



General Manager's Report

Report on Water System Operations for:

Metering Period:

Billing Period:

Activity Period:

January, 2017		
11/01/2016	- THRU -	11/30/2016
11/16/2016	- THRU -	12/16/2016
12/01/2016	- THRU -	12/31/2016

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

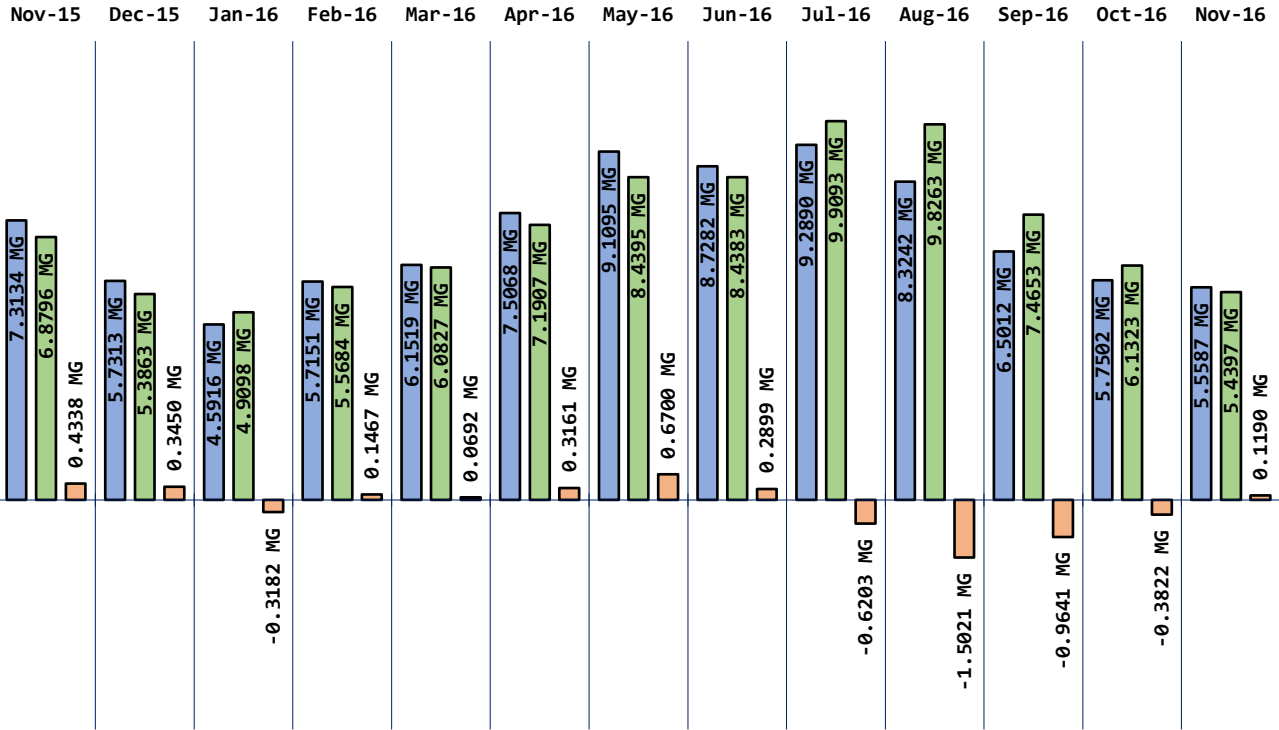
Total Water Pump From All Wells in Metering Period (TWP) ----->	5.5587	MG
Total Water Sold in Billing Period ----->	5.4201	MG
Total Filter Plant Backwash Water in Metering Period ----->	0.0377	MG
Total Water Main Flushing Water in Metering Period ----->	0.0000	MG
Total Other Authorized Water Use in Metering Period ----->	0.0000	MG
Total Authorized Consumption in Metering Period (TAC) ----->	5.4578	MG
Total Distribution System Leakage in Metering Period (DSL) ----->	0.1009	MG
Percentage of DSL in Metering Period ----->	1.8%	%
12 Month Running Total of TWP ----->	82.9577	MG
12 Month Running Total of TAC ----->	83.8043	MG
12 Month Running Total of DSL ----->	-0.8466	MG
12 Month Average of Percentage of DSL ----->	-1.0%	%

2,589	Residential Accounts	Paid Base Rates Totaling:	102,986
106	Commercial Accounts	Paid Base Rates Totaling:	7,769
518,564	cf. Residential Consumption	at \$0.0289 per c.f.	14,988
203,586	cf. Commercial Consumption	at \$0.0289 per c.f.	5,884
4	Fire-Flow Accounts	Paid Base Rates Totaling:	478
5,450	Surfside Contract + 124.00	Reimbursements =	5,574
Other Billings: ----->			5,364
Total Amount Billed in Billing Period ----->			143,043

Total Accounts Past Due in Billing Period ----->	453
Total Accounts Past Due Longer than 60 days in Billing Period ----->	116
Total Accounts Locked Off for being past due in Billing Period ----->	32
Total Number of Properties with Liens ----->	32
Total Number of Water Main Locates Completed in Activity Period ----->	32
Total Number of Water Quality Complaints in Activity Period ----->	1
Total Number of Customer Service Calls in Activity Period ----->	55
Total Number of Customer Valves Installed in Activity Period ----->	1
Total Number of Service Meters Replaced in Activity Period ----->	0

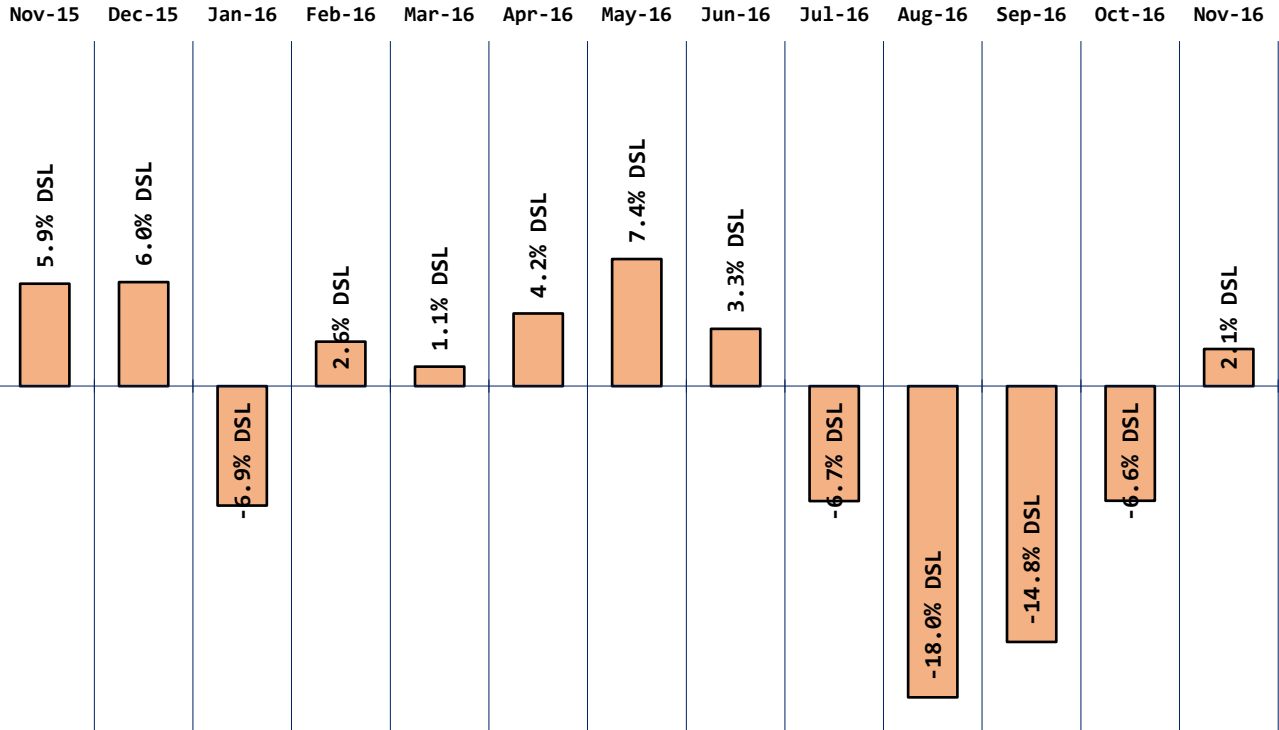
Water Use Efficiency Chart #1

■ Total Water Pumped (TWP) ■ Total Water Consumed (TAC) ■ Distribution System Leakage (DSL)

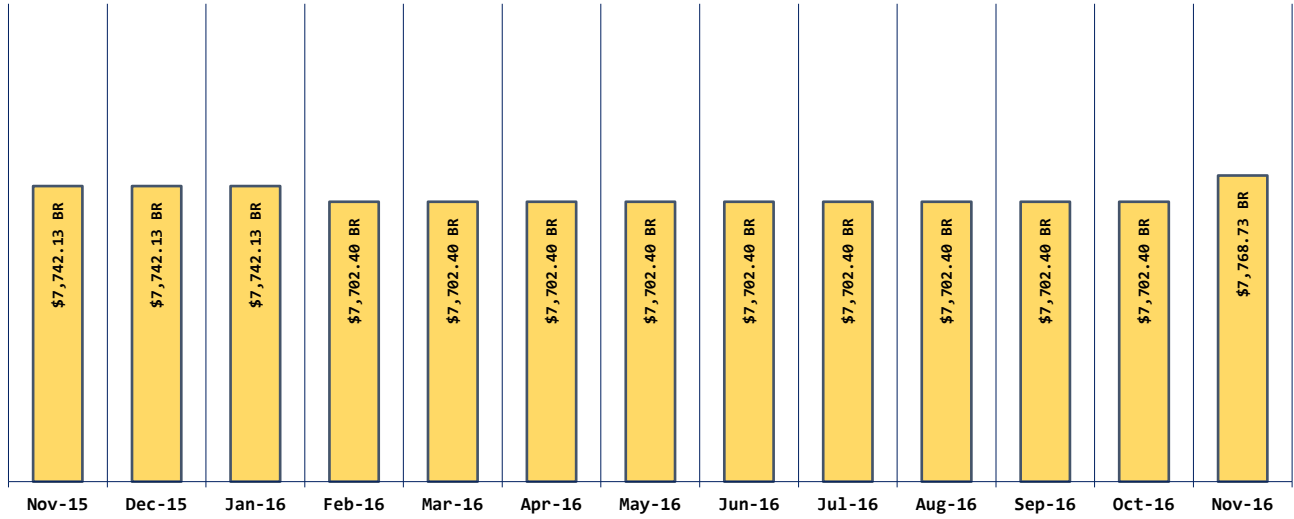


Water Use Efficiency Chart #1

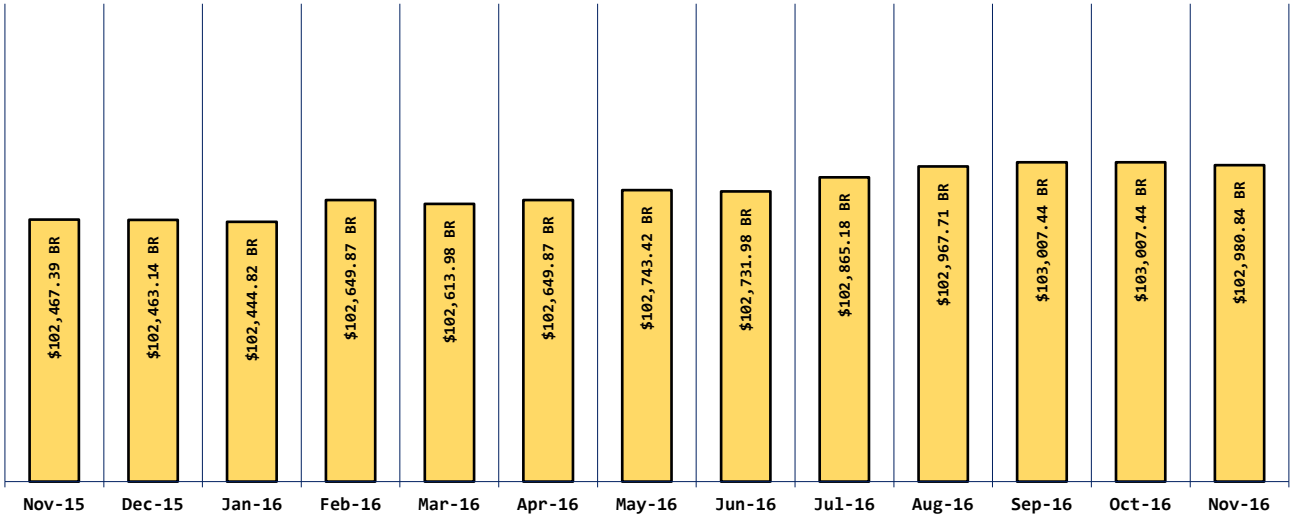
■ % DSL Monthly



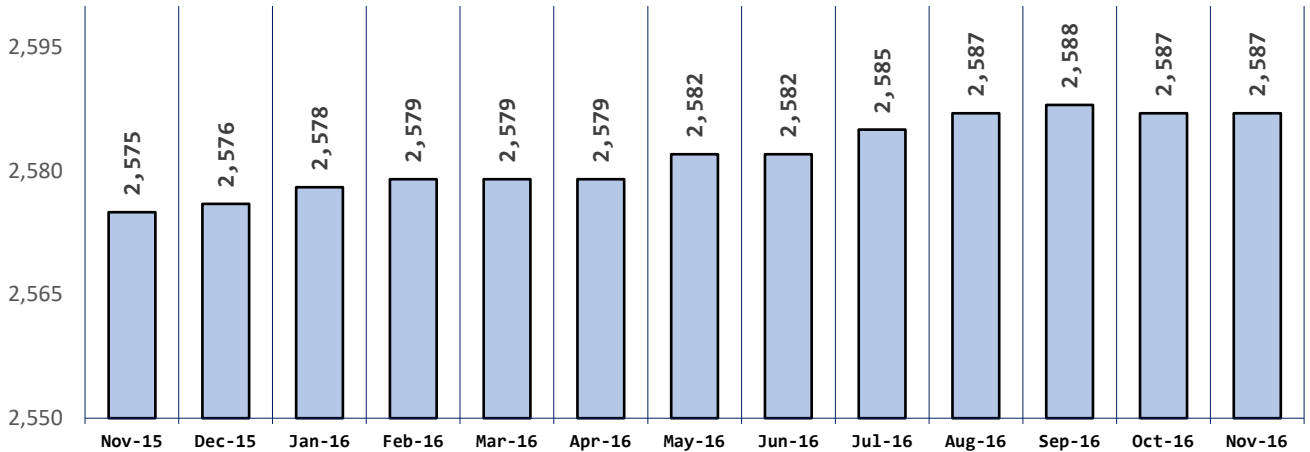
Commercial Base Rates Billed



Residential Base Rates Billed

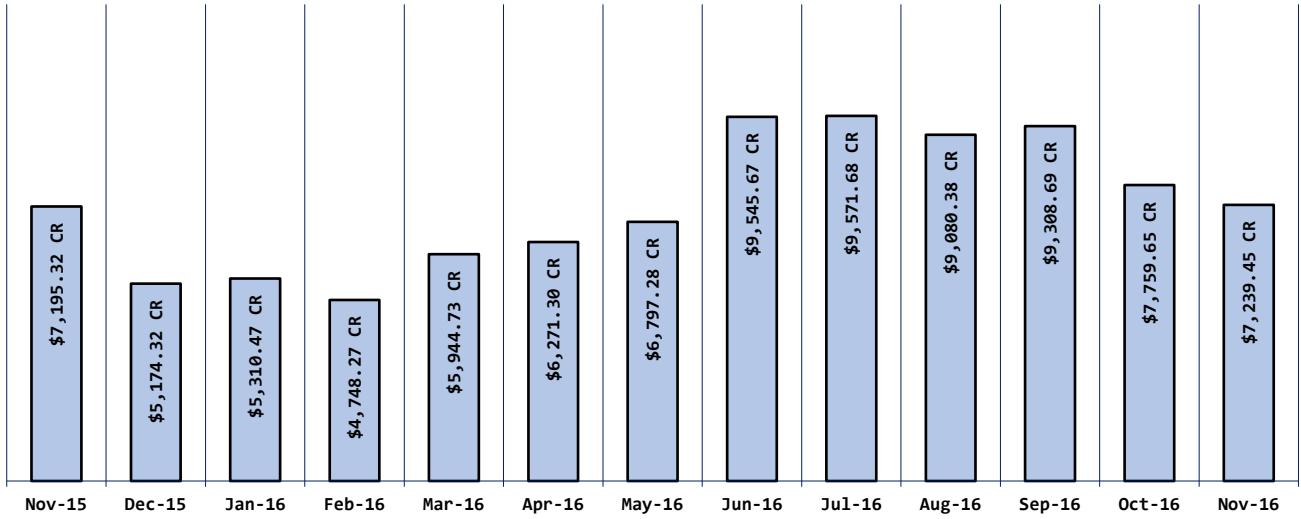


Number of Accounts By Month

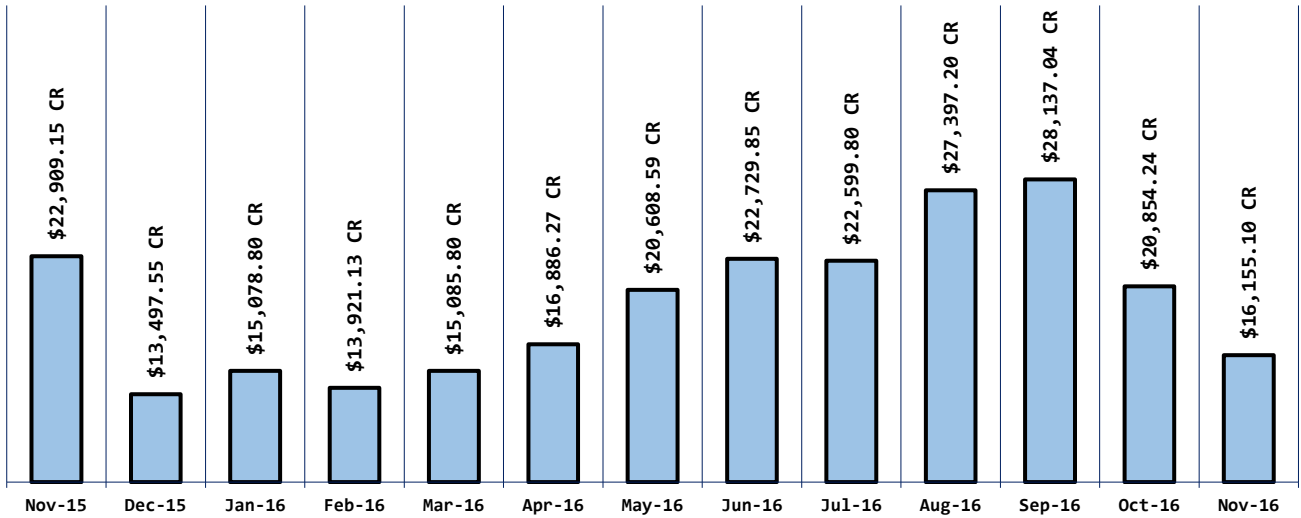


□ Residential Accounts

Commercial Consumption Rate Billed



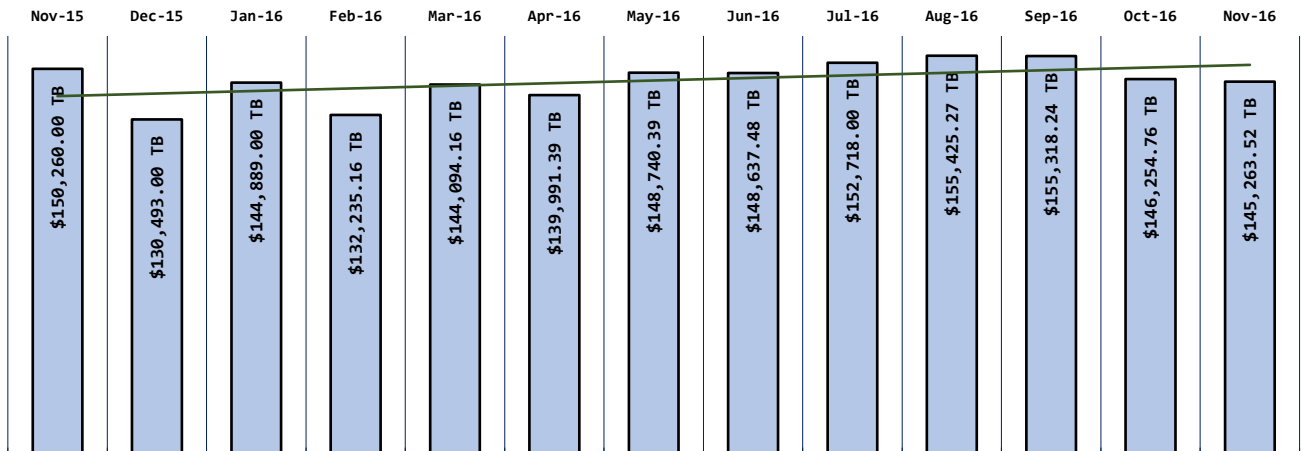
Residential Consumption Rate Billed



Total Amount Billed By Month

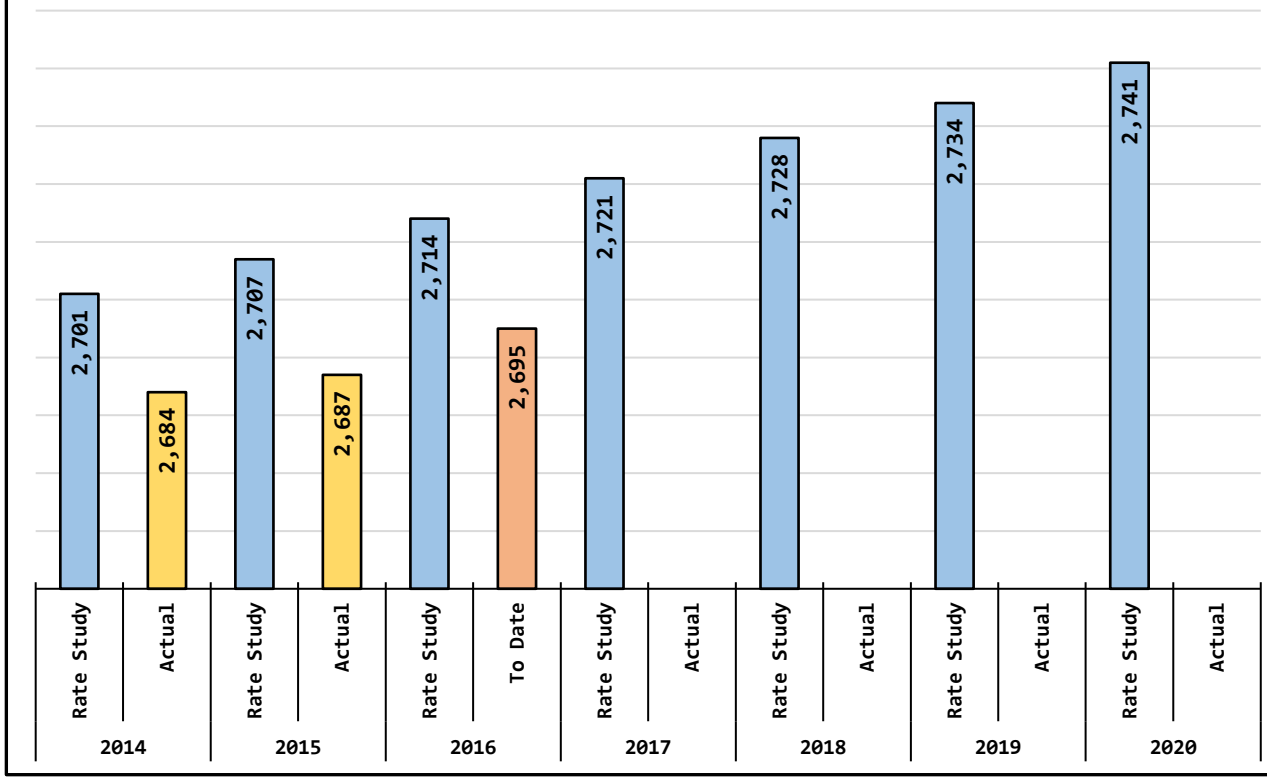
$$y = 13.304 x - 418319$$

$$R^2 = 0.0167$$

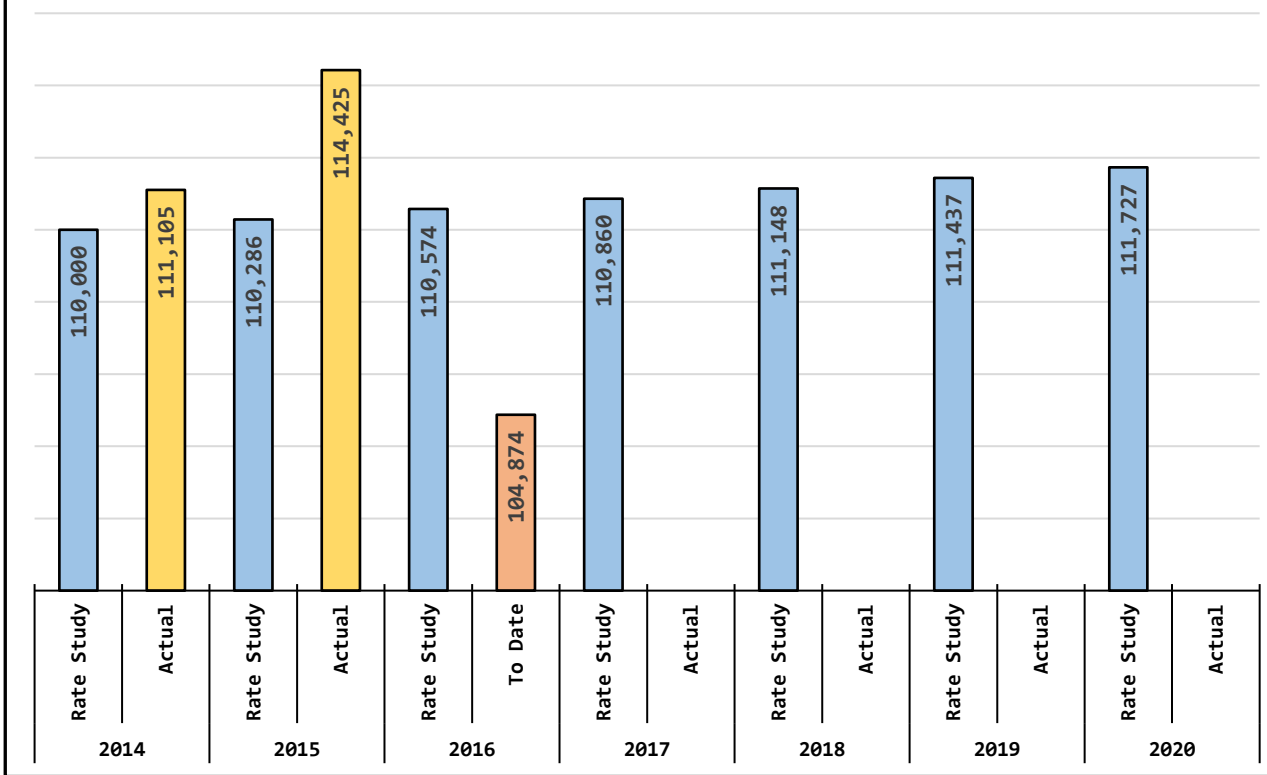


Total Amount Billed
 Linear (Total Amount Billed)

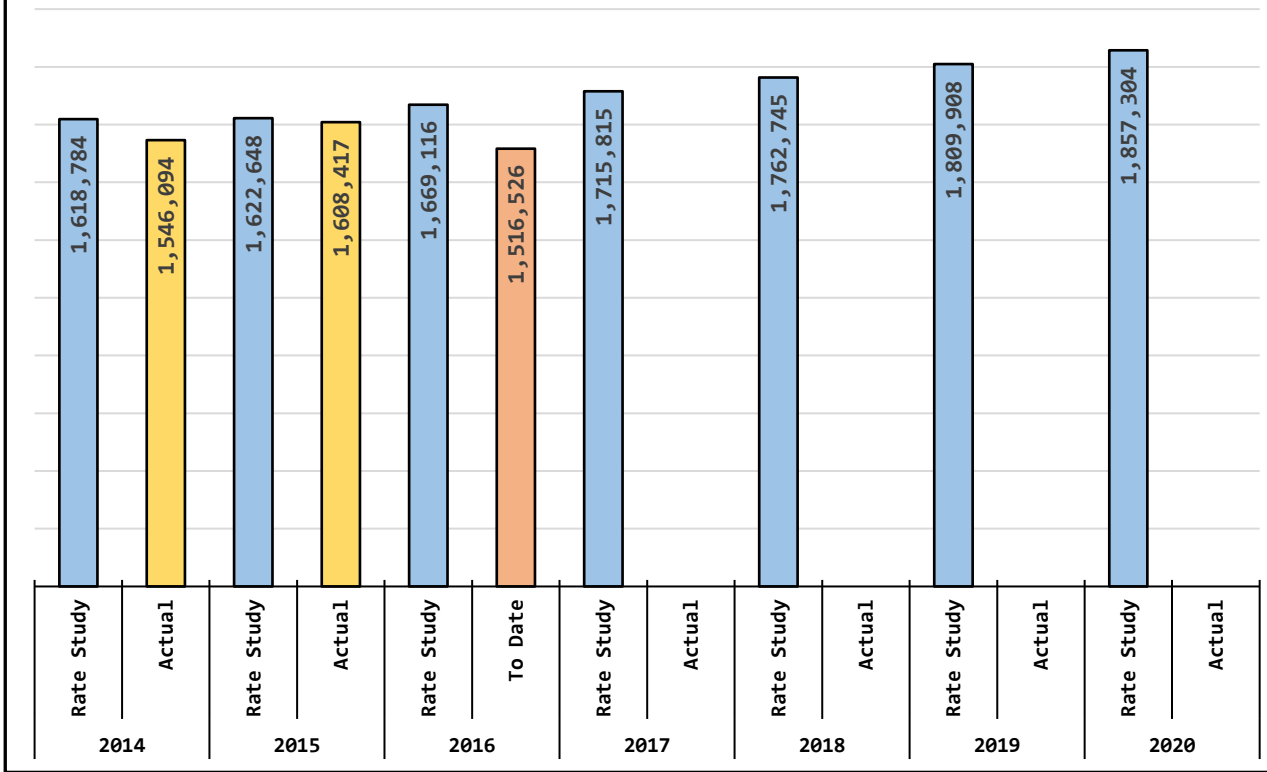
Rate Study to Actual Comparison - Accounts



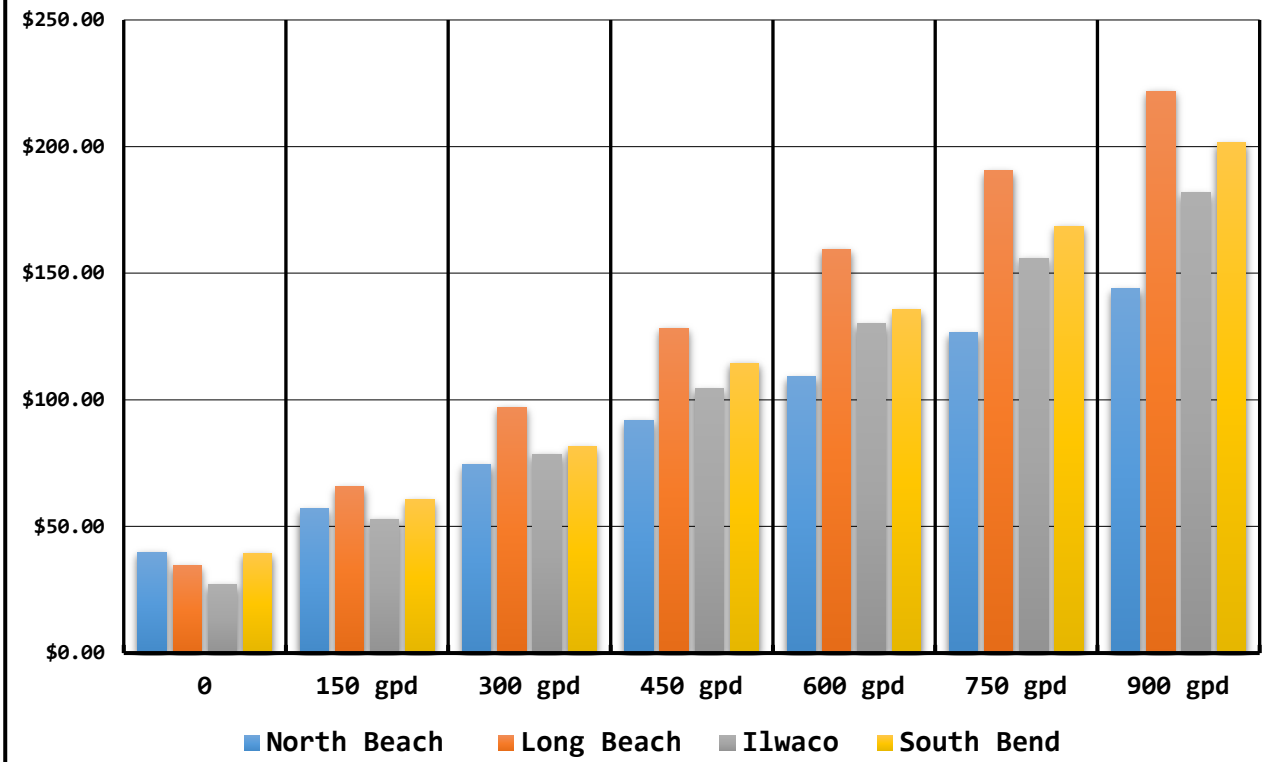
Rate Study to Actual Comparison - Usage (CF)



Rate Study to Actual Comparison - Revenue/Rates

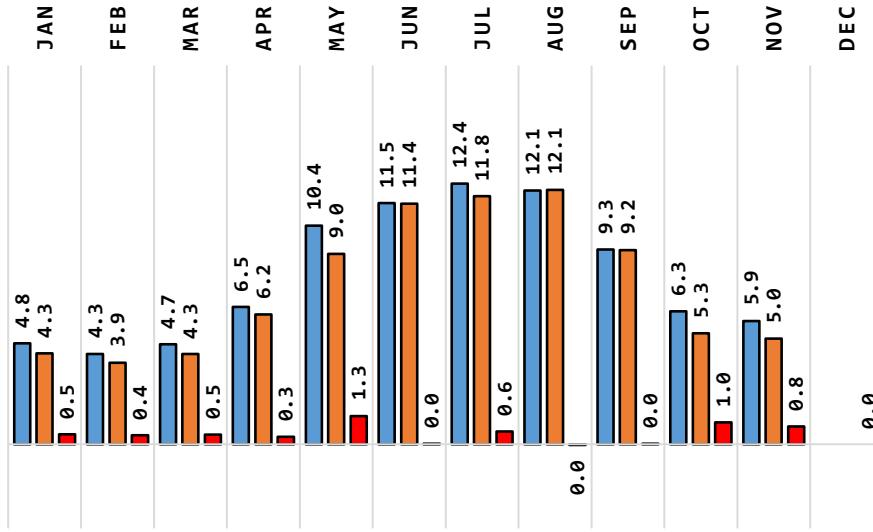


NBWD Rate Comparison

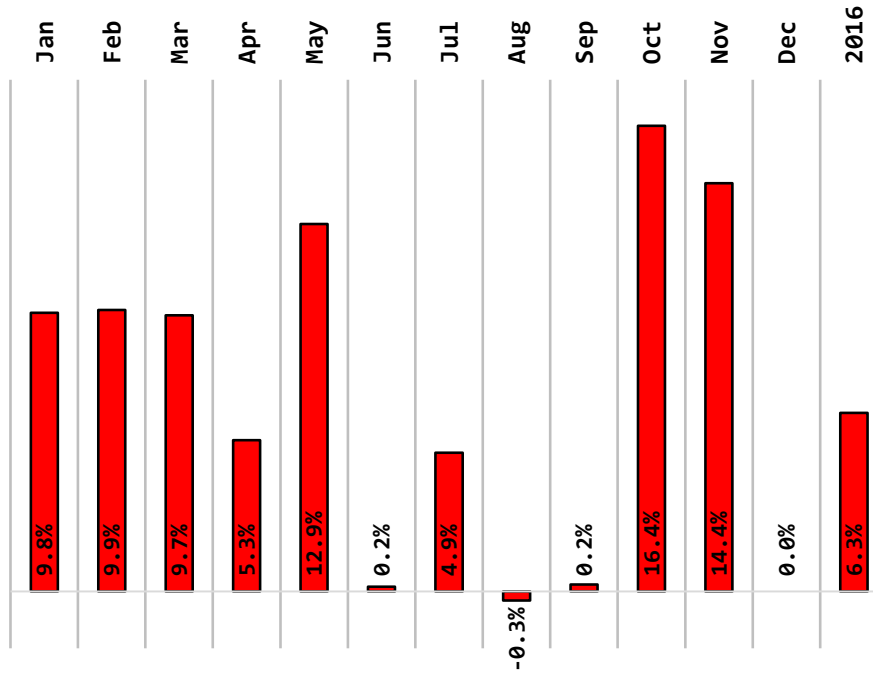


WATER USE EFFICIENCY MONTHLY (MILLION GALLONS)

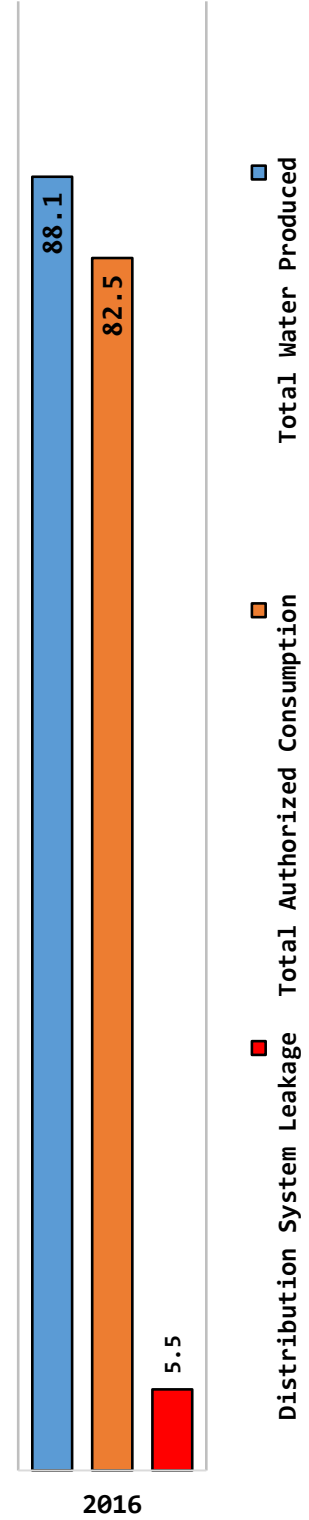
- Total Water Produced
- Total Authorized Consumption
- Total Distribution System Leakage



Water Use Efficiency Monthly (Percent of DSL)



Water Use Efficiency Annual Total 2016



01.12.2017

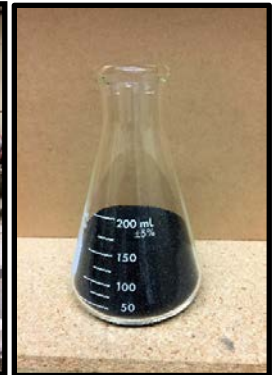
General Manager Report January, 2017

To
Board of Commissioners

From
William Neal,
General Manager

DWSRF Project Status:

The South Wellfield DWSRF project has come to a stall. The vendor providing the filter units has failed to deliver the equipment on time. Currently, the delivery date is the fourth week in January. There is very little work that can be accomplished until the treatment plant arrives. The media for the treatment plant has arrived and is being stored in our new building at the North Wellfield.



North Wellfield Treatment Plant:

Coast Garage Door, Seaside Oregon, replaced the door on the west side of the NWF Treatment Plant. Coast Garage Door did an excellent job installing the door.

Emond Easement:

Mr. Emond has the amended documents in his possession. According to his consultant, Tom Frere, Mr. Emond has forwarded the documents to his attorney for review. I hope to see signed documents in the next 30 days.



New Office and Facilities Building Status:

I forwarded Ryan Helligso the second amendment to the contract in mid-December. The amendment formalizes Ryan Helligso's offer to extend the warranty on the siding to two years beyond the one year warranty required by the contract. In addition, Helligso will be required to extend their bonding to cover the extended warranty period. Ryan has not responded to the second amendment to the contract nor has he responded to the notification of warranty items. I will contact our attorney, Brent Dille, to discuss options.

Loomis Lake Crossing Project:

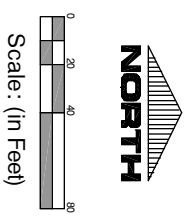
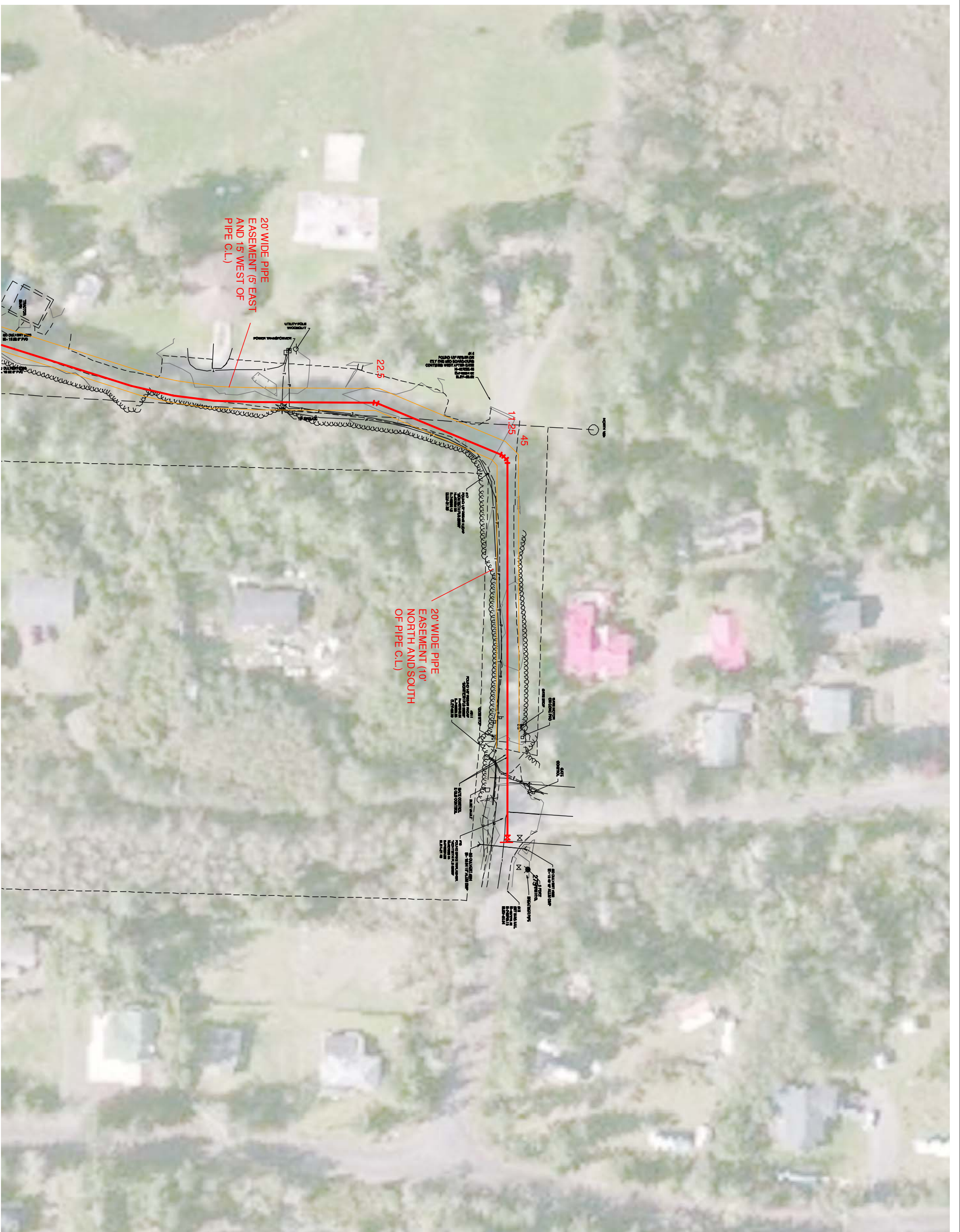
Mike Olden P.E., Gibbs and Olsen, our Project Engineer provided preliminary easements for the project including those needed on Sunset Sands real property to complete the project. I have forwarded them to Sunset Sands for their review and comment. Mike will produce final detailed maps after the review by Sunset Sands along with written easements. I will contact Brent Dille after we have an agreement with Sunset Sands to draft an easement agreement. Copies of the preliminary easements are attached to this report.

End of Report

North Beach Water District

Tel 360.665.4144 Fax 360.665.4641	2212 272 nd Street. Ocean Park, WA 98640	www.northbeachwater.com
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North Beach Water District	Figures & Exhibits
Birch Point Booster Station	Overall Site Plan
Ocean Park, Washington	---

Horizontal Scale: 1" = 20'
 Vertical Scale: ---
 Datum: NAD83/1: NAD 88
 Survey Book: ---
 Project Phase: ---
 Project Mission: ---
 Revision Date:
OCT 4, 2016

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Project Manager: MNO
 Designed by: MNO
 CAD by: KAR
 Checked by: MNO
 Approved by: ---

Project Number:
0565.0001

Drawing Number:
Figure 1

Sheet Number:
1 of 1



Scale: (in Feet)



North Beach Water District	Figures & Exhibits
Birch Point Booster Station	Overall Site Plan
Ocean Park, Washington	---

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 Project Measure: ---
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1 of **1**