



# General Manager's Report

**Report on Water System Operations for:**

January, 2016		
Metering Period:	12/01/2015	- THRU - 01/05/2016
Billing Period:	12/16/2016	- THRU - 01/15/2016
Activity Period:	01/01/2016	- THRU - 01/31/2016

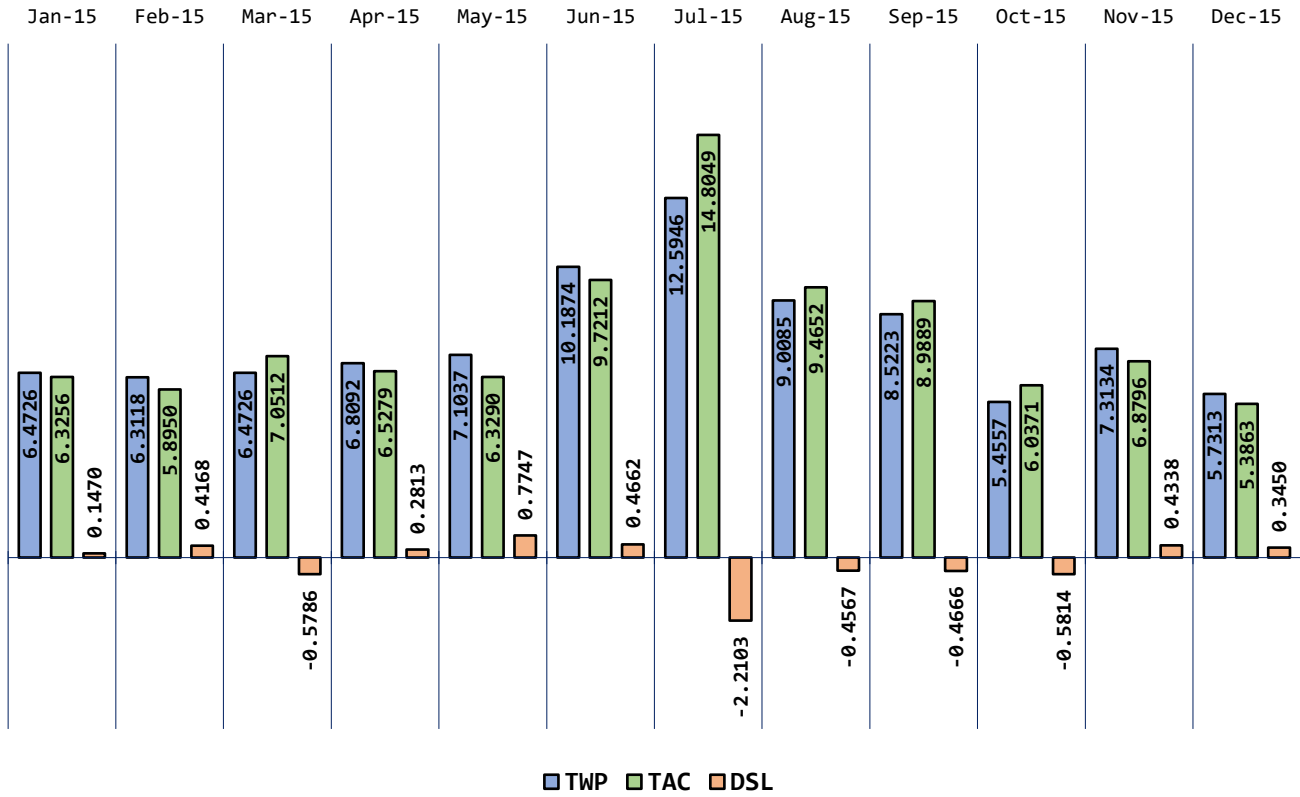
(MG= Million Gallons)      (Mg/L= milligrams per liter) (Ug/L= micrograms per liter)      (MCL= Maximum Contaminant Level)      (c.f.= Cubic Feet)

Total Water Pump From All Wells in Metering Period (TWP) ----->	<b>5.7313</b>	MG
Total Water Sold in Metering Period ----->	<b>5.3532</b>	MG
Total Filter Plant Backwash Water in Metering Period ----->	<b>0.3310</b>	MG
Total Water Main Flushing Water in Metering Period ----->	<b>0.0000</b>	MG
Total Other Authorized Water Use in Metering Period ----->	<b>0.0000</b>	MG
<b>Total Authorized Consumption</b> in Metering Period (TAC) ----->	<b>5.6842</b>	MG
Total <b>Distribution System Leakage</b> in Metering Period (DSL) ----->	<b>0.0471</b>	MG
Percentage of DSL in Metering Period ----->	<b>0.8%</b>	%
12 Month Running Total of TWP ----->	<b>91.9831</b>	MG
12 Month Running Total of TAC ----->	<b>93.4119</b>	MG
12 Month Running Total of DSL ----->	<b>-1.4288</b>	MG
12 Month Average of Percentage of DSL ----->	<b>-1.6%</b>	%

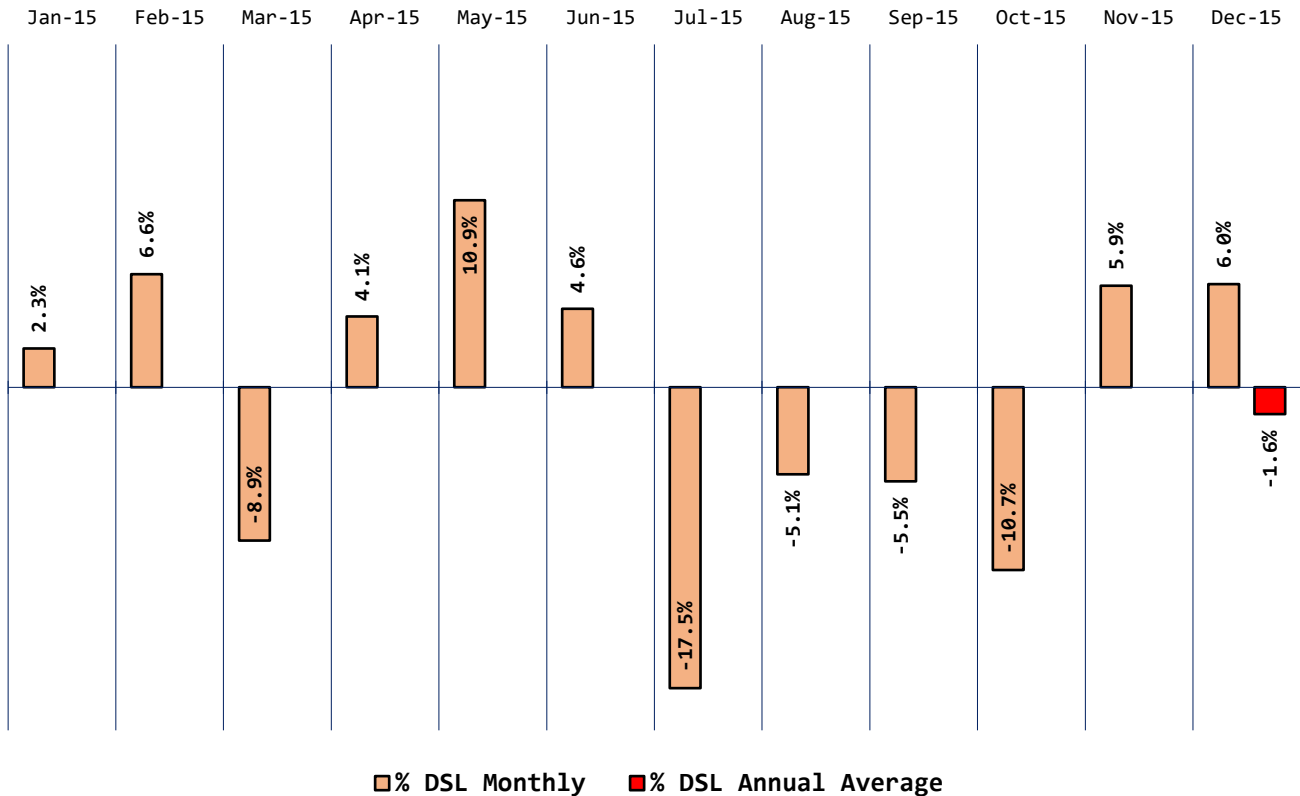
<b>2,578</b>	Residential Accounts	Paid Base Rates Totaling:	<b>102,547.35</b>
<b>105</b>	Commercial Accounts	Paid Base Rates Totaling:	<b>7,702.40</b>
<b>523,400</b>	cf. Residential Consumption	at \$0.0289 per c.f.	<b>15,126.26</b>
<b>193,400</b>	cf. Commercial Consumption	at \$0.0289 per c.f.	<b>5,589.26</b>
<b>4</b>	Fire-Flow Accounts	Paid Base Rates Totaling:	<b>477.58</b>
<b>5,450.00</b>	Surfside Contract + <span style="border: 1px solid black; padding: 2px;"><b>339.25</b></span>	Reimbursements =	<b>5,789.25</b>
Other Income: ----->			<b>1,172.89</b>
Total Amount Billed in Billing Period ----->			<b>138,404.99</b>

Total Accounts Past Due in Billing Period ----->	<b>286</b>	
Total Accounts Past Due Longer than 60 days in Billing Period ----->	<b>91</b>	
Total Accounts Locked Off for being past due in Billing Period ----->	<b>5</b>	
Total Number of Properties with Liens ----->	<b>27</b>	
Total Number of Water Main Locates Completed in Activity Period ----->	<b>15</b>	
Total Number of Water Quality Complaints in Activity Period ----->	<b>2</b>	
Total Number of Customer Service Calls in Activity Period ----->	<b>0</b>	
Total Number of Customer Valves Installed in Activity Period ----->	<b>1</b>	
Total Number of Service Meters Replaced in Activity Period ----->	<b>110</b>	

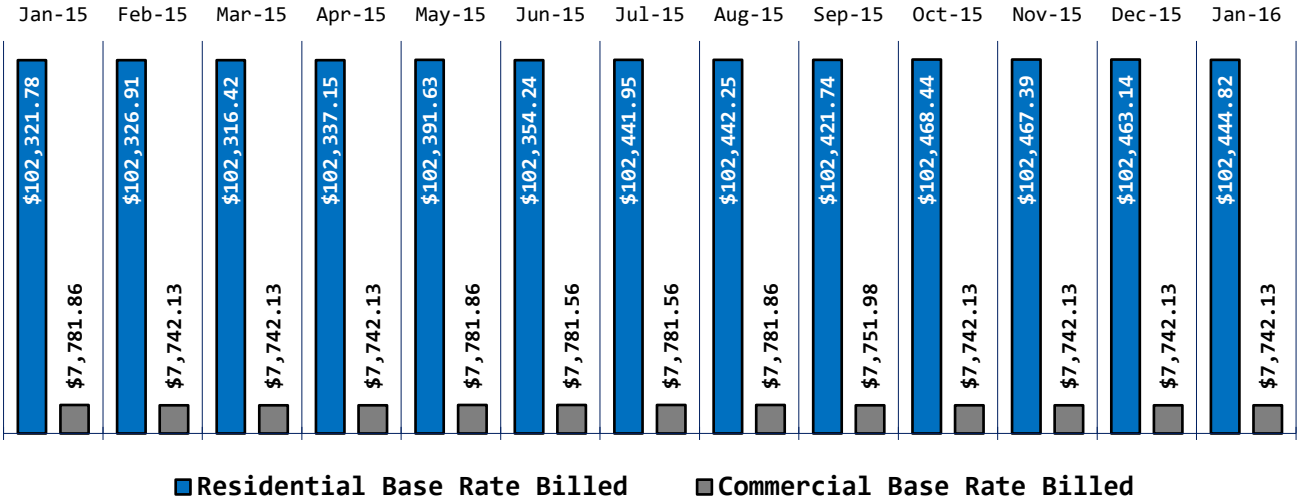
### Water Use Efficiency Chart #1



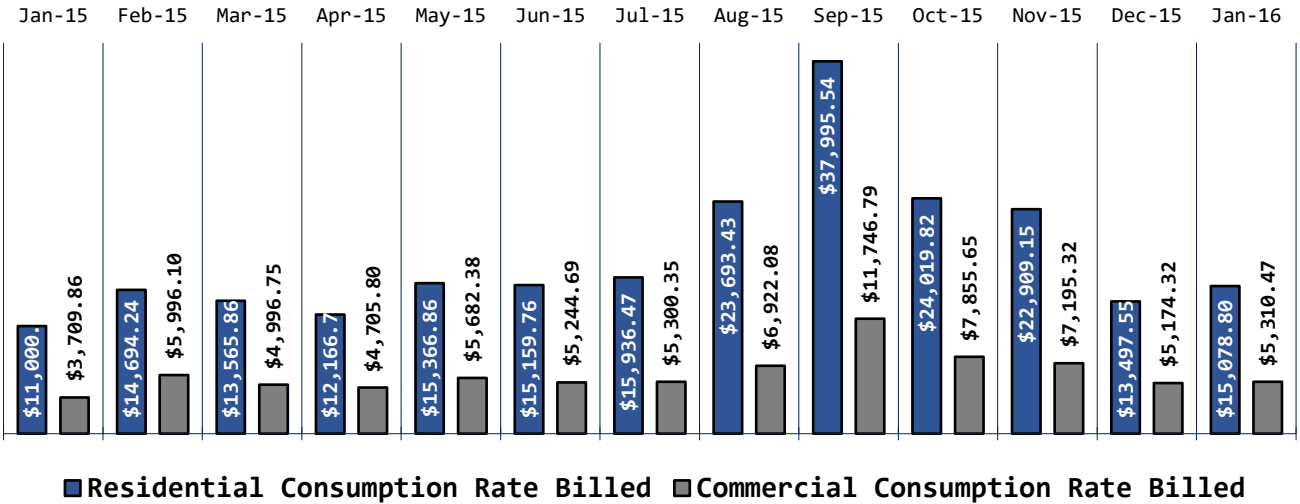
### Water Use Efficiency Chart #2



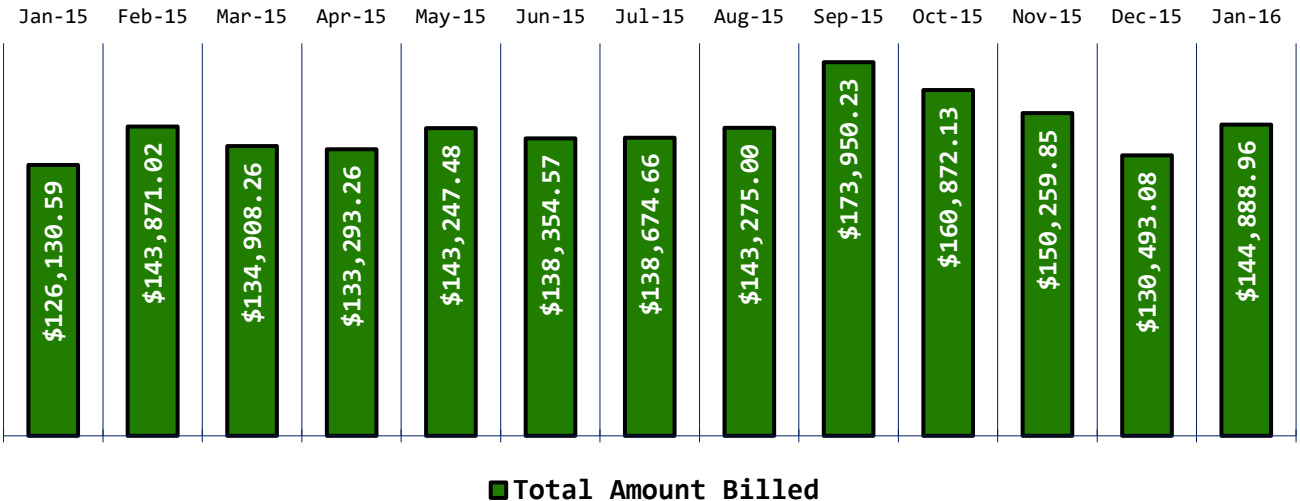
### Base Rates Billed



### Commodity Rates Billed



### Total Amount Billed By NBWD January 15 Billing Period



01.21.2016

## Memo

To  
Board of  
Commissioners

From  
General Manager,  
William Neal

CC  
Office Manager

Re  
Sole Source  
Purchase –  
Treatment Plant  
Entry Door

**Comments:**

On January 1, 2016 Purchase Order number 537502 was issued to Helligso Construction Company for \$2,297.77 for a 3' X 7' steel exterior door. The door will be installed in the North Wellfield Treatment Plant under a limited public works contract to be let in the February or March of 2016.

Helligso Construction Company was awarded a contract through a competitive bid process to build the District's new Business Office adjacent to the North Wellfield Treatment Plant.

The new Business Office plans call for a covered breezeway between the Business Office and the Treatment Plant and a new door to be installed on the treatment plant. The installation of the new door at the Treatment Plant was not part of the scope of work in the Helligso Contract.

The District wants the doors at both ends of the breezeway to match. The door was not a line item in the competitive bid for the new Business Office. The price for the door is within 10% of the Architect's Estimate for the new Business Office.

## NORTH BEACH WATER DISTRICT

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# North Beach Water District

Date:----- January 31, 2016

## Bond Project Fund Status Report

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Money Deposited in Fund----- 7/31/2013 ----- \$1,162,392.64

Funds Expended to date:

Cost of Bond Issuance -----	7/31/2013 -----	\$25,775.00
Wiegardt Property Purchase -----	11/18/2013 -----	\$116,874.39
Feasibility Study (Driftmier) -----	11/18/2013 -----	\$1,606.56
Feasibility Study (Driftmier) -----	12/16/2013 -----	\$4,775.45
Feasibility Study (Driftmier) -----	1/21/2014 -----	\$535.46
David E Jensen -----	10/20/2014 -----	\$1,950.00
David E Jensen -----	11/17/2014 -----	\$4,806.25
David E Jensen -----	12/22/2014 -----	\$3,197.50
David E Jensen -----	1/26/2015 -----	\$1,807.50
David E Jensen -----	2/23/2015 -----	\$9,640.50
Ford Electric -----	2/23/2015 -----	\$4,977.64
Roger Bogar -----	3/16/2015 -----	\$415.00
David Jensen -----	3/16/2015 -----	\$12,252.00
David Jensen -----	4/20/2015 -----	\$17,134.40
PUD #2 -----	4/20/2015 -----	\$1,275.00
David Jensen -----	5/18/2015 -----	\$17,966.00
Utti & Associates -----	5/18/2015 -----	\$930.00
Pacific County (Septic Permit) -----	5/18/2015 -----	\$890.00
David E Jensen (Building Permit) -----	5/18/2015 -----	\$7,127.16
David E Jensen -----	6/22/2015 -----	\$5,919.17
Ford Electric -----	6/22/2015 -----	\$4,184.71
Peninsula Sanitation -----	6/22/2015 -----	\$3,177.99
David Jensen -----	7/20/2015 -----	\$4,975.92
David Jensen -----	8/17/2015 -----	\$2,603.75
JG & A Inc. -----	8/17/2015 -----	\$1,926.51
David Jensen -----	9/21/2015 -----	\$1,975.00

# North Beach Water District

Helligso Construction -----	9/21/2015 -----	\$16,426.10
Helligso Construction -----	9/21/2015 -----	\$59,299.00
DPR -----	10/19/2015 -----	\$2,007.35
David Jensen -----	10/19/2015 -----	\$1,975.00
Helligso Construction -----	10/19/2015 -----	\$70,751.20
David Jensen -----	11/16/2015 -----	\$2,285.00
Helligso Construction -----	11/16/2015 -----	\$60,533.49
David Jensen -----	12/21/2015 -----	\$1,850.00
Helligso Construction -----	12/21/2015 -----	\$82,223.10
David Jensen -----	1/16/2016 -----	\$2,420.00
Helligso Construction -----	1/16/2016 -----	\$87,009.15
<b>Total -----</b>	<b>As of: 1/31/2016 -----</b>	<b>\$645,478.85</b>

Balance of Bond Project Fund----- As of: 1/31/2016 ----- \$516,913.79

# North Beach Water District

Date:----- January 31, 2016

## Office and Facilities Bldg. Project Status Report

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Original Funds Available for Project----- \$1,019,743.25

### Funds Expended to date:

Feasibility Study (Driftmier) -----	\$6,917.47
Demolish Garage -----	\$8,570.63
Power (revised service) -----	\$5,459.71
Septic System (design and review) -----	\$1,820.00
Building Permit -----	\$7,127.16
Architect -----	\$90,453.50
Architect Reimbursable -----	\$2,305.09
Building Construction -----	\$380,175.90
<b>Total -----</b>	<b>\$502,829.46</b>

Current Funds Available for Project----- \$516,913.79

### Projected Costs to Complete Project

General Contractor Remaining -----	\$377,176.96
Retainage -----	\$18,281.94
Architect Remaining -----	\$4,005.58 <sup>1</sup>
Architect Reimbursables Remaining -----	\$320.00
Conference Video System -----	\$18,525.29
Change Orders -----	\$68,988.56
Misc. Change Orders -----	\$10,000.00
<b>Total -----</b>	<b>\$497,298.33</b>

Projected Surplus at end of Project----- \$19,615.45  
(3.8% of available funds)

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<sup>1</sup>Based on an estimated \$753,419.00 to complete the project and \$115,000 value to design the Bid Alternates.

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**Operations Report:**

**North Wellfield Well:**

**Booster Station and Reservoirs**

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No failures or major repairs to report.

**North Wellfield Treatment Plant**

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No failures or major repairs to report.

**South Wellfield:**

**Booster Station and Reservoir**

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No failures or major repairs to report.

**North Wellfield Treatment Plant**

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No failures or major repairs to report.

**Gibbs & Olson 2016 Capital Improvement Project Status Report**

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Mike Olden, P.E. has completed the evaluation of the field data collected on the second hydraulic analysis in the Sunset Sands area. The loop at the South Wellfield resulted in significant improvement in pressure loss in the distribution system in Sunset Sands during high use events. The improvement should help considerably with complaints of low pressure in Sunset Sands but it was not enough to meet the District's fire flow goal for the Southern portion of Sunset Sands. Mike has provided some options for the District to consider to achieve fire flow goals in his report. Please review Mike's report and we can discuss the options at the meeting.

**DWSRF Loan Project**

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There have been two meetings with Gray and Osborne to review the bids and work on a plan to reduce the scope prior to calling for new bids. Gray and Osborne has managed to find ways to reduce the scope of work and make concessions with the manufacture of the filtration equipment that should trim enough off of the scope of work to obtain bids within available funds. We hope to have the bid opening the third week in March, 2016.

**AMR Meter Installation Project Report:**

The crew installed 110 AMR meters in January, 2016. There are a total of 2,780 AMR meters installed as of January 31, 2016. There are 15 meters left to install. The remainder of the meters are the two and three inch meters serving our commercial customers. Due to the length of time it takes to replace the larger meters we have been scheduling the replacement with the customer for



off hour times.

**Office and Equipment Building Report:**

The front door is installed.

Drywall is nearly complete as is the siding. Paint is scheduled for mid-March, weather permitting.

The roll-up doors will be installed in two weeks. The issue regarding the concrete flat work has been resolved at no extra cost to the District. The original design will be used on both the north and south roll-up door openings.



Helligso will be requesting additional time for substantial completion based on weather and delays resulting from the owner. Helligso is claiming that changes in the roll-up door from aluminum to steel and delays on approval of submittals has caused delays in delivery of materials. Although we have not seen the claim from Helligso, we expect it will take the completion date into the first weeks of April.

**Water Quality Reports:**

I have attached copies of the water samples the District submitted for analysis in January, 2016. They were:

Routine S-04	----	01/11/2016	-----	Coliform Bacteria	-----	Satisfactory
Routine S-21	----	01/11/2016	-----	Coliform Bacteria	-----	Satisfactory
Routine S-18	----	01/11/2016	-----	Coliform Bacteria	-----	Satisfactory
Routine S-01	----	01/19/2016	-----	Coliform Bacteria	-----	Satisfactory
Routine S-03	----	01/19/2016	-----	Coliform Bacteria	-----	Satisfactory
Routine S-12	----	01/19/2016	-----	Coliform Bacteria	-----	Satisfactory
Routine S-02	---	11/23/2015	-----	Coliform Bacteria	-----	Satisfactory
Routine S-16	----	11/23/2015	-----	Coliform Bacteria	-----	Satisfactory
Monthly	-----	01/28/2016	-----	Arsenic	-----	0.0090 mg/L
LRAA	-----	MCL 0.0100 mg/L	-----	Arsenic	-----	0.0073 mg/L

End of Report

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*“Still Waters run deep. Shallow Waters Run Dry, Frequently -  
Thomas County Cat*

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## Homeowners Association Water System Manager's Report

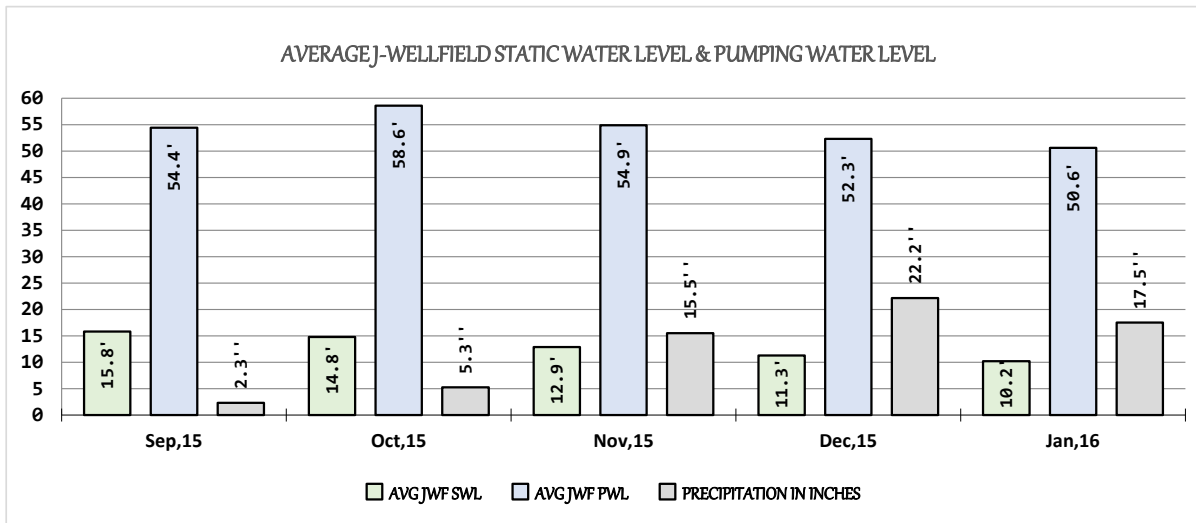
Water System Operations For ----(month/year)----->	<b>February, 2016</b>						
Meter Reading Period ----->	12/31/2015	THRU	2/1/2016				
Total Water Pumped From All Wells (TWP)----->	4.7910		mg				
Total Metered Water Delivered to Members----->	1.8941		mg				
Estimated Un-metered Water Delivered to Members----->	0.4922		mg				
Total Water Used Backwashing Filters----->	0.2436		mg				
Total Water Used Flushing Water Mains----->	1.6367		mg				
Total Other Authorized Water----->	0.0550		mg				
Total Authorized Consumption (TAC)----->	4.3216		mg				
Total Distribution System Leakage (DSL)----->	0.4694		mg				
Percentage of DSL----->	9.8%		%				
12 Month Running Total of TWP----->	94.3380		mg				
12 Month Running Total of TAC----->	81.3680		mg				
12 Month Running Total of DSL----->	12.9700		mg				
12 Month Average Percentage of TWP that is DSL----->	16.3%		%				
1,536	-----> Metered Residential Members Used a Total Of:		1.7968				
5	-----> Metered Commercial Members Used a Total Of:		0.0973				
420	-----> Unmetered Residential Members Used an Estimated:		0.4922				
<b>ATEC™ Iron Removal Filter:</b> <span style="float: right; color: red; font-size: small;">(If the number is red, the level is above the SMCL set by the EPA)</span>							
<b>Raw:</b>	Iron: <span style="border: 1px solid black; padding: 2px;">0.31</span> Mg/L	Manganese: <span style="border: 1px solid black; padding: 2px;">0.081</span> Mg/L	Color: <span style="border: 1px solid black; padding: 2px;">28</span> Hu	Tannin: <span style="border: 1px solid black; padding: 2px;">0.80</span> Mg/L			
	pH: <span style="border: 1px solid black; padding: 2px;">8.08</span> pH	Silica: <span style="border: 1px solid black; padding: 2px;">11.3</span> Mg/L	(Average of weekly test results. Testing by Water Department Staff)				
<b>Finished:</b>	Iron: <span style="border: 1px solid black; padding: 2px;">0.10</span> Mg/L	Manganese: <span style="border: 1px solid black; padding: 2px;">0.005</span> Mg/L	Color: <span style="border: 1px solid black; padding: 2px;">21</span> Hu	Tannin: <span style="border: 1px solid black; padding: 2px;">0.20</span> Mg/L			
	pH: <span style="border: 1px solid black; padding: 2px;">7.86</span> pH	Silica: <span style="border: 1px solid black; padding: 2px;">18.9</span> Mg/L	(Average of weekly test results. Testing by Water Department Staff)				
<b>Average Distribution Water:</b> <span style="float: right; font-size: small;">(Average of weekly test results. Testing by Water Department Staff)</span>							
Total Chlorine:	<span style="border: 1px solid black; padding: 2px;">0.02</span> Mg/L	Free Chlorine:	<span style="border: 1px solid black; padding: 2px;">0.02</span> Mg/L	Temperature:	<span style="border: 1px solid black; padding: 2px;">49.1</span> F°	pH:	<span style="border: 1px solid black; padding: 2px;">8.21</span> pH
Iron:	<span style="border: 1px solid black; padding: 2px;">0.07</span> Mg/L	Manganese:	<span style="border: 1px solid black; padding: 2px;">0.000</span> Mg/L	Color:	<span style="border: 1px solid black; padding: 2px;">30</span> Hu	Tannin:	<span style="border: 1px solid black; padding: 2px;">0</span> Mg/L

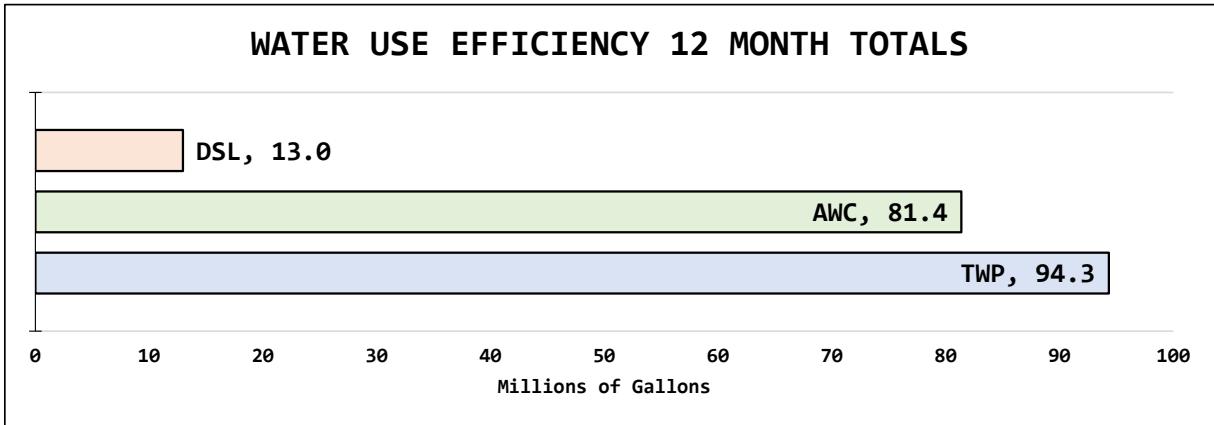
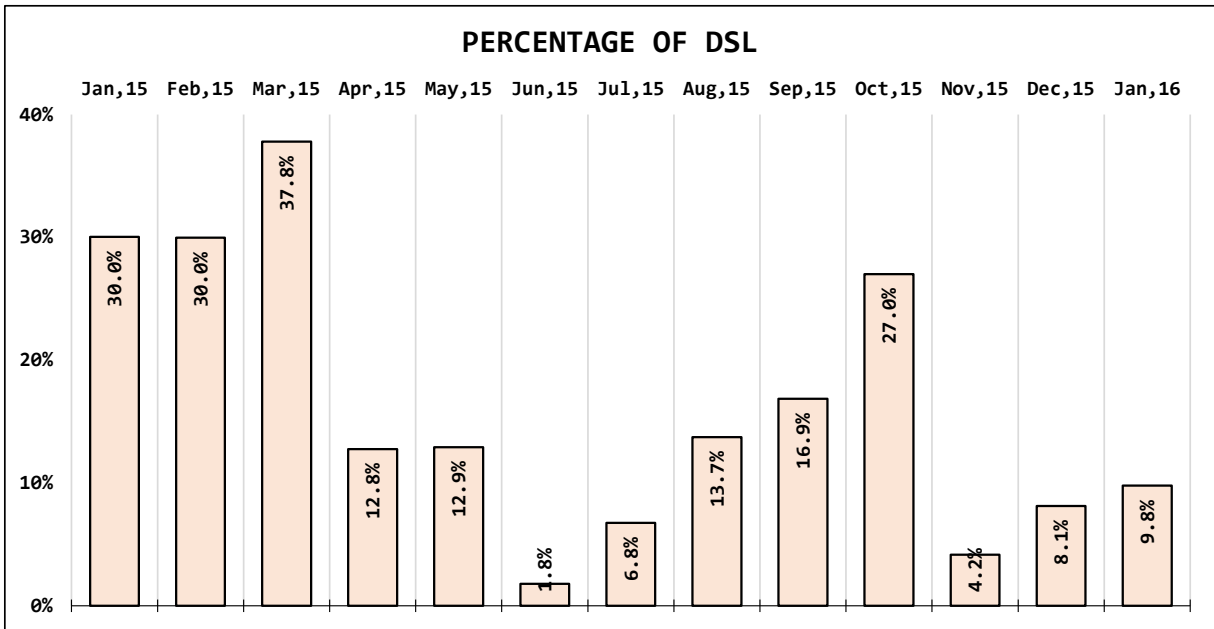
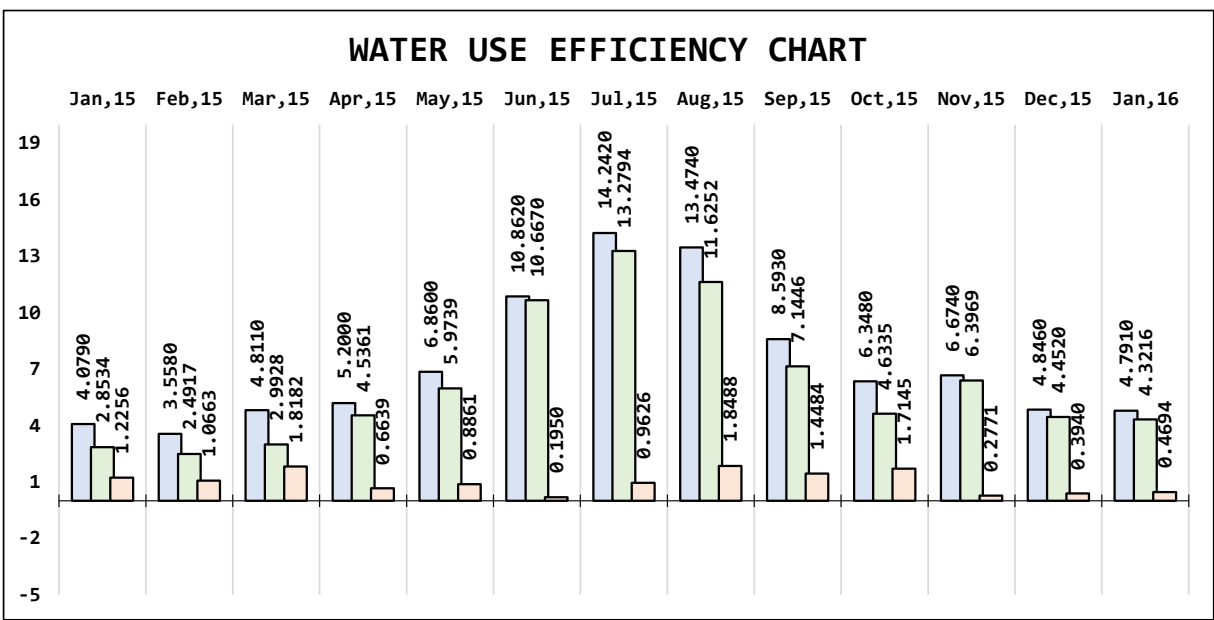
Water Quality Data

<b>Disinfection By-Product Tracking:</b> <span style="float: right; color: red;">(If the number is red, the level is above the MCL set by the EPA)</span>				Department of Health Compliance Water Samples
Site #1	TTHM (Trihalomethanes)	Site #2	TTHM (Trihalomethanes)	
Sample Date:	<input type="text" value="3/26/2015"/> Results: <input type="text" value="119.6"/> U <sub>g</sub> /L	Sample Date:	<input type="text" value="3/26/2015"/> Results: <input type="text" value="117.3"/> U <sub>g</sub> /L	
Sample Date:	<input type="text" value="6/30/2015"/> Results: <input type="text" value="84.4"/> U <sub>g</sub> /L	Sample Date:	<input type="text" value="6/30/2015"/> Results: <input type="text" value="103.5"/> U <sub>g</sub> /L	
Sample Date:	<input type="text" value="9/22/2015"/> Results: <input type="text" value="68.5"/> U <sub>g</sub> /L	Sample Date:	<input type="text" value="9/22/2015"/> Results: <input type="text" value="54.4"/> U <sub>g</sub> /L	
Sample Date:	<input type="text" value="12/12/2015"/> Results: <input type="text" value="62.7"/> U <sub>g</sub> /L	Sample Date:	<input type="text" value="12/12/2015"/> Results: <input type="text" value="56.6"/> U <sub>g</sub> /L	
Running Annual Average (LRAA): <input type="text" value="83.8"/> U <sub>g</sub> /L		Running Annual Average (LRAA): <input type="text" value="83.0"/> U <sub>g</sub> /L		
Site #1	HAA5 (Halo acetic Acids - 5)	Site #2	HAA5 (Halo acetic Acids - 5)	
Sample Date:	<input type="text" value="3/26/2015"/> Results: <input type="text" value="5.1"/> U <sub>g</sub> /L	Sample Date:	<input type="text" value="3/26/2015"/> Results: <input type="text" value="45.1"/> U <sub>g</sub> /L	
Sample Date:	<input type="text" value="6/30/2015"/> Results: <input type="text" value="1.0"/> U <sub>g</sub> /L	Sample Date:	<input type="text" value="6/30/2015"/> Results: <input type="text" value="14.3"/> U <sub>g</sub> /L	
Sample Date:	<input type="text" value="9/22/2015"/> Results: <input type="text" value="4.1"/> U <sub>g</sub> /L	Sample Date:	<input type="text" value="9/22/2015"/> Results: <input type="text" value="6.1"/> U <sub>g</sub> /L	
Sample Date:	<input type="text" value="12/12/2015"/> Results: <input type="text" value="3.2"/> U <sub>g</sub> /L	Sample Date:	<input type="text" value="12/12/2015"/> Results: <input type="text" value="27.5"/> U <sub>g</sub> /L	
Running Annual Average (LRAA): <input type="text" value="3.4"/> U <sub>g</sub> /L		Running Annual Average (LRAA): <input type="text" value="23.3"/> U <sub>g</sub> /L		
Routine Coliform Bacteria: <input type="text" value="2"/> includes <input type="text" value="2"/> Satisfactory		and <input type="text" value="0"/> Unsatisfactory Repeat <input type="text" value="0"/>		
Ground Water Rule <input type="text" value="0"/> E-coli Positive <input type="text" value="0"/>		Investigative <input type="text" value="0"/> Construction <input type="text" value="0"/>		
<b>Other Compliance Samples</b>				
_____ Results <input type="text"/>		Maximum Contaminate Level (MCL) <input type="text"/>		
_____ Results <input type="text"/>		Maximum Contaminate Level (MCL) <input type="text"/>		
_____ Results <input type="text"/>		Maximum Contaminate Level (MCL) <input type="text"/>		
_____ Results <input type="text"/>		Maximum Contaminate Level (MCL) <input type="text"/>		
_____ Results <input type="text"/>		Maximum Contaminate Level (MCL) <input type="text"/>		
<b>J- Wellfield Data:</b> <span style="float: right;">SWL = Static Water Level      PWL = Pumping Water Level      BGS = Below Ground Surface</span>				
J-1	Average SWL: <input type="text" value="9.0"/> BGS	Average PWL: <input type="text" value="7.2"/> BGS		
J-2	Average SWL: <input type="text" value="18.9"/> BGS	Average PWL: <input type="text" value="9.5"/> BGS		
J-3	Average SWL: <input type="text" value="19.8"/> BGS	Average PWL: <input type="text" value="9.0"/> BGS		
J-4	Average SWL: <input type="text" value="50.6"/> BGS	Average PWL: <input type="text" value="10.2"/> BGS		
J-5	Average SWL: <input type="text" value="47.1"/> BGS	Average PWL: <input type="text" value="9.7"/> BGS		
J-6	Average SWL: <input type="text" value="44.1"/> BGS	Average PWL: <input type="text" value="7.8"/> BGS		
J-7	Average SWL: <input type="text" value="43.0"/> BGS	Average PWL: <input type="text" value="7.9"/> BGS		
Average Pumping Rate: <input type="text" value="250"/> Gallons Per Minute (GPM)				
Average Pumping Hours Per Day:				
J-1	<input type="text" value="n/a"/> Observation Well Only	J-6	<input type="text" value="n/a"/> Production Well	
J-2	<input type="text" value="n/a"/> Emergency Backup Well	J-7	<input type="text" value="n/a"/> Production Well	
J-3	<input type="text" value="n/a"/> Emergency Backup Well			
J-4	<input type="text" value="n/a"/> Production Well			
J-5	<input type="text" value="n/a"/> Production Well			

<b>Operations Data:</b> O&M Service Calls : <input style="width: 30px;" type="text" value="8"/> Water Main Locates: <input style="width: 30px;" type="text" value="6"/> New Services: <input style="width: 30px;" type="text" value="0"/> Decommissioned Services: <input style="width: 30px;" type="text" value="0"/> Water Main Breaks: <input style="width: 30px;" type="text" value="0"/> Water Main Leaks: <input style="width: 30px;" type="text" value="0"/> Water Main Leaks Repaired: <input style="width: 30px;" type="text" value="0"/>	O & M
<b>Members Water Leaks Data:</b> Leak Letters Sent: <input style="width: 30px;" type="text" value="7"/> Leaks Investigated: <input style="width: 30px;" type="text" value="34"/> Leaks Resolved : <input style="width: 30px;" type="text" value="48"/> Leaks Unresolved : <input style="width: 30px;" type="text" value="54"/>	
<b>Cross Connection Control Activity:</b> Questionnaires Out: <input style="width: 30px;" type="text" value="0"/> Returned: <input style="width: 30px;" type="text" value="8"/> Letters: <input style="width: 30px;" type="text" value="8"/> CCC Service Calls: <input style="width: 30px;" type="text" value="8"/> CCC Investigations: <input style="width: 30px;" type="text" value="12"/> Backflow Assemblies Installed: <input style="width: 30px;" type="text" value="1"/> Tested: <input style="width: 30px;" type="text" value="0"/>	
<b>Water Main Replacement Project:</b> Linial Feet of Water Main Replaced: <input style="width: 30px;" type="text" value="0"/> 8" <input style="width: 30px;" type="text" value="0"/> 6" <input style="width: 30px;" type="text" value="0"/> 4" Number of Valves Installed: <input style="width: 30px;" type="text" value="0"/> 8" <input style="width: 30px;" type="text" value="0"/> 6" <input style="width: 30px;" type="text" value="0"/> 4" Fire Hydrants Replaced: <input style="width: 30px;" type="text" value="0"/> ea. Right-of-Way Restored: <input style="width: 30px;" type="text" value="785"/> lf.	WMR
<b>Discription of WMR Work Accomplished:</b> <hr style="width: 30%; margin-left: 0;"/> Service hook ups on L Place loop, replaced tires on mini trailer at Tire Hut, a few dump runs to L.B., cuts across L place for services that we had to reroute, tailgate meetings, located piping at well field for Gray and Osbourne, locates out in the field, leak detection for water leaks at services, dug trench at Booster area for new wire to be installed for new warehouse.	
<b>Meter Installation Project:</b> Meters Installed this Month: <input style="width: 30px;" type="text" value="2"/> ea. Total Meters Installed to Date: <input style="width: 30px;" type="text" value="1,468"/> ea. Total Meter Remaining to Install: <input style="width: 30px;" type="text" value="313"/> ea.	MIP
<b>Discription of MIP Work Accomplished:</b> <hr style="width: 30%; margin-left: 0;"/>	

**Charts:**





**High Water Users Report:**

No.	Address	Cu Ft	Gal.	G/P/D	Leak Status
1	29523 G STREET	931	6,964	218	Continuous Leak <sup>35</sup> Days
2	2006 320TH PLACE	956	7,151	223	Continuous Leak <sup>35</sup> Days
3	30005 G STREET	980	7,330	229	No Leak <sup>15-21</sup> Days
4	32909 J PLACE	985	7,368	230	No Leak <sup>1-2</sup> Days
5	1301 321ST PLACE	993	7,428	232	No Leak <sup>22-34</sup> Days
6	32100 G STREET	1,014	7,585	237	Intermittent Leak <sup>8-14</sup> Days
7	33208 H PLACE	1,031	7,712	241	Intermittent Leak <sup>35</sup> Days
8	30700 N PLACE	1,035	7,742	242	No Leak <sup>22-34</sup> Days
9	29621 K STREET	1,069	7,996	250	Continuous Leak <sup>35</sup> Days
10	33101 J PLACE	1,131	8,460	264	Continuous Leak <sup>35</sup> Days
11	1915 322ND PLACE	1,148	8,587	268	Intermittent Leak <sup>22-34</sup> Days
12	34709 J PLACE	1,166	8,722	273	No Leak <sup>22-34</sup> Days
13	30714 N PLACE	1,184	8,856	277	No Leak <sup>22-34</sup> Days
14	1607 324TH PLACE	1,203	8,998	281	No Leak <sup>3-7</sup> Days
15	33802 I STREET	1,247	9,328	291	No Leak <sup>8-14</sup> Days
16	34907 G STREET	1,390	10,397	325	#N/A
17	35503 J PLACE	1,465	10,958	342	No Leak <sup>3-7</sup> Days
18	33611 J PLACE	1,556	11,639	364	Continuous Leak <sup>35</sup> Days
19	30809 K PLACE	1,590	11,893	372	Continuous Leak <sup>35</sup> Days
20	1107 302ND PLACE	1,658	12,402	388	Continuous Leak <sup>35</sup> Days
21	34913 H PLACE	1,749	13,083	409	Continuous Leak <sup>35</sup> Days
22	29518 H STREET	1,996	14,930	467	Continuous Leak <sup>35</sup> Days
23	32217 R PLACE	2,908	21,752	680	Continuous Leak <sup>35</sup> Days
24	32210 K PLACE	3,630	27,152	849	Continuous Leak <sup>35</sup> Days
25	30808 K PLACE	6,167	46,129	1,442	No Leak <sup>22-34</sup> Days

**Comments:**

ALL OF DECEMBER'S CONTINUOUS LEAKS WHICH WERE NOT PREVIOUSLY INSPECTED, WERE INSPECTED DURING JANUARY. OF THE 34 INSPECTIONS, 1 WAS A LEAK IN THE WATER DEPT'S SERVICE BOX, 5 WERE IDENTIFIABLE PROPERTY LEAKS

## Leak Report:

Address - Continuous	Days	Cu.Ft.	Gallons	G/P/D	Address - Intermittent	Days	Cu.Ft.	Gallons	G/P/D
30007 G STREET	35	127	950	30	33208 H PLACE	35	1,031	7,712	241
807 303RD PLACE	35	471	3,523	110	33510 J PLACE	35	358	2,678	84
33210 I STREET	35	558	4,174	130	1813 324TH PLACE	35	112	838	26
33101 J PLACE	35	1,131	8,460	264	2204 304TH PLACE	35	383	2,865	90
GOLF SHOP 1009 315TH	35	1,523	11,392	356	35410 G STREET	35	497	3,718	116
33609 G STREET	35	335	2,506	78	35109 J PLACE	35	293	2,192	68
33600 I STREET	35	362	2,708	85	30103 H STREET	35	321	2,401	75
33611 J PLACE	35	1,556	11,639	364	810 OYSTERVILLE RD	35	642	4,802	150
30711 O PLACE	35	712	5,326	166	30801 I STREET	35	280	2,094	65
30516 O PLACE	35	657	4,914	154	32805 J PLACE	22-34	779	5,827	182
1100 322ND STREET	35	706	5,281	165	30011 G STREET	22-34	493	3,688	115
32210 K PLACE	35	3,630	27,152	849	33401 J PLACE	22-34	138	1,032	32
1304 322ND PLACE	35	759	5,677	177	1804 321ST PLACE	22-34	71	531	17
1308 322ND PLACE	35	206	1,541	48	1915 322ND PLACE	22-34	1,148	8,587	268
1400 322ND PLACE	35	688	5,146	161	32213 R PLACE	22-34	592	4,428	138
2006 320TH PLACE	35	956	7,151	223	34501 F PLACE	22-34	71	531	17
32217 R PLACE	35	2,908	21,752	680	31902 J PLACE	22-34	649	4,855	152
2005 324TH PLACE	35	273	2,042	64	30201 J PLACE	22-34	45	337	11
35205 F PLACE	35	279	2,087	65	1005 315th	22-34	7,118	53,243	1,664
34913 H PLACE	35	1,749	13,083	409	30812 L PLACE	22-34	360	2,693	84
812 347TH PLACE	35	319	2,386	75	1009 300TH PLACE	15-21	202	1,511	47
35405 J PLACE	35	570	4,264	133	29753 G STREET	15-21	460	3,441	108
30709 H STREET	35	468	3,501	109	31608 G STREET	15-21	534	3,994	125
29518 H STREET	35	1,996	14,930	467	1108 303RD STREET	8-14	883	6,605	206
29621 K STREET	35	1,069	7,996	250	32100 G STREET	8-14	1,014	7,585	237
29805 K STREET	35	532	3,979	124	35604 I PLACE	3-7	382	2,857	89
1107 302ND PLACE	35	1,658	12,402	388	30507 J PLACE	3-7	749	5,603	175
1407 303RD PLACE	35	128	957	30	30507 L PLACE	3-7	127	950	30
29523 G STREET	35	931	6,964	218	1806 320TH PLACE	1-2	13	97	3
30011 I STREET	35	487	3,643	114					
30517 K PLACE	35	808	6,044	189					
30809 K PLACE	35	1,590	11,893	372					
30708 N PLACE	35	814	6,089	190					
32311 H PLACE	35	293	2,192	68					
815 324TH PLACE	35	478	3,575	112					
30111 G STREET	22-34	354	2,648	83					
30702 G PLACE	22-34	350	2,618	82					
33408 J PLACE	22-34	319	2,386	75					
1411 324TH PLACE	22-34	41	307	10					
35601 G STREET	22-34	195	1,459	46					
29605 K STREET	22-34	81	606	19					
1209 303RD STREET	22-34	342	2,558	80					
33015 J PLACE	15-21	341	2,551	80					
1110 324TH PLACE	8-14	574	4,294	134					
29903 K STREET	8-14	200	1,496	47					
31400 I STREET	8-14	168	1,257	39					
33401 G STREET	3-7	129	965	30					
35108 H PLACE	3-7	251	1,877	59					
32208 G STREET	3-7	161	1,204	38					

**Water Main Replacement (WMR):**

In January the crew did quite a bit of road restoration and reconnection of service hook-ups. Due to very high water table, no new water main was installed in January, 2016.

**Meter Installation Project (MIP):**

No meters installation work was accomplished in January, 2016

Metering Project to Date by Division:

Division: .....01 - 100%	Division: ..... Sea Dunes - 100%
Division: .....02 - 100%	Division: ..... Sunny Slopes - 100%
Division: .....04 - 100%	Division: ..... Surf View - 100%
Division: .....06 - 100%	Division: .....03 - 100%
Division: .....10 - 100%	Division: .....07 - 100%
Division: .....11 - 100%	Division: ..... Ocean Villa - 100%
Division: .....12 - 100%	Division: .....13 - 50%
Division: .....14 - 100%	Division: .....08 - 0%
Division: .....15 - 100%	Division: .....16 - 0%
Division: ..... Ocean Crest - 100%	Division: ..... Ocean Woods - 20%

**Water Main Breaks:**

There were no water main breaks in January, 2016.

**Water Main Leaks:**

No Water Main Leaks have been detected or repaired in 2016:

**Water Quality Tests:**

**Coliform Samples:**

Surfside collected 2 coliform bacteria samples in January, 2016. Both samples analyzed negative for coliform bacteria.

Surfside collected 1 investigative coliform bacteria Samples in January, 2016. The sample analyzed negative for coliform bacteria.

Surfside Collected two sets of disinfection by-product samples in December, 2015. The results of those samples were received on January 20, 2016...The samples all came back well below the Maximum Contaminant Level (MCL) as set by the Environmental Protection Agency (EPA) through the Safe Drinking Water Act (SDWA). Although the samples disinfection by-product samples for the last two quarters (6 months) have been below the MCL, the Locational Running Annual



Average (LRAA) is still slightly above the MCL. Therefore a notice will be mailed to all members with a water service. The Notice is scheduled to be mailed on February 15, 2015.

**Water System Plan:**

The Office of Drinking Water approved Surfside Homeowners Association's revised Water System Plan. The approval letter, dated February 2, 2016 is attached to this report.

**Activated Carbon Treatment Plant Project:**

Gray and Osborne began work on the Activated Carbon Treatment Plant Project in January, 2016. Russ Pryor P.E., Project Manager for Gray and Osborne meet with the Water System Manager, the Treatment Plant Operator, and the Field Superintendent on January 7, 2016 to discuss the scope of the project and to lay out the facilities footprint. Gray and Osborne surveyors completed field work on the site the week of January 18, 2016. The next phase will be to review 50% plans in four to six weeks.

**Looking Ahead to Current Month:**

February is going to be a challenge. Gil is continuing to recover from rotator cuff surgery and Aaron has missed several days and will be having oral surgery on February 12 or possibly the 15<sup>th</sup>. Larry Hampton and April Reynolds are managing routine system operation and we will continue with WMR, at a reduced rate, with the smaller crew until all are back and healthy.

--END OF REPORT --

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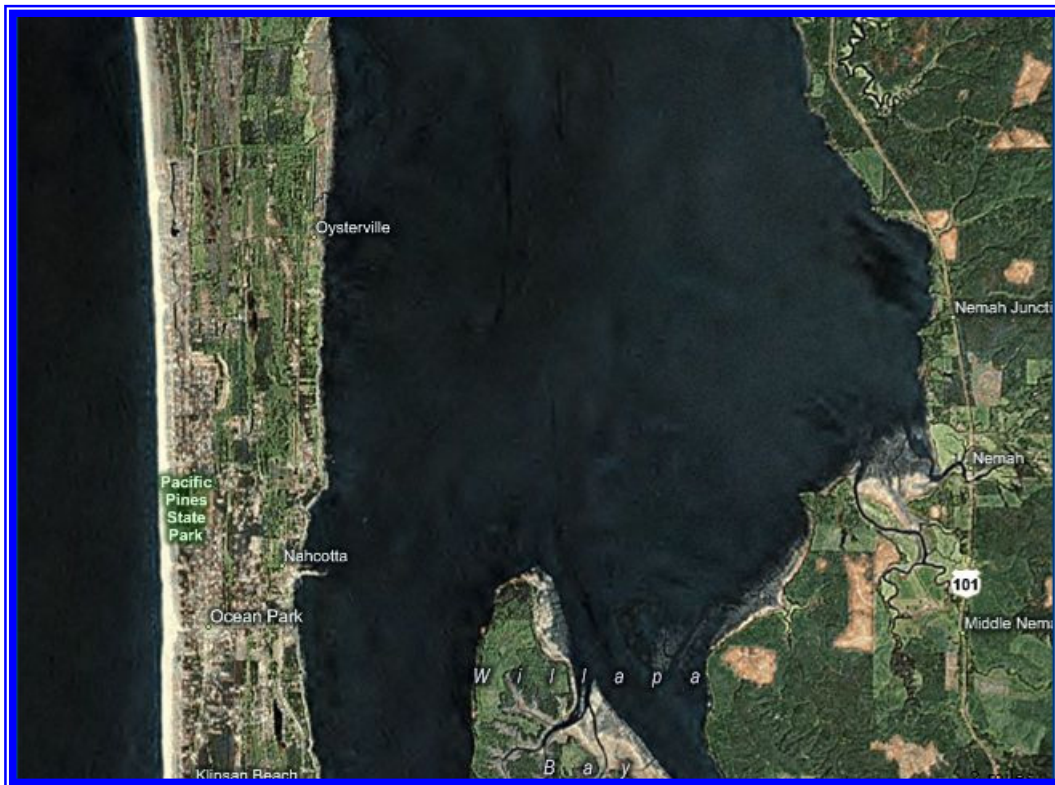
# SURFSIDE HOMEOWNERS ASSOCIATION



**PACIFIC COUNTY, WASHINGTON**

## WATER SYSTEM PLAN

April, 2015



Washington State Department of Health Water System Identification Number 86470Y  
**G&O Project No. 14223**



**Gray & Osborne, Inc.**



STATE OF WASHINGTON  
DEPARTMENT OF HEALTH  
SOUTHWEST DRINKING WATER REGIONAL OPERATIONS  
PO Box 47823, Olympia, Washington 98504-7823  
TDD Relay 1-800-833-6388

February 2, 2016

Bill M. Neal, III  
Post Office Box 618  
Ocean Park, Washington 98640

Subject: Surfside Homeowners Association, ID #86470, Pacific County; Water System Plan, ODW  
Project #15-0601

Dear Mr. Neal:

The Water System Plan (WSP) received by the Office of Drinking Water (ODW) on June 4, 2015, along with a subsequent submittal received on October 27, 2015, have been reviewed and are **APPROVED**.

Approval of this WSP is valid as it relates to current standards outlined in WAC 246-290 revised March 30, 2012, WAC 246-293 revised September 1997, and RCW 70.116 (Municipal Water Law) effective September 2003, and is subject to the qualifications herein. Future changes in the rules and statutes may be more stringent and require facility modification or corrective action.

An approved update of this WSP is required on or before February 2, 2022, unless ODW requests an update or plan amendment pursuant to WAC 246-290-100(9).

#### **APPROVED NUMBER OF CONNECTIONS**

Based on the information supplied in this WSP, this system has sufficient capacity to meet the growth projections for the identified six-year planning period. ODW will reflect this condition by noting on the water facilities inventory (WFI) form and operating permit an "**unspecified**" designation for this system's approved number of connections. The analysis presented in this document demonstrates that this water system has the capacity to adequately serve a total of 1,607 equivalent residential units (ERUs), assuming 582 gallons per day per ERU maximum day demand. The limiting factor described in the approved WSP is booster pump capacity for meeting Peak Hour Demand capacity.

You are responsible for permitting the addition of new service connections to your water system in a manner consistent with the approved WSP. We expect you to maintain a process, which recognizes all new connections added to the water system, and the water demands associated with each connection. Your process must assure that physical capacity and water right limitations are not exceeded.

#### **LOCAL GOVERNMENT CONSISTENCY**

Tim Cross, Planning Director, Pacific County signed the local consistency statement on June 4, 2015. This meets local government consistency requirements for WSP approval pursuant to RCW 90.03.386 and RCW 43.20.



## SERVICE AREA AND DUTY TO SERVE

Pursuant to RCW 90.03.386(2), the service area identified in this WSP service area map may now represent an expanded "place of use" for this system's water rights. Changes in service area should be made through a WSP amendment.

Surfside Homeowners Association has a duty to provide new water service within its retail service area. This WSP includes service policies to describe how your system plans to provide new service within your retail service area.

## CONSTRUCTION WAIVERS

Standard Construction Specifications for distribution main extensions in this WSP are approved. Consistent with WAC 246-290-125(2), this system may proceed with the installation of distribution main extensions provided this system completes and keeps on file a construction completion report form in accordance with WAC 246-290-125(2) and WAC 246-290-120(5) and makes it available for review upon request by ODW.

## WATER RESOURCES

*Our approval of your water system plan does not confer or guarantee any right to a specific quantity of water. The approved number of service connections is based on your representation of available water quantity. If the Washington Department of Ecology (Ecology), a local planning agency, or other authority responsible for determining water rights and water system adequacy determines that you have use of less water than you represented, the number of approved connections may be reduced commensurate with the actual amount of water and your legal right to use it.*

## WATERSHED PLANNING

The Service Area for Surfside Homeowners is located in Water Resource Inventory Area (WRIA) 24 (Willapa). Please contact Ecology for more information regarding watershed planning.

We recognize the significant effort and resource commitment involved in the preparation of this WSP. Thank you for your cooperation.

If you have any questions, please contact Mark Mazeski at (360) 236-3038 or Teresa Walker (360) 236-3032.

Sincerely,



Mark J. Mazeski  
Office of Drinking Water, Regional Planner



Teresa Walker, P.E.  
Office of Drinking Water, Regional Engineer

cc: Karl Johnson, Gray & Osborne, Inc.  
Eric C. Noah, Gray & Osborne, Inc.  
Pacific County Health Department  
Pacific County Planning Department  
Tammy Hall, Department of Ecology

03.24.2015

# Memo

To  
Board of Trustees

From  
William Neal,  
Water System Manager

CC  
Laura Frazier,

This memo is to report a water main break that occurred just after midnight Saturday February 6, 2016. The Water Main was 8" Asbestos Cement Pipe. The main break occurred on J Place about 160' north of 306<sup>th</sup> Place. The water main is on the west side of J Place. The water was mostly contained in the Right-of-Way on the west side of J Place down to 306<sup>th</sup> where it then ran along 306<sup>th</sup> west to I Street and entered the Pacific County storm drain.

Some of the water from the main break entered 30605 J Place and 1007 306<sup>th</sup> Place. Although I did not perform an extensive assessment of damage to private property from the incident I did take some pictures of the obvious water damage to the grounds. It was dark and I was not able to access the west side of the building.

I did have a conversation with the 30605 J Place homeowner, who did not provide his name, who was concerned about damage to his property. He was concerned at the length of time it was taking to turn the water off. I explained that if the water is shut down to fast we run the risk of creating a main break as some other point. As I was explaining the shutdown procedure the water rate reduced significantly.

Gil is still off due to shoulder surgery and Aaron showed up for the repair but was obviously ill during the repair. I encouraged him to go home but he stuck it out. Larry, Chris, and April also responded to the main break.

By about 1:00 AM the members without water was isolated to J Place between 306<sup>th</sup> Place and 311<sup>th</sup> Street. Water was restored to all members by about 4:00 AM Sunday morning.



## SURFSIDE HOMEOWNERS ASSOCIATION

Tel 360.665.4144 Fax 360.665.4641	31402 H Street. Ocean Park, WA 98640	www.surfsideonline.org water@surfsideonline.org
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