



# General Manager's Report

## Report on Water System Operations for:

Metering Period:

Billing Period:

Activity Period:

May, 2018

03/01/2018

-THRU-

03/31/2018

03/15/2018

-THRU-

04/15/2018

04/01/2018

-THRU-

04/30/2018

(MG= Million Gallons)

(Mg/L= milligrams per liter) (Ug/L= micrograms per liter)

(MCL= Maximum Contaminant Level)

(c.f.= Cubic Feet)

Total Water Pump From All Wells in Metering Period (TWP)

6.3741

MG

Total Water Sold in Metering Period

5.5038

MG

Total Filter Plant Backwash Water in Metering Period

0.1795

MG

Total Water Main Flushing Water in Metering Period

0.0810

MG

Total Other Authorized Water Use in Metering Period

0.1070

MG

Total Authorized Consumption in Metering Period (TAC)

5.8712

MG

Total Distribution System Leakage in Metering Period (DSL)

0.5029

MG

Percentage of DSL in Metering Period

7.9%

%

12 Month Running Total of TWP

90.3780

MG

12 Month Running Total of TAC

88.8548

MG

12 Month Running Total of DSL

7.3944

MG

12 Month Average of Percentage of DSL

8.2%

%

2,608

Residential Accounts

Paid Base Rates Totaling:

107,456.00

101

Commercial Accounts

Paid Base Rates Totaling:

5,548.00

5,897

100 c.f.

Residential Consumption

at \$0.0325 per c.f.

20,050.00

2,089

100 c.f.

Commercial Consumption

at \$0.0350 per c.f.

7,940.00

4

Fire-Flow Accounts

Paid Base Rates Totaling:

764.00

5,450.00

Surfside Contract +

174.00

Reimbursements =

5,624.00

Other Income:

4,363.00

Total Amount Billed in Billing Period

151,745.00

Total Accounts Past Due in Billing Period

271

Total Number of Properties with Liens

33

Total Accounts Locked Off for being past due in Billing Period

5

Total Number of Water Main Locates Completed in Activity Period

27

Total Number of Water Quality Complaints in Activity Period

2

Total Number of Customer Service Calls in Activity Period

57

Total Number of Customer Valves Installed in Activity Period

0

Total Number of New Services Installed in Activity Period

1

### Water Quality Report - Microbial

Routine Coliform Bacteria

14

2

Investigative Coliform Bacteria

0

0

### Water Quality Report - Inorganic

North Wellfield Arsenic (RAA) (MCL 0.01 mg/L)

0.0064

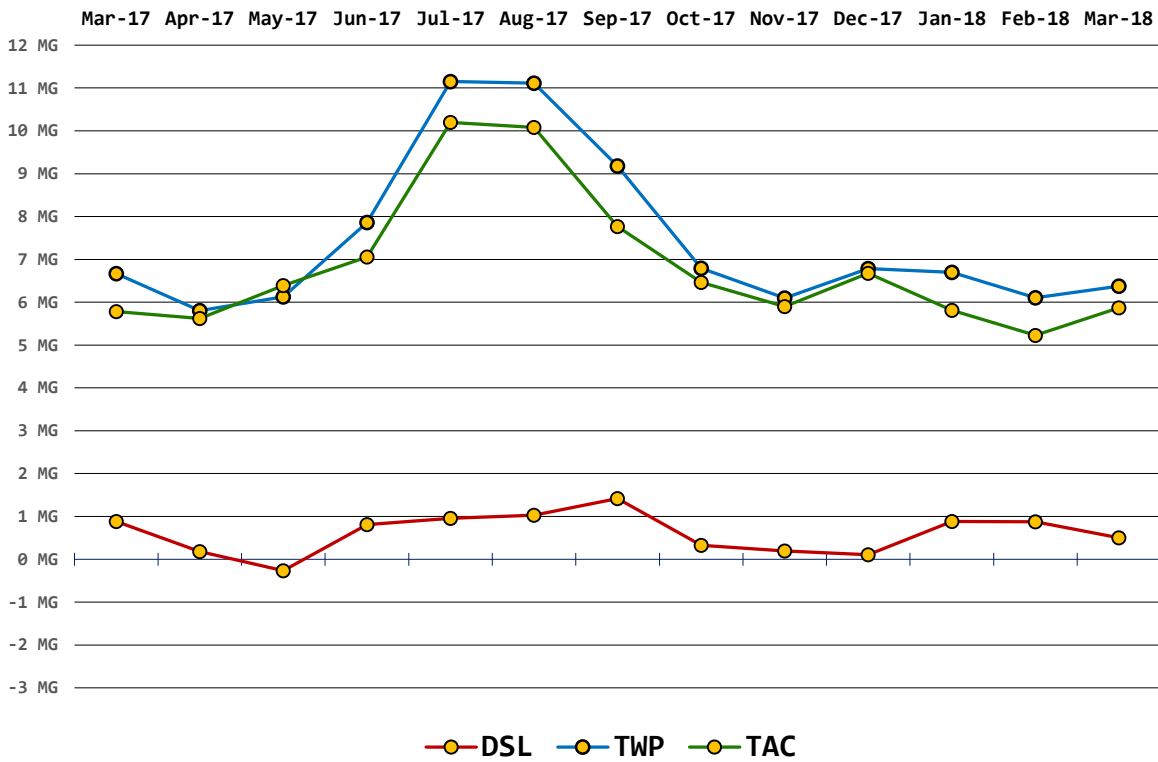
Yes

Weigardt Wellfield Arsenic (RAA) (MCL 0.01 mg/L)

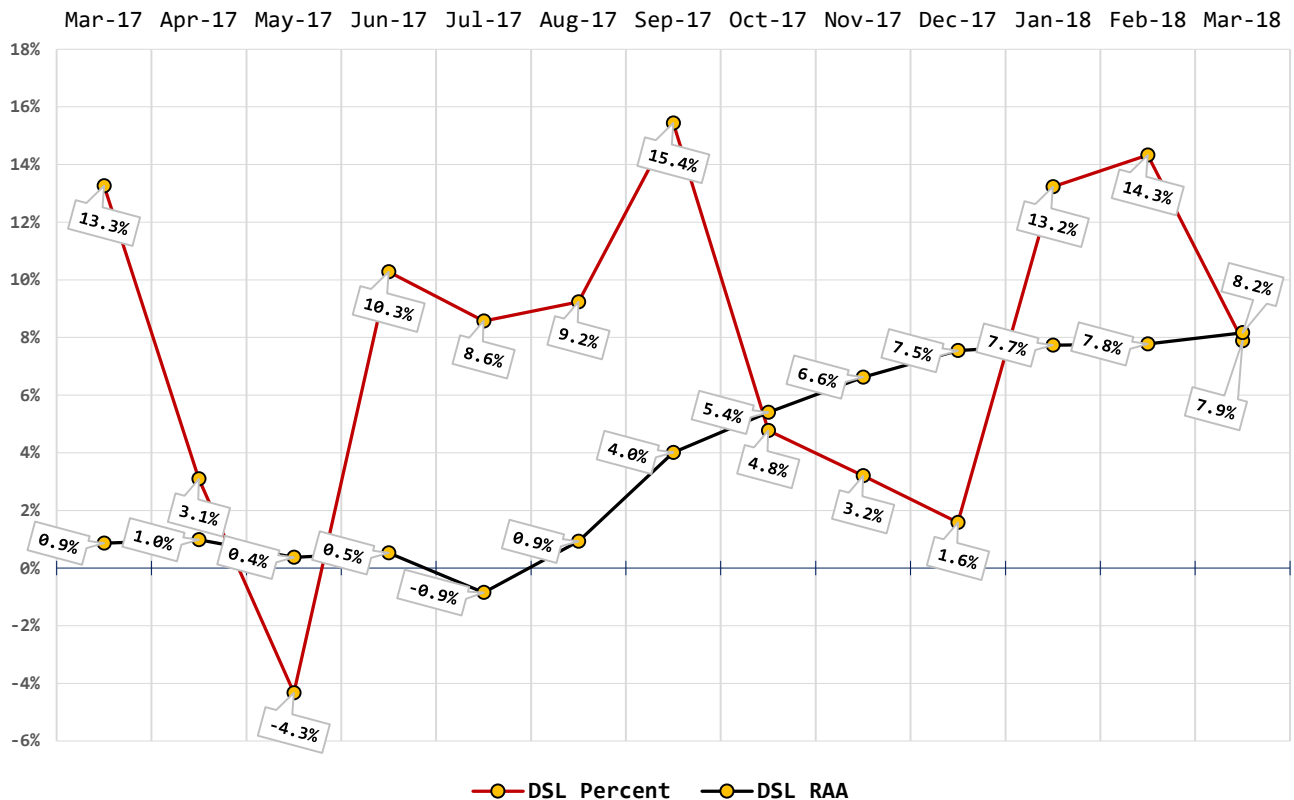
0.0061

Yes

### Water Use Efficiency Chart #1



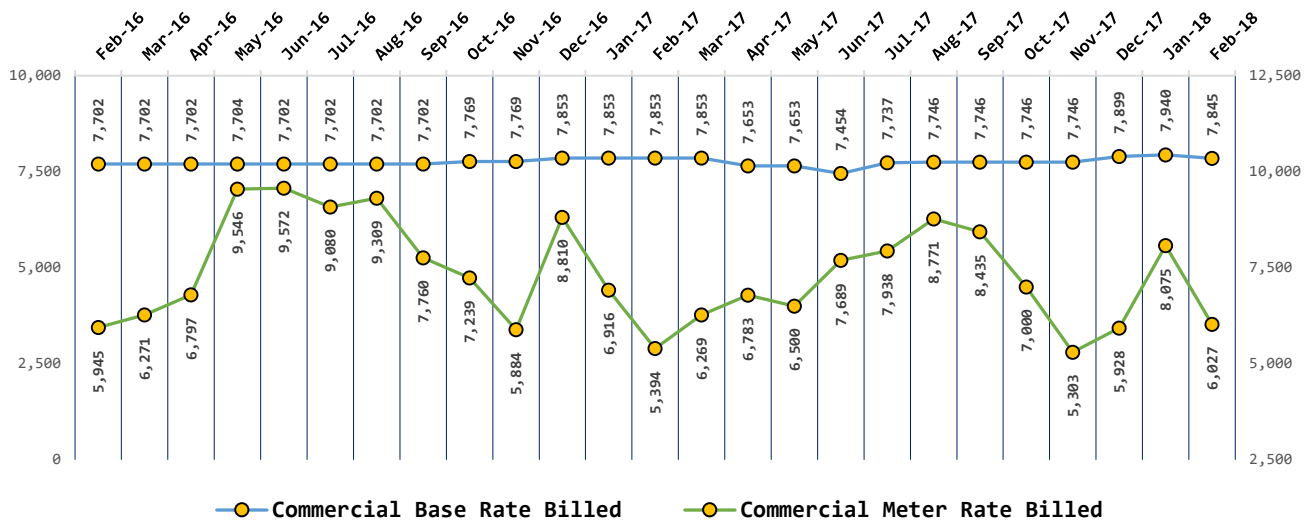
### Water Use Efficiency Chart #2



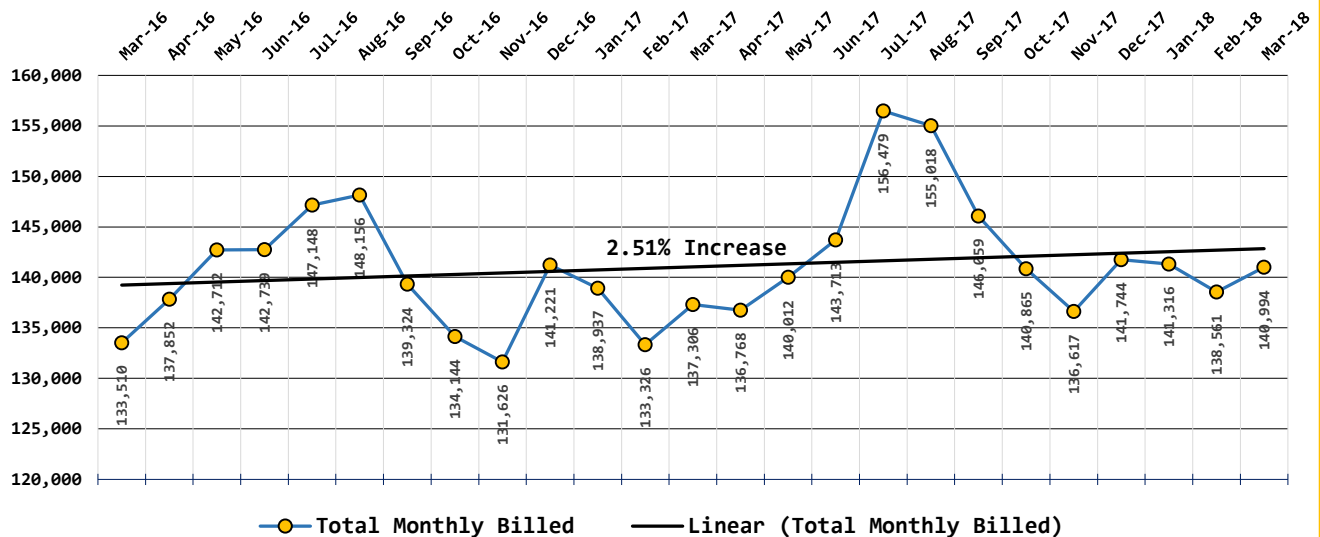
## RESIDENTIAL RATES BILLED



## COMMERCIAL RATES BILLED



## TOTAL RATES BILLED









04.16.2018

## General Manager Report May, 2018

To:  
Board of  
Commissioners

From:  
William Neal,  
General Manager

### DWSRF Project Status:

The crew has completed the NWF Treatment Plant Improvements. There are some punch list items to complete but the Treatment Plant is functional. As soon as we have received good coliform bacteria samples we will be able to start pumping water from the NWF Treatment Plant into the distribution system.

The new well pumps are installed and working. All of the water level indicators are working. It will really be helpful to have data on the well drawdown during pumping cycles. All of the wells have been disinfected and we are waiting results of coliform bacteria samples.

The electrical work, with the exception of the generator transfer switch and the electrical controls for well #1 complete. Both of these items are change order items and the delivery will be in a few weeks. The NWF Treatment Plant can operate at reduced capacity until Well #1 is online.

We conducted the NWF Treatment Plant start-up the week of April 30, 2018. At that time, we ran all of the well pumps, booster pumps, filter trains, and programed all of the telemetry. I am very satisfied with the results of the start-up. All of the new equipment performed as designed. Some of the old equipment that was not replaced gave us some problems. Two of the twelve filter train control heads did not operate properly during start-up. We are checking with the manufacture for solutions. The four filter trains can filter a total of 1,200 GPM. Currently we are only filtering about 500 gpm. Therefore, the loss of two filter vessels will not have a negative effect on the quality of the water.

## North Beach Water District

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