

General Manager's Report

Report on Water System Operations for:

January, 2018		
Metering Period:	12/01/2017	- THRU - 12/31/2017
Billing Period:	12/15/2017	- THRU - 01/15/2018
Activity Period:	01/01/2018	- THRU - 01/31/2018

(MG= Million Gallons) (Mg/L= milligrams per liter) (Ug/L= micrograms per liter) (MCL= Maximum Contaminant Level) (cf.= Cubic Feet)

Total Water Pump From All Wells in Metering Period (TWP)	6.7862	MG
Total Water Sold in Metering Period	5.6713	MG
Total Filter Plant Backwash Water in Metering Period	0.1548	MG
Total Water Main Flushing Water in Metering Period	0.7723	MG
Total Other Authorized Water Use in Metering Period	0.0804	MG
Total Authorized Consumption in Metering Period (TAC)	6.6788	MG
Total Distribution System Leakage in Metering Period (DSL)	0.1074	MG
Percentage of DSL in Metering Period	1.6%	%
12 Month Running Total of TWP	83.5056	MG
12 Month Running Total of TAC	76.3106	MG
12 Month Running Total of DSL	7.1950	MG
12 Month Average of Percentage of DSL	7.5%	%

2,608
101
2,323
1,560
4
0.00

Residential Accounts	Paid Base Rates Totaling:	107,442.00
Commercial Accounts	Paid Base Rates Totaling:	20,475.00
100 cf. Residential Consumption	at \$0.0325 per c.f.	7,899.00
100 cf. Commercial Consumption	at \$0.0350 per c.f.	5,928.00
Fire-Flow Accounts	Paid Base Rates Totaling:	764.00
Surfside Contract + 563.00	Reimbursements =	563.00
	Other Income:	4,363.00
Total Amount Billed in Billing Period		147,434.00

Total Accounts Past Due in Billing Period	289
Total Number of Properties with Liens	33
Total Accounts Locked Off for being past due in Billing Period	6
Total Number of Water Main Locates Completed in Activity Period	24
Total Number of Water Quality Complaints in Activity Period	1
Total Number of Customer Service Calls in Activity Period	50
Total Number of Customer Valves Installed in Activity Period	0
Total Number of New Services Installed in Activity Period	2

Water Quality Report - Microbial

Routine Coliform Bacteria

Good	Bad
6	0

Investigative Coliform Bacteria

4	0
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Water Quality Report - Inorganic

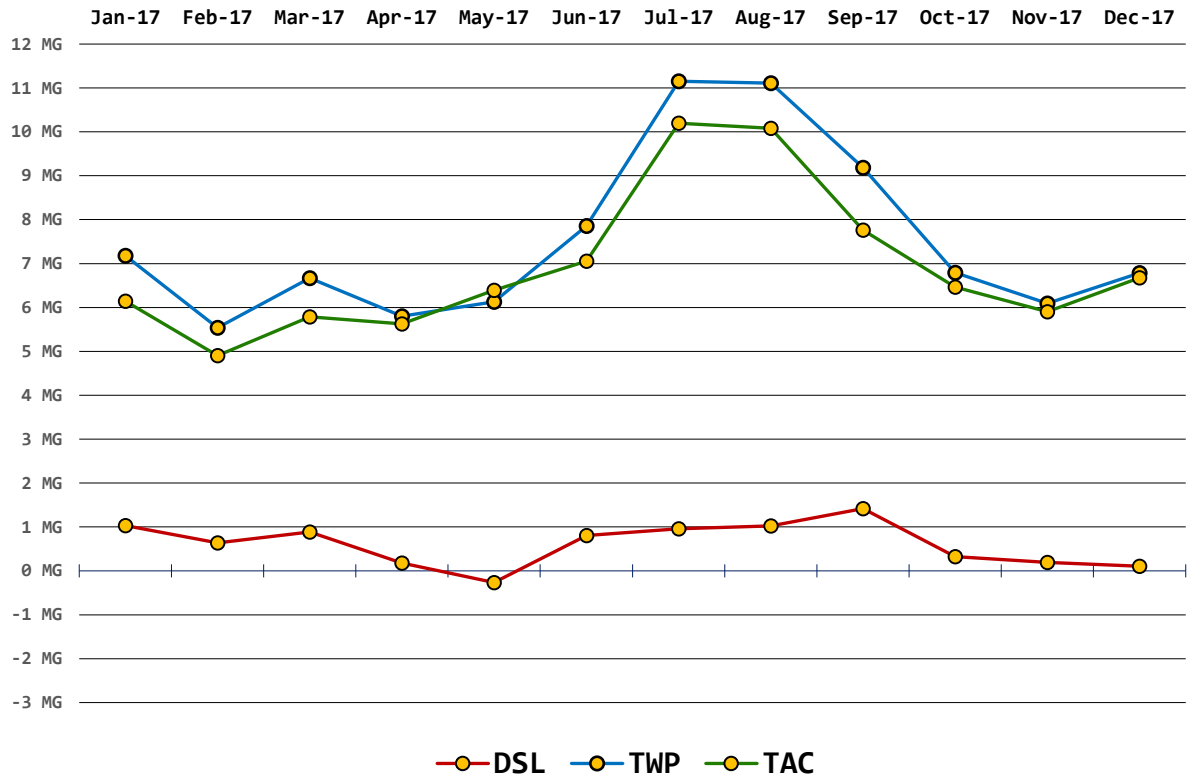
North Wellfield Arsenic (RAA) (MCL 0.01 mg/L)

mg/L	Comply
0.0069	Yes

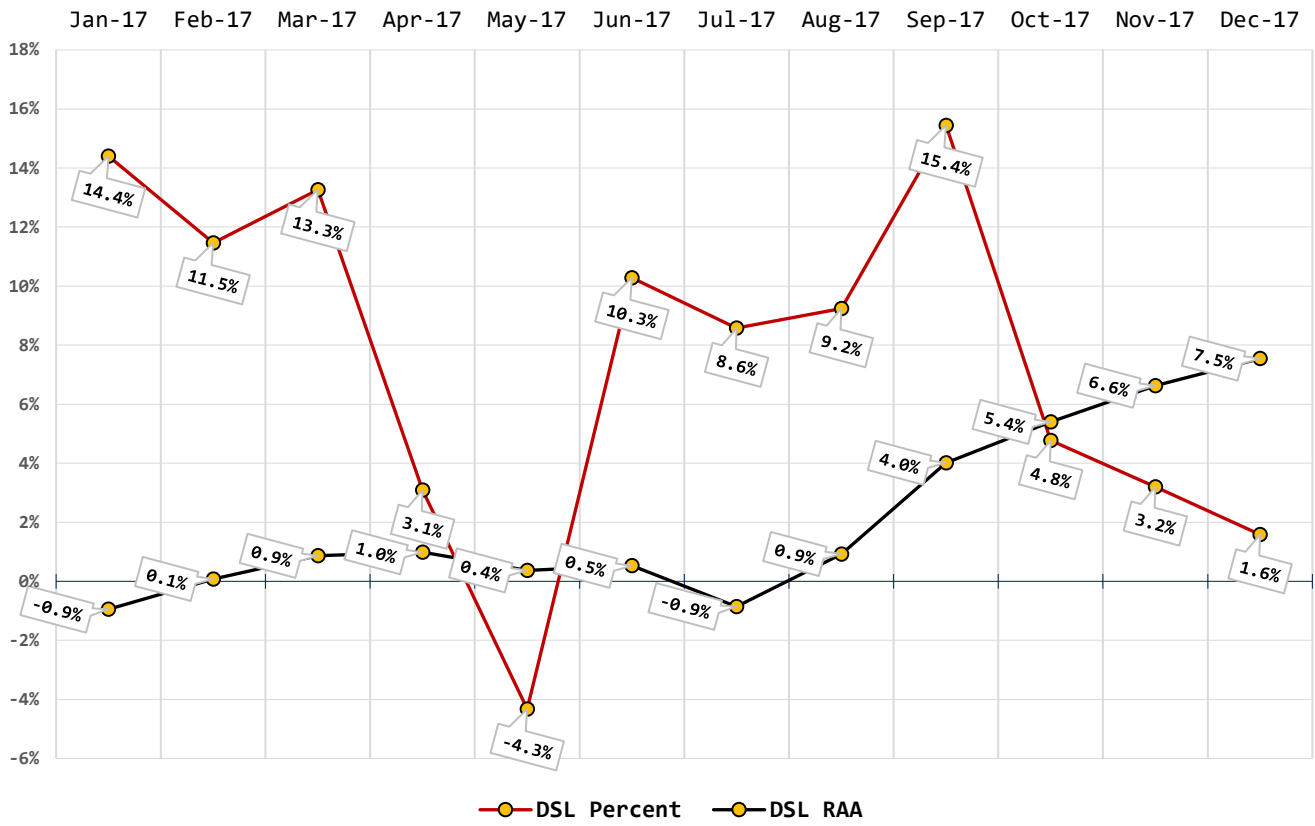
Weigardt Wellfield Arsenic (RAA) (MCL 0.01 mg/L)

0.0060	Yes
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Water Use Efficiency Chart #1



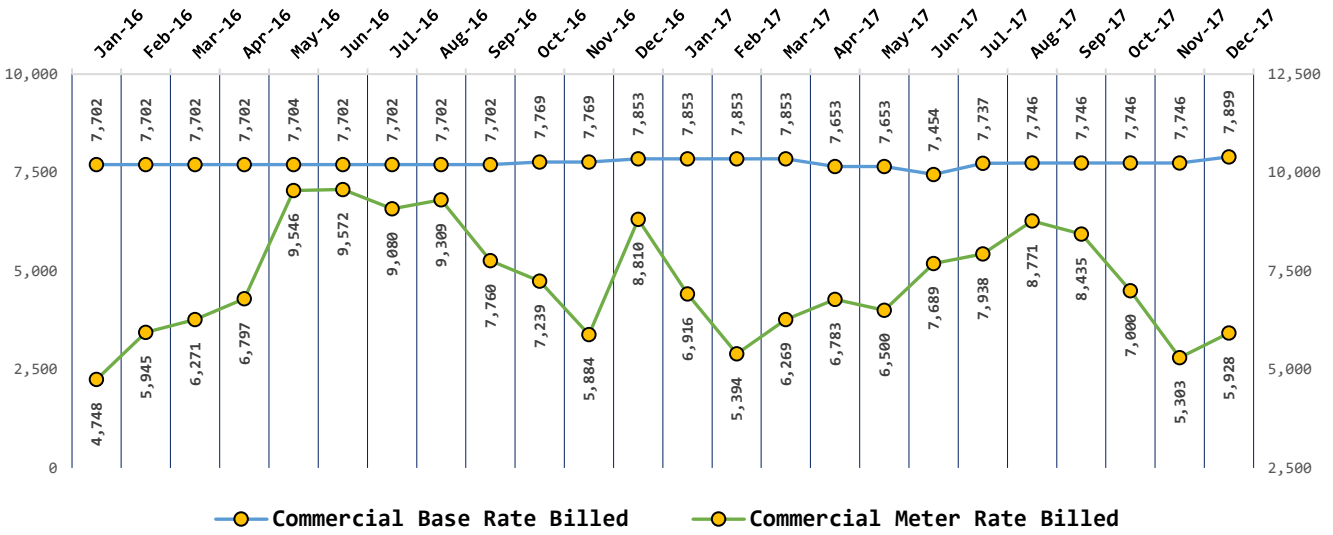
Water Use Efficiency Chart #2



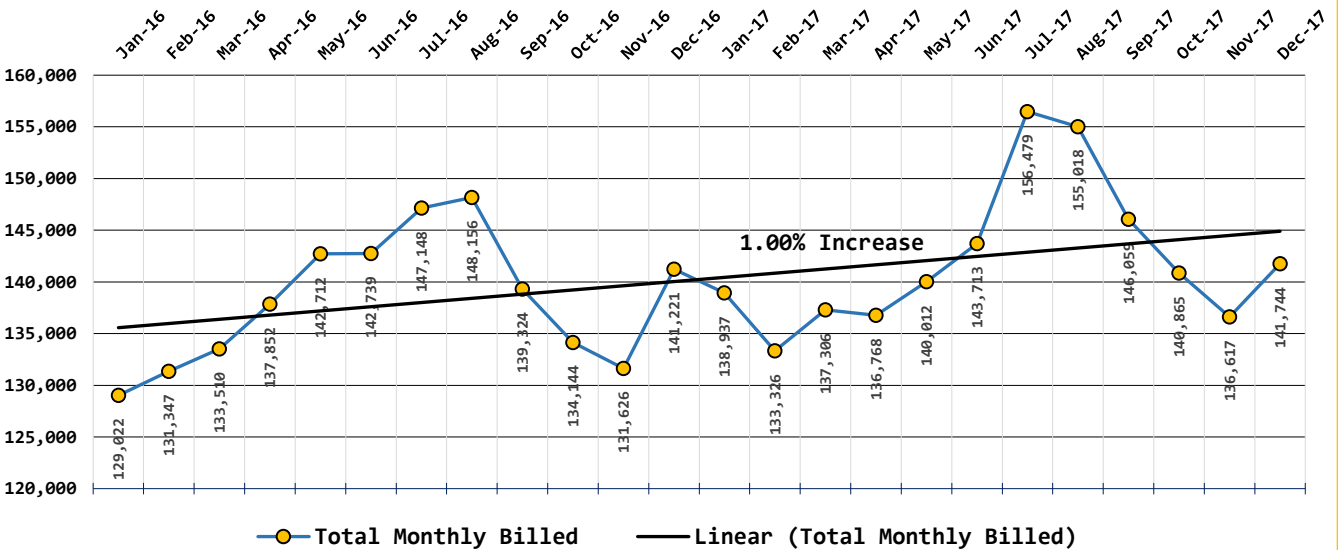
RESIDENTIAL RATES BILLED



COMMERCIAL RATES BILLED



TOTAL RATES BILLED



02.23.2018

General Manager Report February, 2018

To:
Board of
Commissioners

From:
William Neal,
General Manager

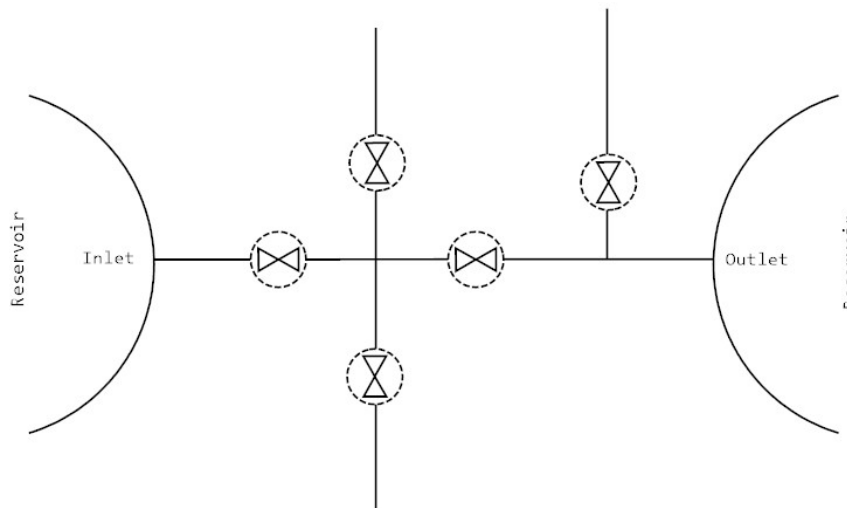
DWSRF Project Status:

The DWSRF Project has restarted. The crew is working on the mechanical improvements to the NWF Treatment Plant. The contractor has started electrical work in the Booster Station. The PUD is contracted to install the 480 volt transformer. The transformer should be installed sometime in the first two weeks of March, depending on PUD scheduling. All of the well houses have been demolished. The contractor will be installing the new pumps in the wells in early March. There is a lot to do in a short period of time. It is our goal to have the North Wellfield up and running before Memorial Day Weekend.

NWF Reservoirs:

We have discovered a problem with the way the mechanical piping for NWF reservoirs are configured. The fill (inlet) line and the service (outlet) line are connected via a cross between the center reservoir and the east reservoir and the center reservoir and the west reservoir. This is the main reason we were seeing so much air in the distribution system water last summer.

Present configuration:



North Beach Water District

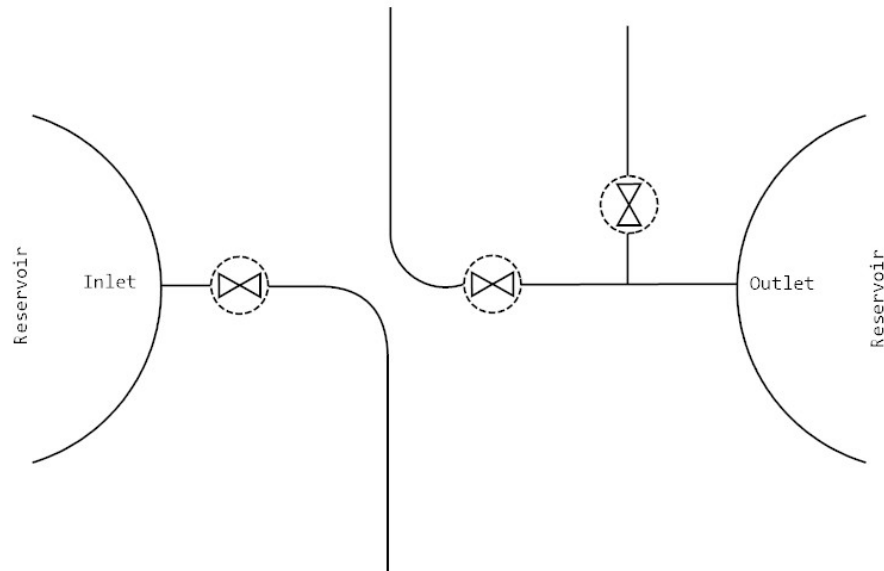
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Ocean Park, WA 98640

www.northbeachwater.com



Proper configuration:



When we complete these improvements the reservoirs will operate as they were designed. All new water will enter the reservoir and be discharged near the top of the reservoir. As the new water enters the reservoir it will migrate down the reservoir keeping the waters resident time in the reservoir constant (eliminating stagnation). In addition, any air left in the water after treatment will dissipate out in the reservoir before entering the distribution system.

