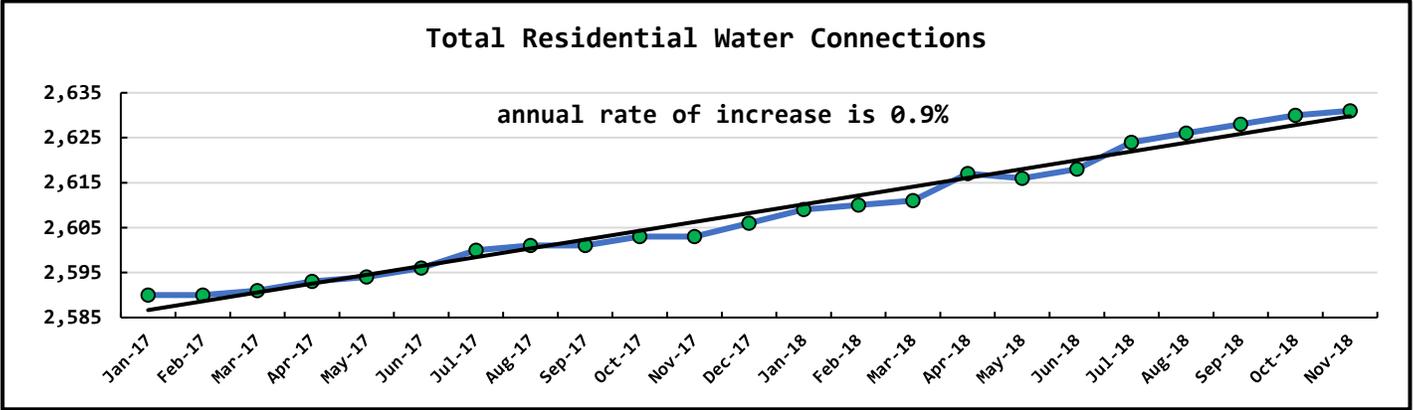
Metering Period		Water Consumption		
01-November-2018	to	30-November-2018	Total Water Sold	6.8443 mg
			NWF Backwash	0.1122 mg
			SWF Backwash	0.1003 mg
			Distribution Flushing	0.0000 mg
			Total Authorized Consumption	7.0568 mg
			Distribution Leakage	0.4615 mg
			Percent of DSL	6.1% %

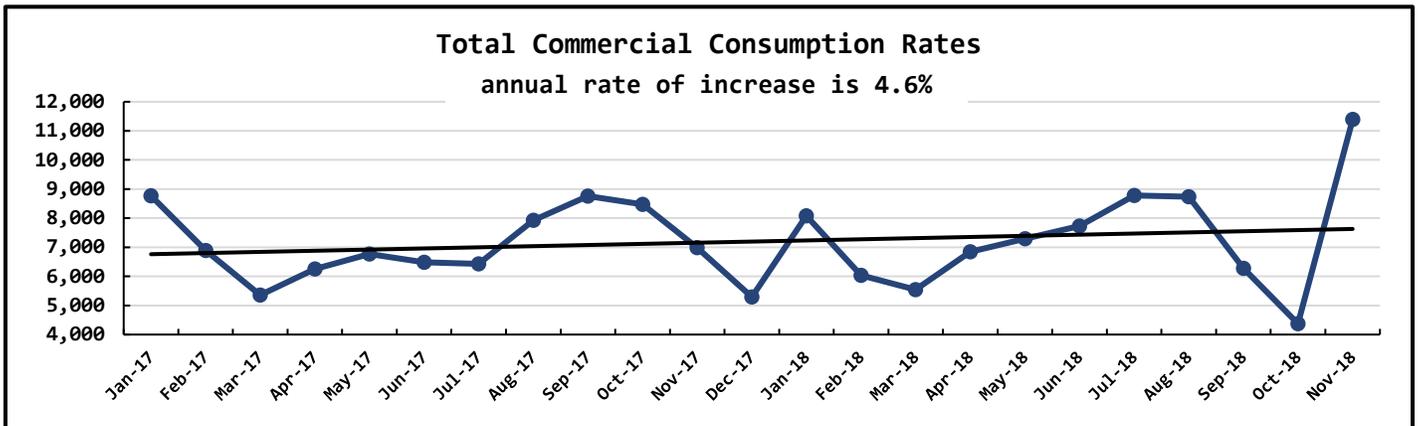
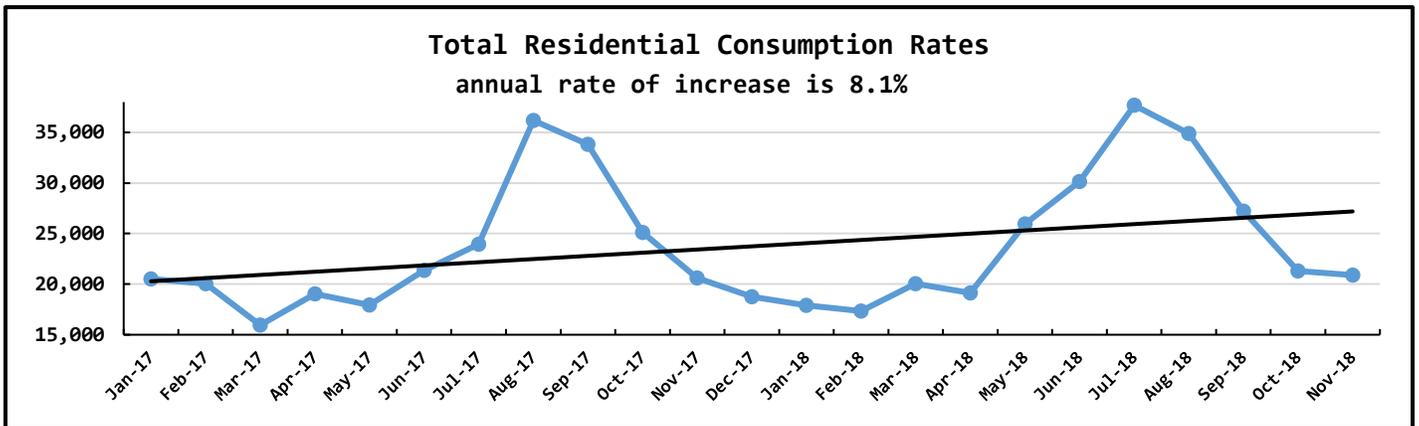
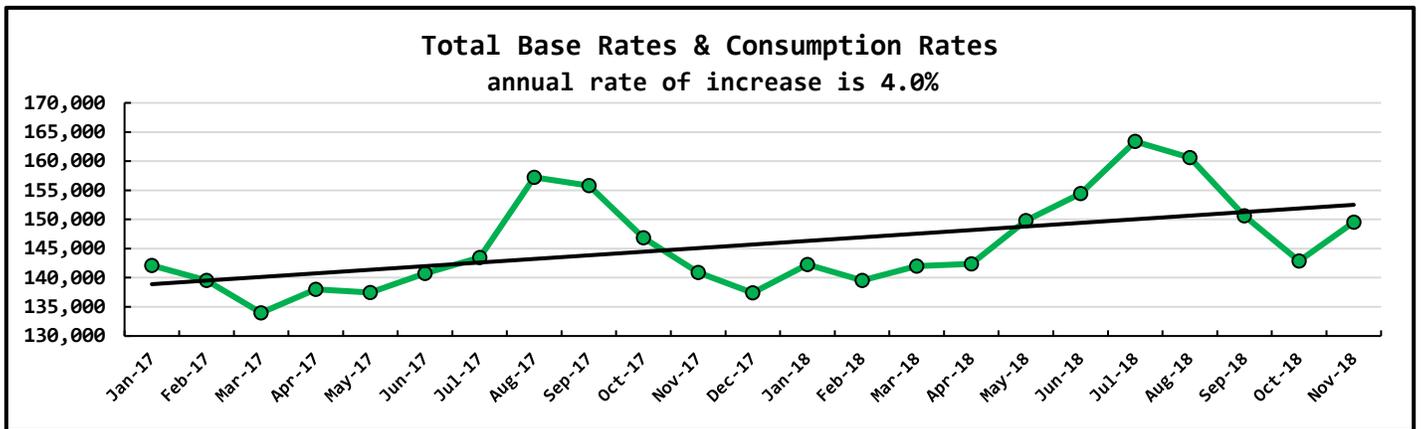


Data Period	Booster System Data		
November, 2018	North Wellfield Booster High	745	<i>gpm</i>
	North Wellfield Booster Low	0	<i>gpm</i>
	North Wellfield Booster Average	125	<i>gpm</i>
	South Wellfield Booster High	630	<i>gpm</i>
	South Wellfield Booster Low	35	<i>gpm</i>
	South Wellfield Booster Average	110	<i>gpm</i>
	North Wellfield Booster High	68	<i>psi</i>
	North Wellfield Booster Low	56	<i>psi</i>
	North Wellfield Booster Average	64	<i>psi</i>
	South Wellfield Booster High	66	<i>psi</i>
	South Wellfield Booster Low	64	<i>psi</i>
	South Wellfield Booster Average	63	<i>psi</i>

Data Period	Well Field Data		
November, 2018	North Wellfield Total	5.8522	<i>mg</i>
	South Wellfield Total	1.6661	<i>mg</i>

Data Period	Accounts Data		
November, 2018	Residential Base Rate	108,194	\$
	Residential Accounts	2,631	<i>ea</i>
	Residential Consumption	20,890	\$
	Commercial Base Rate	7,981	\$
	Commercial Accounts	102	<i>ea</i>
	Commercial Consumption	11,389	\$
	Fire Flow Accounts	4	<i>ea</i>
	Fire Flow Rate	922	\$
	Backflow Accounts	19	<i>ea</i>
	Backflow Assembly Rates	129	\$
	Commercial Consumption	11,389	\$
	Total	149,505	\$
Surfside Contract	5,450	\$	
Surfside Reimbursement	169	\$	





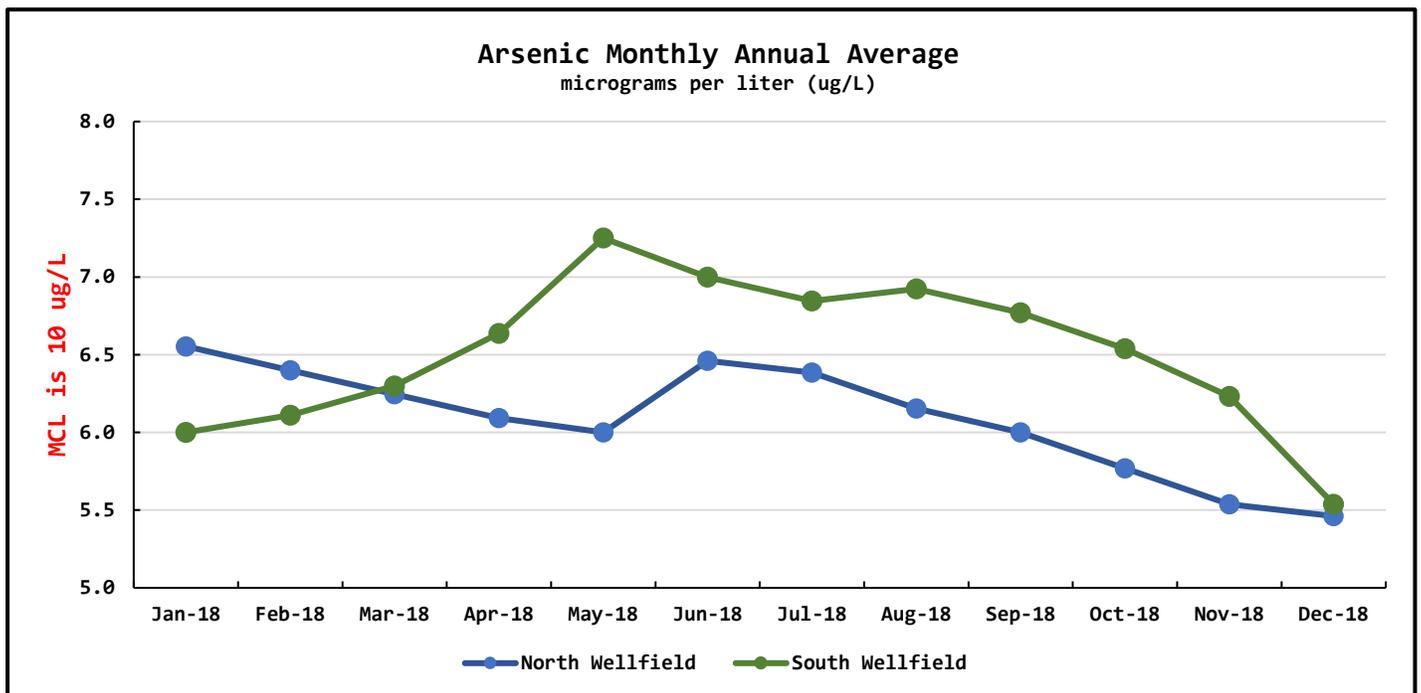
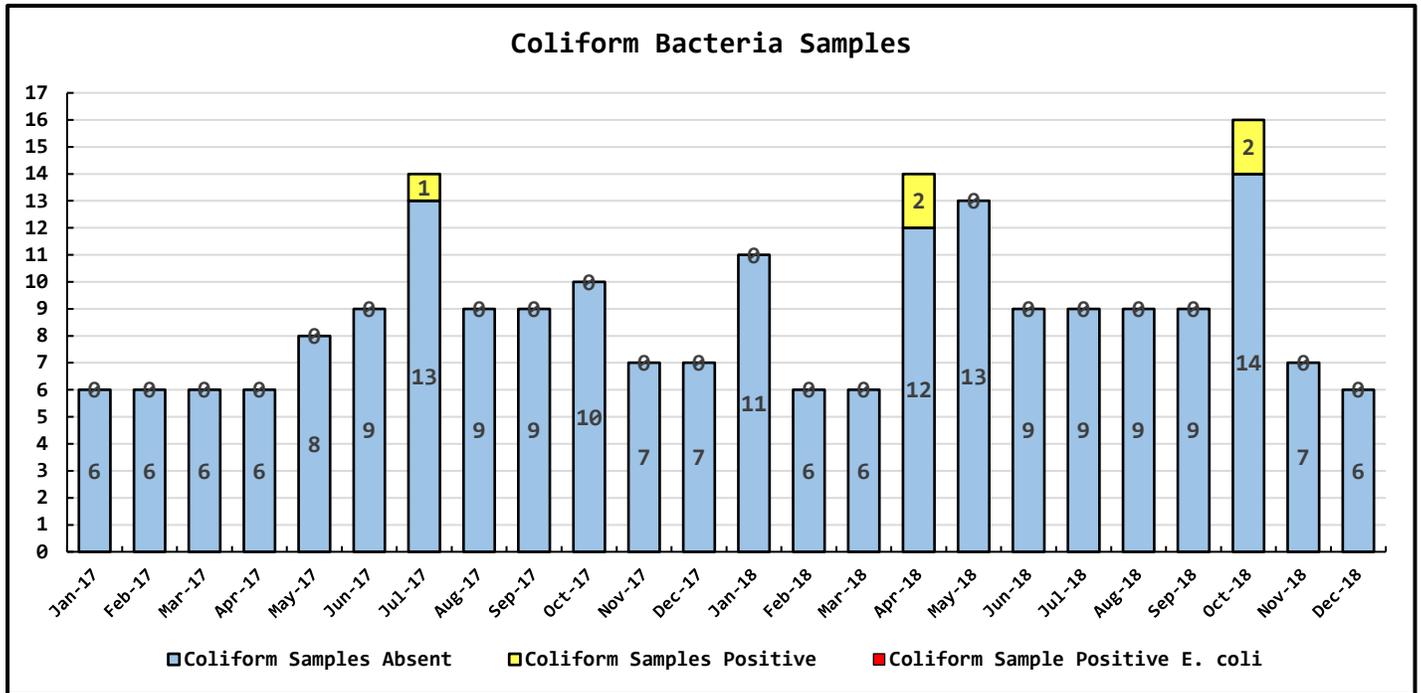
Data Period	Operations Data	
December, 2018	Past Due Accounts	282 ea
	Properties with Liens	35 ea
	Accounts Locked Off	8 ea
	Water Main Locates	24 ea
	Water Quality Complaints	0 ea
	Customer Service Calls	63 ea
	Customer Valves Installed	0 ea
	New Services Installed	0 ea

Data Period

Water Quality Data

December, 2018

Coliform Samples Collected	6	ea
Coliform Samples Absent	6	ea
Coliform Samples Positive	0	ea
Coliform Sample Positive E. coli	0	ea
NWF Arsenic Running Annual Average	5.46	ug/L
SWF Arsenic Running Annual Average	5.54	ug/L



General Manager's Report - January 2019

DWSRF Loan Project Update

We continue to work with Gray and Osborne on the following issues. 1) The valve actuators on the South Wellfield Treatment plant open and close too quickly during the backwash cycle. When you open or close a valve too fast you create damaging water hammer. 2) The radio signal between the NWF, SWF, and WWF is weak resulting in frequent loss of communication. Gray and Osborne have not been taking responsibility for these issues.

The items the District is responsible for to complete the project are:

- Calibrate new meters - Scheduled for January 17, 2019
- The new reduced voltage soft starts for the fire pumps at the South Wellfield have been installed and are operational.
- The gate and fencing on the Emond property easement access road. The crew was instructed to discontinue using the access road from U Street. We only access the Wiegardt Wellfield from the South Wellfield via the new access road.

2018 Capital Improvement Projects

South Wellfield Improvements - Postponed to later date

North Wellfield Improvements - Postponed to later date

Emond Easement Improvements - Work is complete

The Technology Group (TAG) installed software in December that will allow them to diagnose and repair programming issues through a secure internet connection. In addition, they made modifications to the programming to allow the well pumps at the North Wellfield to start and stop at individual settings and created a "Reports Page" that will provide the operator with a seven-day history of meter reads and pressure reads.