



General Manager's Report

Report on Water System Operations for:

Metering Period:
 Billing Period:
 Activity Period:

August, 2016		
07/01/2016	- THRU -	08/03/2016
07/16/2016	- THRU -	08/16/2016
08/01/2016	- THRU -	08/31/2016

(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) ----->	9.2890	MG
Total Water Sold in Metering Period ----->	9.5003	MG
Total Filter Plant Backwash Water in Metering Period ----->	0.0624	MG
Total Water Main Flushing Water in Metering Period ----->	0.3466	MG
Total Other Authorized Water Use in Metering Period ----->	0.0000	MG
Total Authorized Consumption in Metering Period (TAC) ----->	9.9093	MG
Total Distribution System Leakage in Metering Period (DSL) ----->	-0.6203	MG
Percentage of DSL in Metering Period ----->	-6.7%	%
12 Month Running Total of TWP ----->	87.1233	MG
12 Month Running Total of TAC ----->	85.0258	MG
12 Month Running Total of DSL ----->	2.0975	MG
12 Month Average of Percentage of DSL ----->	2.4%	%

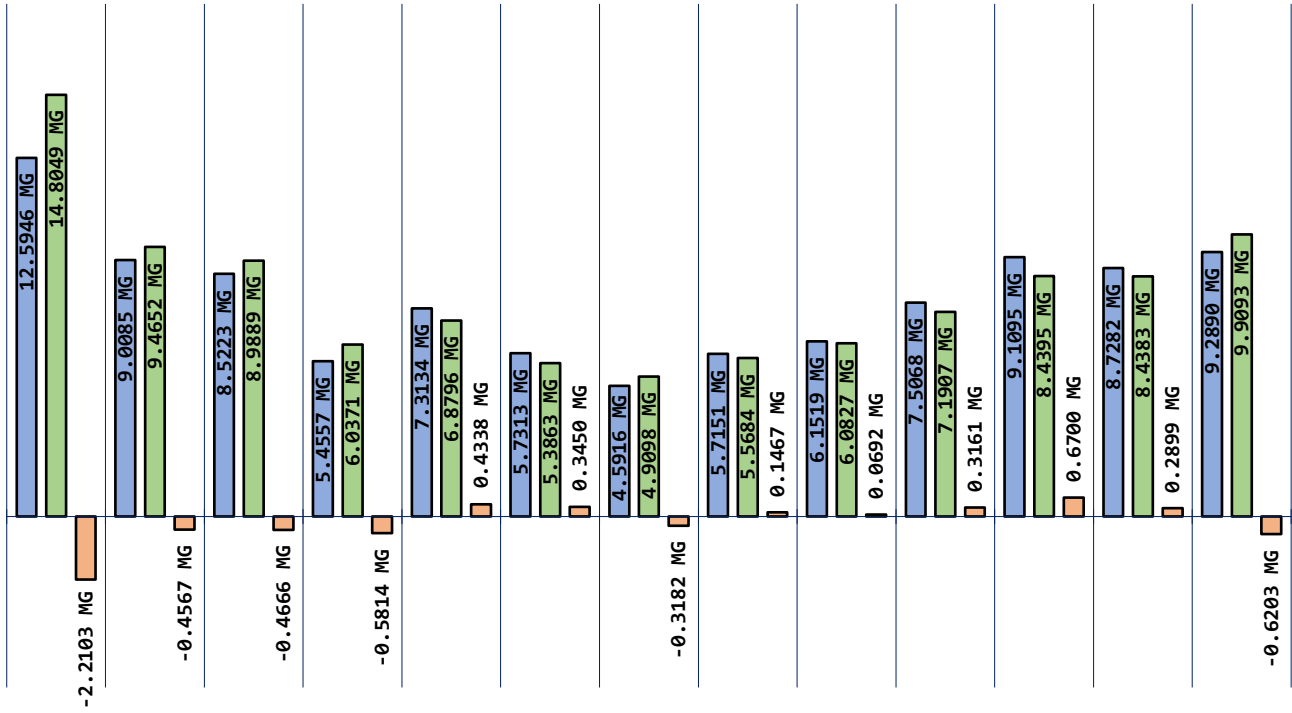
2,587	Residential Accounts	Paid Base Rates Totaling:	102,967.71
105	Commercial Accounts	Paid Base Rates Totaling:	7,702.40
947,993	cf. Residential Consumption	at \$0.0289 per c.f.	27,397.00
314,200	cf. Commercial Consumption	at \$0.0289 per c.f.	9,080.38
4	Fire-Flow Accounts	Paid Base Rates Totaling:	477.58
5,450	Surfside Contract + 0.00	Reimbursements =	5,450.00
Other Billings: ----->			2,350.00
Total Amount Billed in Billing Period ----->			155,425.07

Total Accounts Past Due in Billing Period ----->	289	
Total Accounts Past Due Longer than 60 days in Billing Period ----->	97	
Total Accounts Locked Off for being past due in Billing Period ----->	10	
Total Number of Properties with Liens ----->	27	
Total Number of Water Main Locates Completed in Activity Period ----->	38	
Total Number of Water Quality Complaints in Activity Period ----->	3	
Total Number of Customer Service Calls in Activity Period ----->	88	
Total Number of Customer Valves Installed in Activity Period ----->	3	
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)

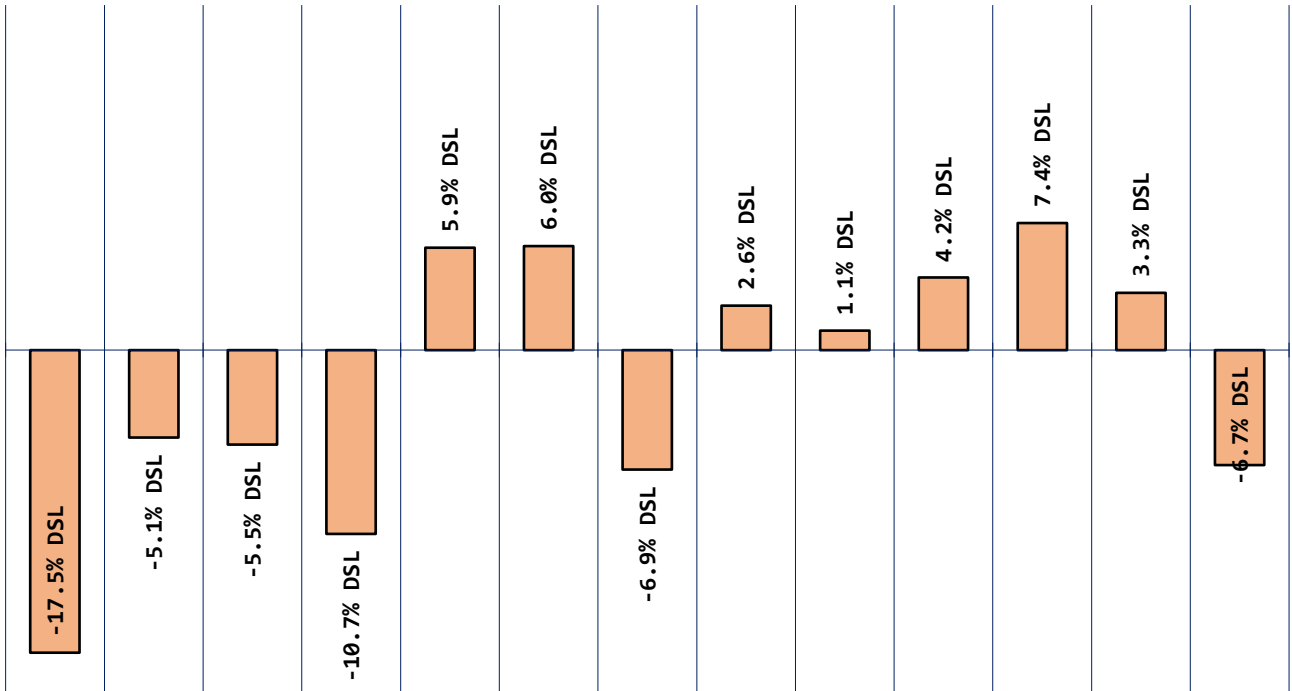
Jul-15 Aug-15 Sep-15 Oct-15 Nov-15 Dec-15 Jan-16 Feb-16 Mar-16 Apr-16 May-16 Jun-16 Jul-16



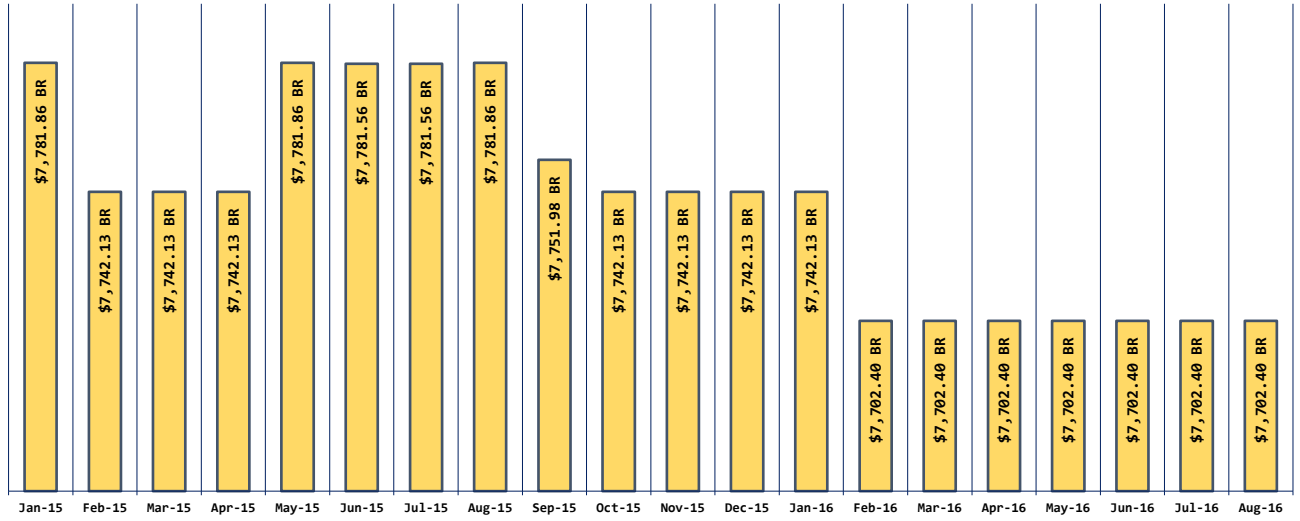
Water Use Efficiency Chart #1

■ % DSL Monthly

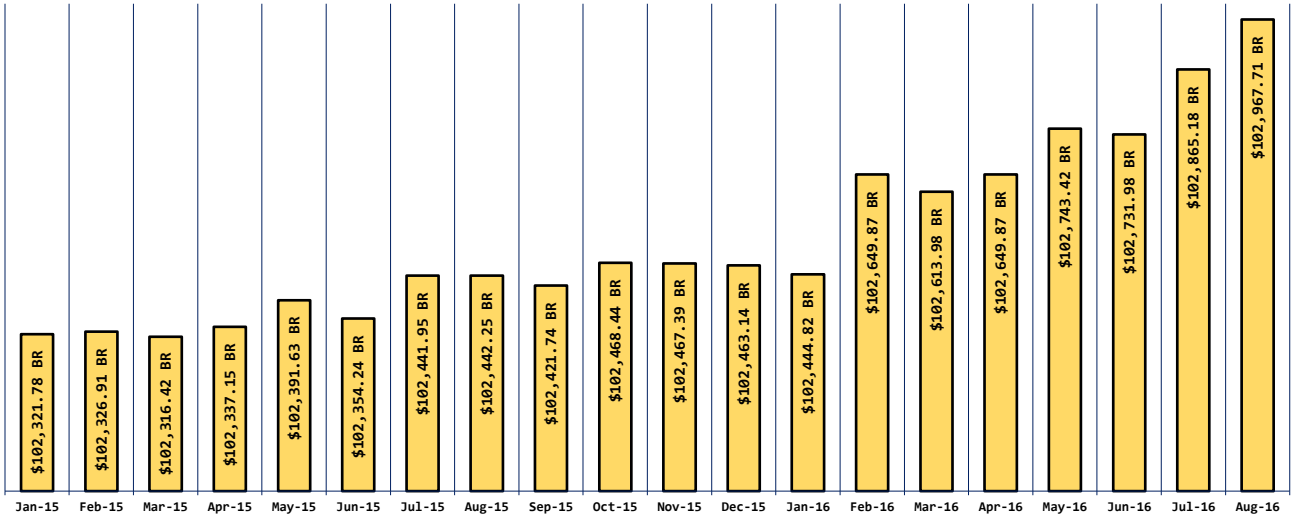
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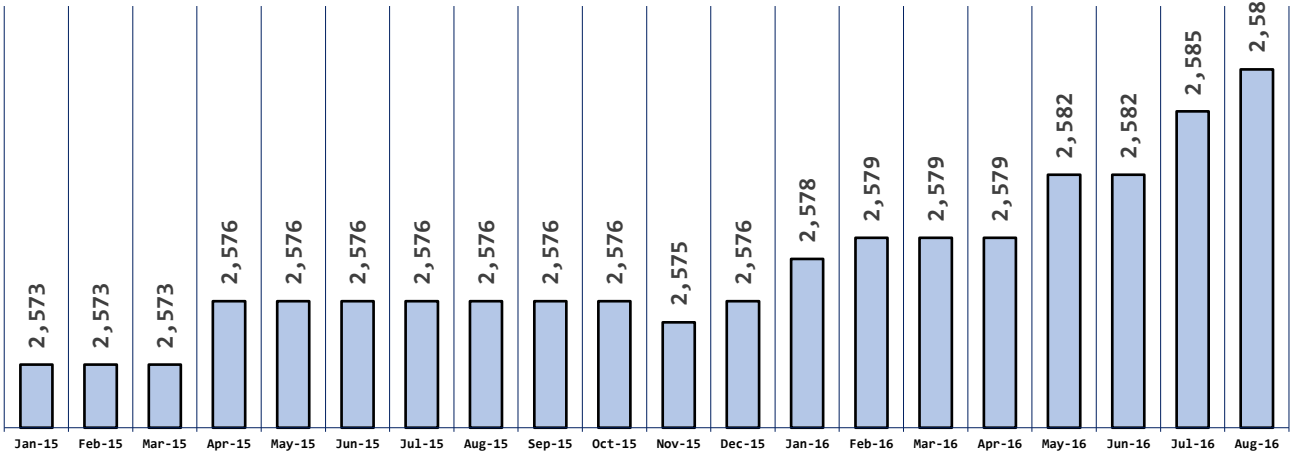
Commercial Base Rates Billed



Residential Base Rates Billed

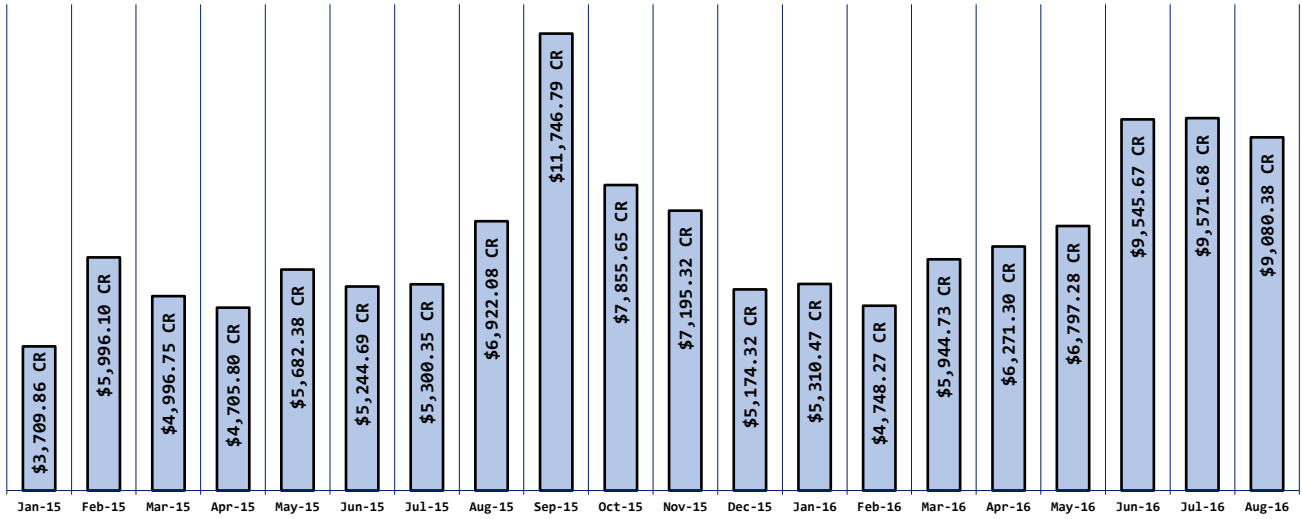


Number of Accounts By Month

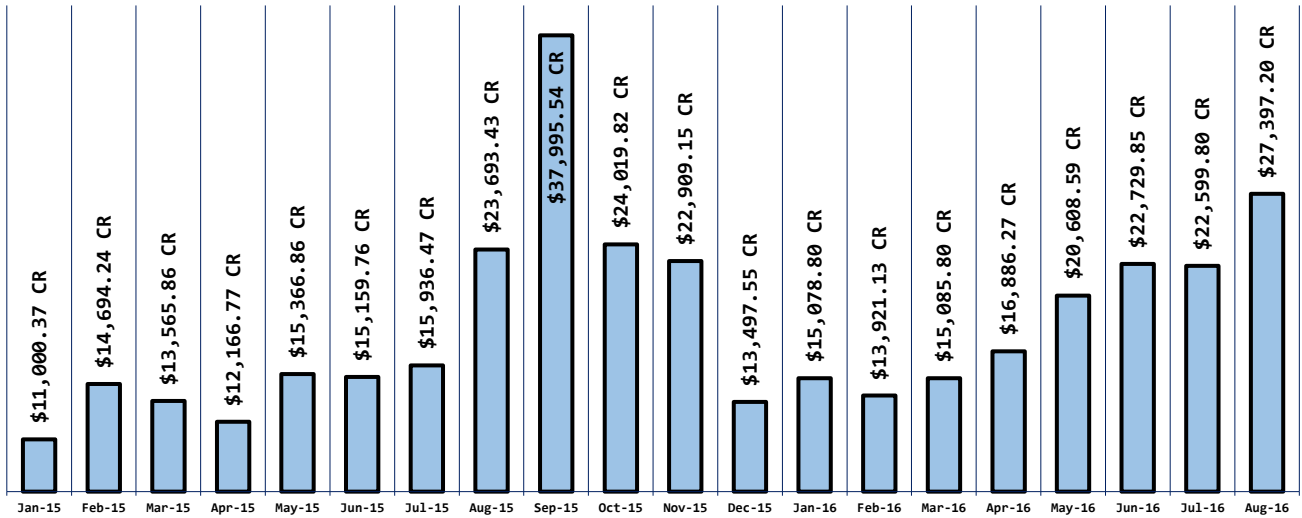


■ Residential Accounts

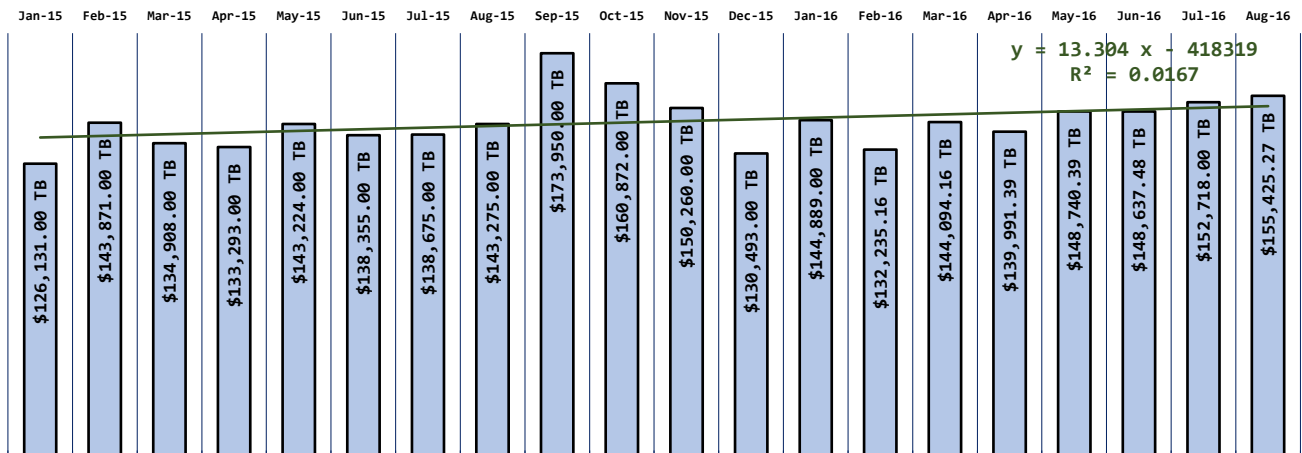
Commercial Consumption Rate Billed



Residential Consumption Rate Billed



Total Amount Billed By Month

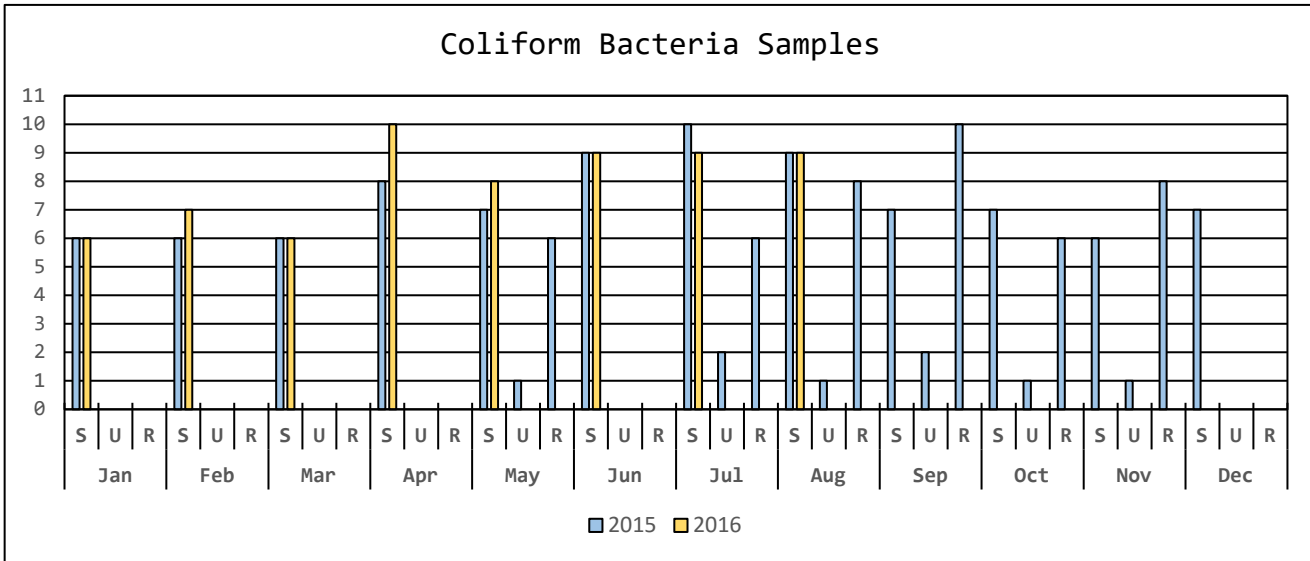


Total Amount Billed
 Linear (Total Amount Billed)

Water Quality Report

Coliform Bacteria Samples S Satisfactory U Unsatisfactory R Repeat Sample

Month	Jan			Feb			Mar			Apr			May			Jun			Jul			Aug			Sep			Oct			Nov			Dec								
Year	S	U	R	S	U	R	S	U	R	S	U	R	S	U	R	S	U	R	S	U	R	S	U	R	S	U	R	S	U	R	S	U	R	S	U	R	S	U	R			
2015	6	0	0	6	0	0	6	0	0	8	0	0	7	1	6	9	0	0	10	2	6	9	1	8	7	2	10	7	1	6	6	1	8	7	0	0						
2016	6	0	0	7	0	0	6	0	0	10	0	0	8	0	0	9	0	0	9	0	0	9	0	0																		



Arsenic Mg/L Milligrams per Liter MCL 0.01 mg/L RAA Running Annual Average

Month	Jan			Feb			Mar			Apr			May			Jun			Jul			Aug			Sep			Oct			Nov			Dec		
Year	Results	RAA	Exceed RAA	Results	RAA	Exceed RAA	Results	RAA	Exceed RAA	Results	RAA	Exceed RAA	Results	RAA	Exceed RAA	Results	RAA	Exceed RAA	Results	RAA	Exceed RAA	Results	RAA	Exceed RAA	Results	RAA	Exceed RAA	Results	RAA	Exceed RAA	Results	RAA	Exceed RAA			
2015	0.012	0.012	Yes	0.001	0.007	No	0	0.004	No	0.014	0.007	No	0.007	0.006	No	0.006	0.007	No	0.006	0.008	No	0.008	0.007	No	0.006	0.007	No	0.005	0.006	No	0	0.005	No	0	0.003	No
2016	0.009	0.004	No	0.008	0.004	No	0.007	0.006	No	0.007	0.008	No	0.008	0.008	No	0.007	0.007	No	0.007	0.007	No															

09.16.2016

General Manager Report September, 2016

To
Board of Commissioners

From
William Neal,
General Manager

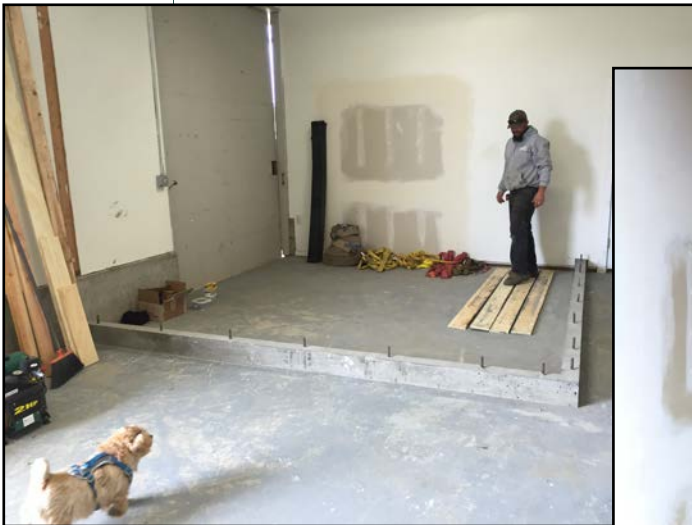
DWSRF Project Status:

The contractor has completed the mechanical work at the Wiegardt Wellfield. The sample stations are installed and the water main has been pressure tested and disinfected.

The Electrician will have all of the components in a couple of weeks. Currently, Wiegardt Wellfield should be online by the second week in October.

Good progress has been made at the South Wellfield. Most of the building modifications are complete. The exterior doors will be delivered in two weeks. While installing the concrete pads inside the building for the contact tank and valve sled the contractor discovered a problem. The floor for the existing slab is not 4-inches thick in the middle of the floor. The edges are all a minimum of 4-inches thick but the slab in the center of the floor is only 2 3/4 -inches thick. The engineer has determined the slab is not thick enough for the designed pipe supports. The most cost effective solution is to pour a four inch slab on top of the existing slab where the pipe supports will be installed. This will require a change order. The engineer and contractor are working on the cost difference. I expect the change will be in the 3,000 to 4,000 dollar range.

Project Images:



Ferric Room Foundation



Ferric Room Framed

North Beach Water District

Tel 360.665.4144
Fax 360.665.4641

25902 Vernon Ave.
Ocean Park, WA 98640

www.northbeachwater.com





Ferric Room Wall Cover



Discussion Over Shallow Slab



Other Projects:

The NWF Fence Project is awarded and contracts are signed. I am holding off on the "Notice to Proceed" until after the property has been surveyed. The surveyors are scheduled to be on-site September 19, 2016. The surveyors have pushed back the start date twice. I really hope they are here next Tuesday. After the surveyors complete their work we will need to remove the trees that will be in the fence line. DPR Construction will be felling the trees and removing the stumps from the site. Our crew will be removing the limbs and trees from the site. We only need to remove 6 or 8 trees. The trees we are removing do not make a load of marketable timber.

Jeff Early will be installing the metal door on the north wall of the NWF Treatment Plant. Jeff will also be removing the existing door and replacing the cement block foundation. His work includes installing siding on the north wall as well. None of the other contractors came close to his quote of \$3,300.00.

Coast Garage Door, Seaside Oregon, will be replacing the door on the west side of the NWF Treatment Plant. Coast was the low bid by a small margin. The door will be installed late September or October depending on delivery of the door.

Gray and Osborne are working on a road design for the Emond property easement project. I reviewed a preliminary design Thursday. We made some modification and I expect the final design before the end of the month. Once I have the final design I will forward it to Tom Frare, Emonds engineer, for his review and Emond approval. Once the design has been approved we will proceed with drafting the easements for execution.

New Office and Facilities Building Status:

Helligso has completed all of the punch list items and the roll-up doors have been modified to meet the specifications. David Jenson is working on contract close out items. I was hoping to have a project acceptance resolution for the Board to consider for the September regular meeting but that will not happen. I am confident we will have one for the October regular meeting.

Staffing issue:

Jon Flaming is being cross trained to handle the Billing Clerk duties. Jon has had about 8 hours training so far and is proving to be very well suited for the work.

We have received about 12 applications for the advertised position. Several of them are promising. We will be conducting interviews next week.

End of Report
