

# General Manager's Report - June 17, 2013

## North Well Field

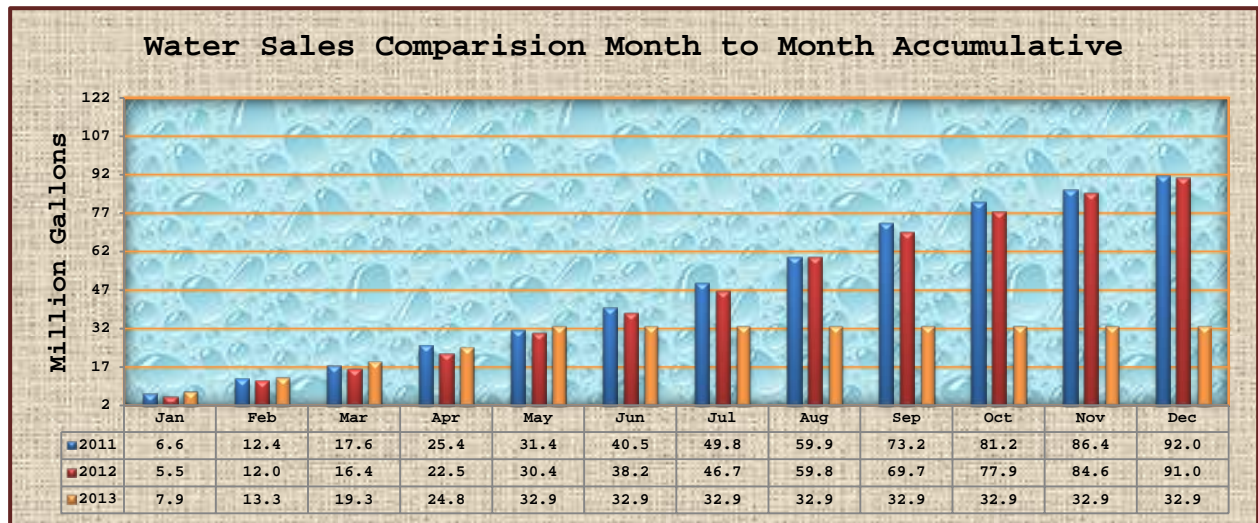
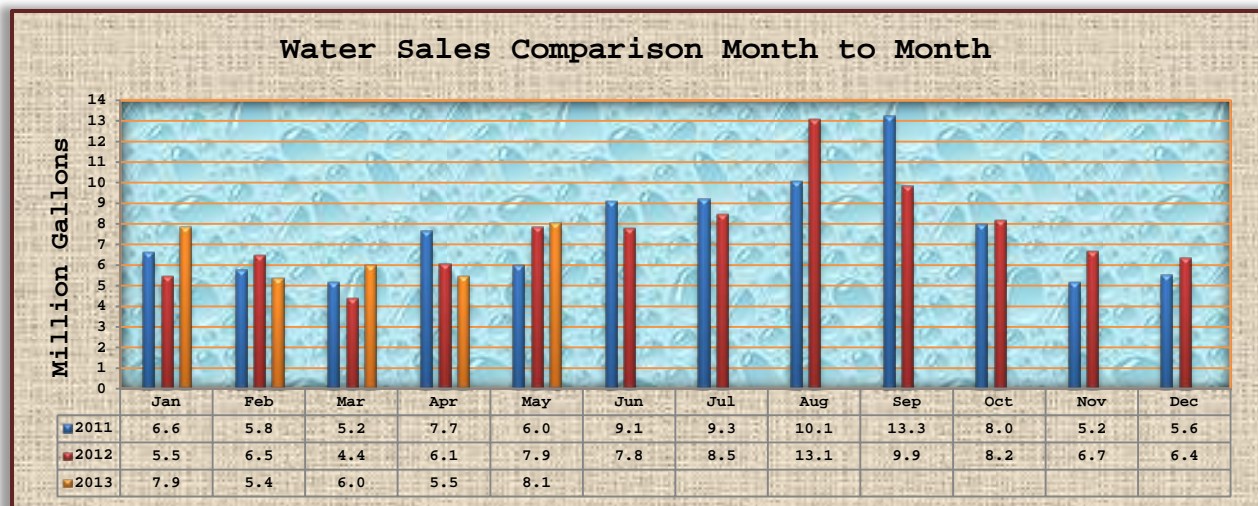
No failures or projects to report.



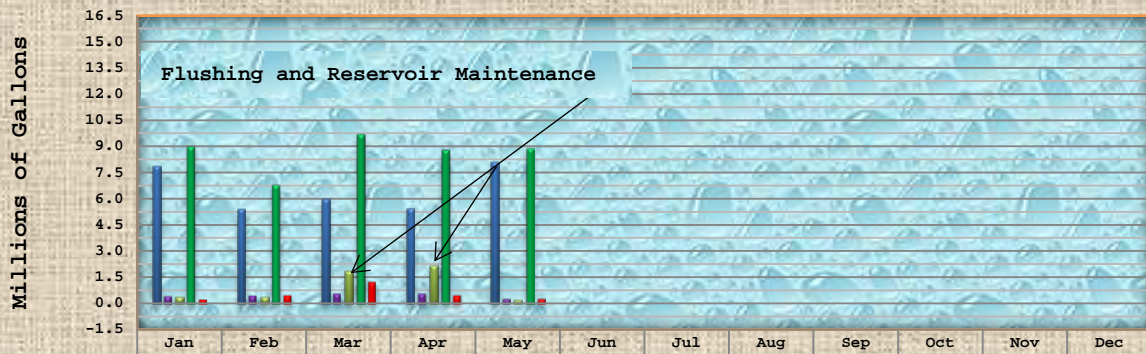
## South Well Field

No failures or projects to report.

## Water Use



### 2012 Monthly Water Reconciliation



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Sold	7.9	5.4	6.0	5.5	8.1							
Backwash	0.5	0.5	0.6	0.6	0.3							
Authorized Use	0.4	0.4	1.9	2.2	0.2							
Produced	9.0	6.8	9.7	8.8	8.9							
Lost Water MG	0.3	0.5	1.2	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0

### Percent of Water Lost 2013



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%	3%	7%	12%	6%	3%	0%	0%	0%	0%	0%	0%	0%

### Distribution System:

#### Water Quality:

North Beach Water District collected and submitted five (5) compliance coliform bacteria water samples in May, 2013. All water samples tested negative for coliform bacteria presence. The District received 0 water quality calls in May, 2013.

### Old Business:

#### BIAS Software Implementation

The implementation is on time and progressing steadily. Jack has completed entering data from January, February, March, April, and May financials into the software. The vouchers for Pacific County are now being generated by the BIAS Software.

The implementation is on track to generate our first billing in June, 2013.

**Water Main Improvements**

The sample stations arrived in April. The crew has primed and painted the stations and will start installing them in June.

**Wiegardt Property Purchase:**

Nothing new to report.

**DWSRF Loans:**

The cultural review has not been complete June 11, 2013 although the Karen Klocke has assured me it will be soon. The delay on completing the cultural review will set our drilling date back at least two weeks. I anticipate we will need to request another extension from the Wiegardt Group. It is my hope that Drilling will have commenced before the July 31, 2013.

**Safety Meeting Minutes:**

North Beach Water District staff had their monthly Safety meeting on the first Monday of the month.

**Surfside Water System:**

Please see attached report.

**End of Report**

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# SURFSIDE HOMEOWNERS ASSOCIATION

## WATER SYSTEM REPORT

### JUNE 2013

#### Report on Water System Activities for June 2013

##### Water Production June 2013:

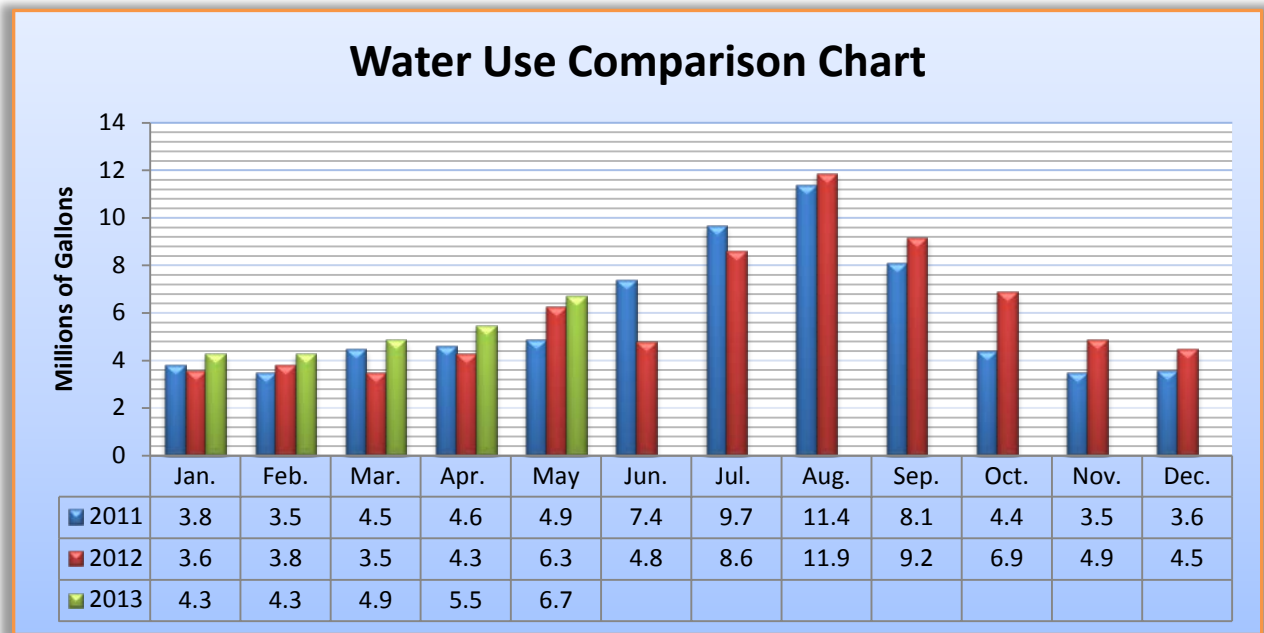
Pumped 7.1 million gallons from wells

Treated 6.7 million gallons

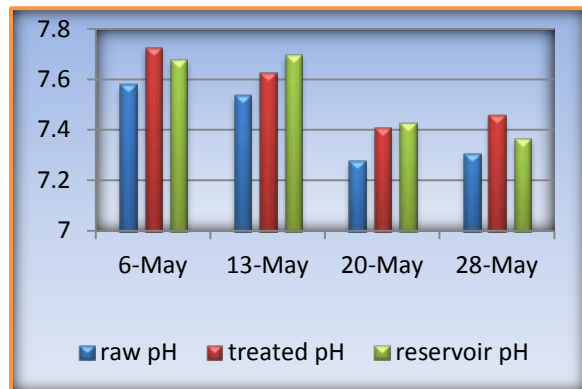
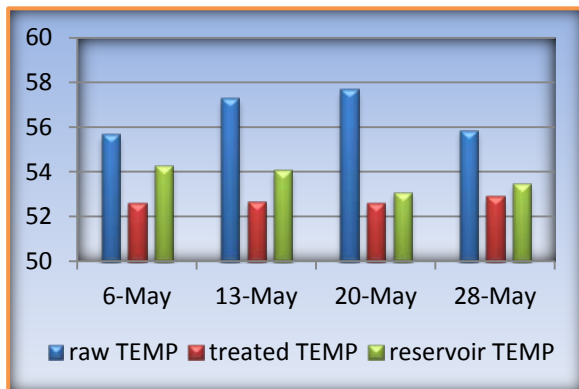
Used .50 million gallons backwashing filter

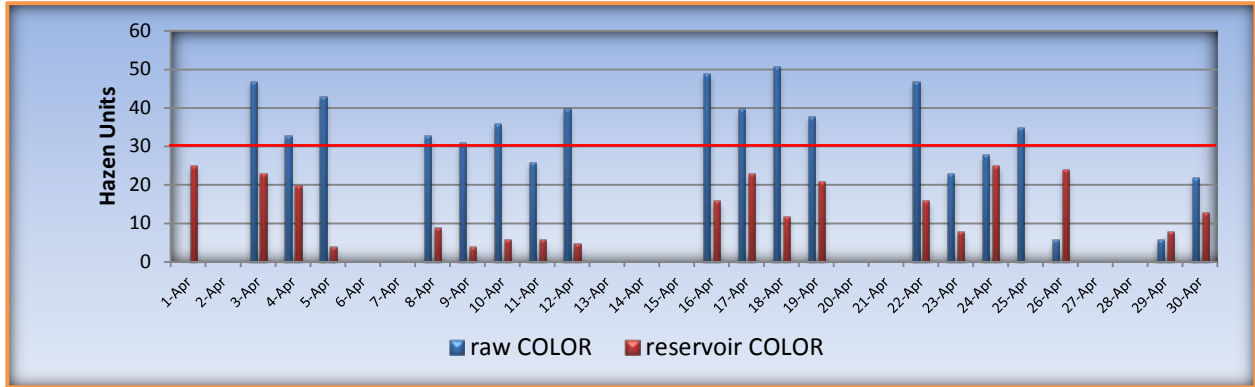
Pumped 6.7 million gallons into the distribution system

All DOH mandated water samples for June were submitted for analysis and tested negative for contaminants.

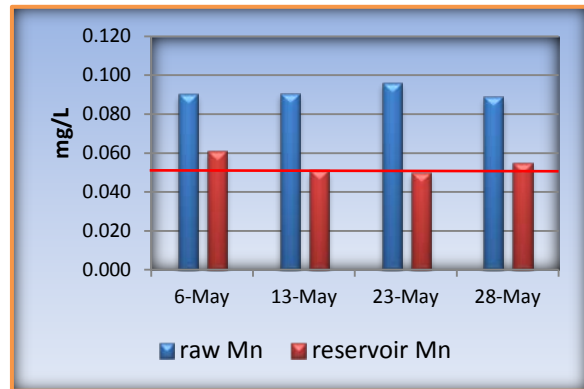
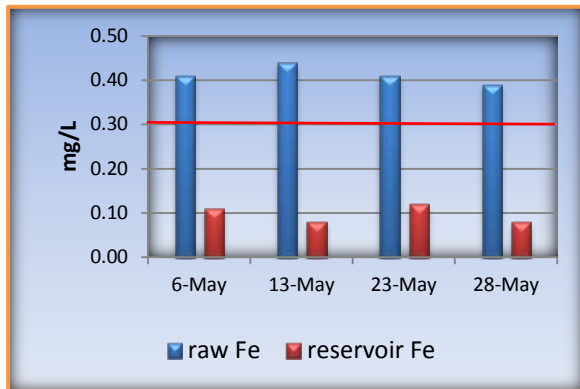


#### Water Quality For June:





The color of the raw (well) water is regularly above the Washington State Department of Health recommended level of 30hu (Hazen Units). The 30hu level is for aesthetic purposes only. Color in water does not pose a health concern. The EPA has not set an MCL for Color.

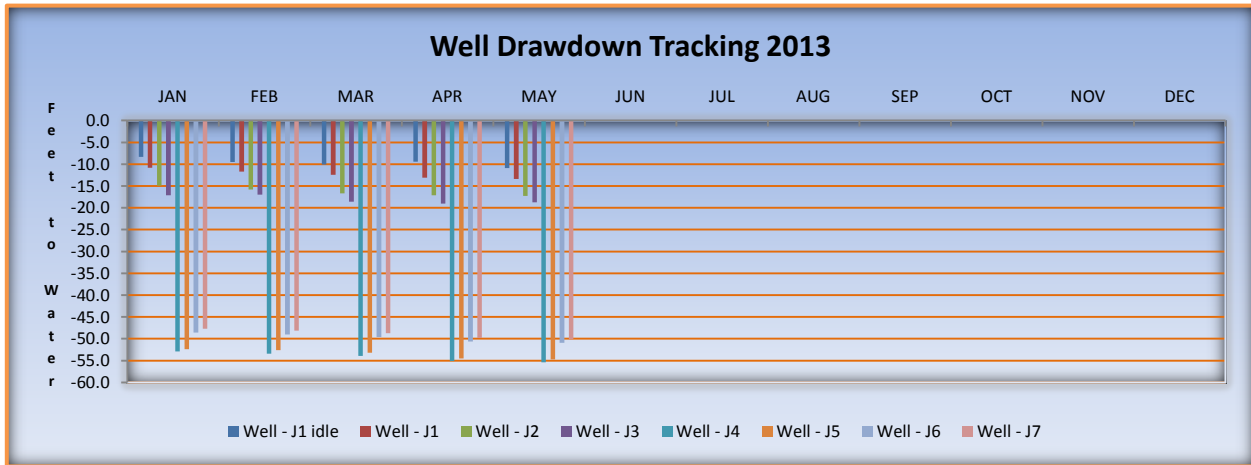


The red line in the charts represents the Secondary<sup>1</sup> Maximum Contaminant Level (SMCL), as set by the Environmental Protection Agency (EPA), for iron (Fe) and manganese (Mn). The filters are removing a large percentage of the iron in the raw water and lowering the iron levels to well below the SMCL. The Filters are removing a large percentage of the manganese and lowering the level to just below the SMCL.

<sup>1</sup> EPA has established National Secondary Drinking Water Regulations that set non-mandatory water quality standards for 15 contaminants. EPA does not enforce these "secondary maximum contaminant levels" or "SMCLs." They are established only as guidelines to assist public water systems in managing their drinking water for aesthetic considerations, such as taste, staining, color and odor. These contaminants are not considered to present a risk to human health at the SMCL. EPA believes that if these contaminants are present in your water at levels above these standards, the contaminants may cause the water to appear cloudy or colored, or to taste or smell bad. This may cause a great number of people to stop using water from their public water system even though the water is actually safe to drink. For more information on SMCL please visit the EPA web page:

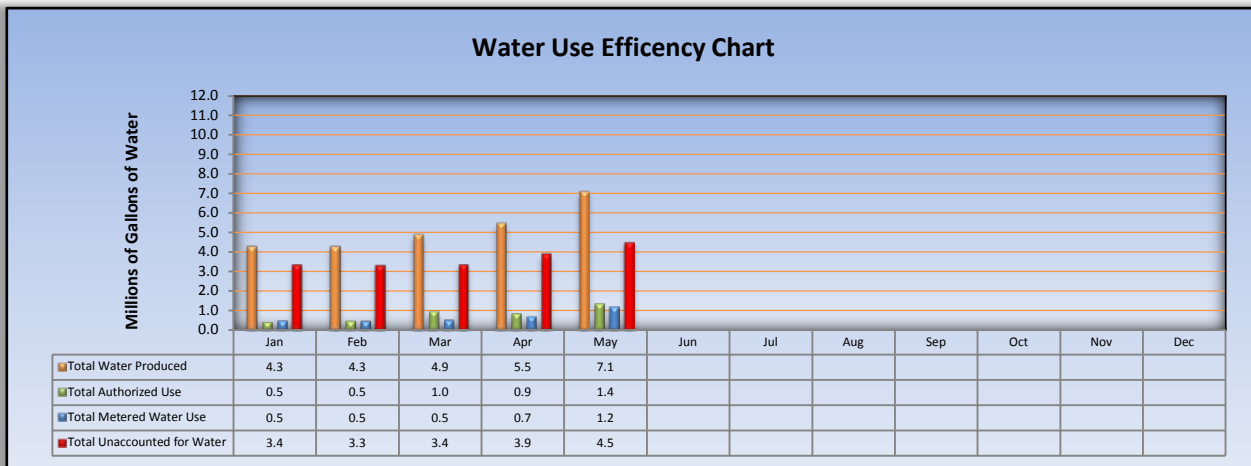
<http://water.epa.gov/drink/contaminants/secondarystandards.cfm>

**Water Wells:**



We track the water levels in the wells during pumping and when wells are idle. J-1 Idle tells us what the static water level is at rest. We then measure the drawdown of all the wells during pumping cycles. I have started the chart at negative five feet on the above chart. We measure from the top of the casing down to the top of the water on each well. Surfside’s deep wells show very little signs of reduced yield. We monitor the wells closely so that we can address any reduced yield before it becomes a major problem.

**Water Use Efficiency:**



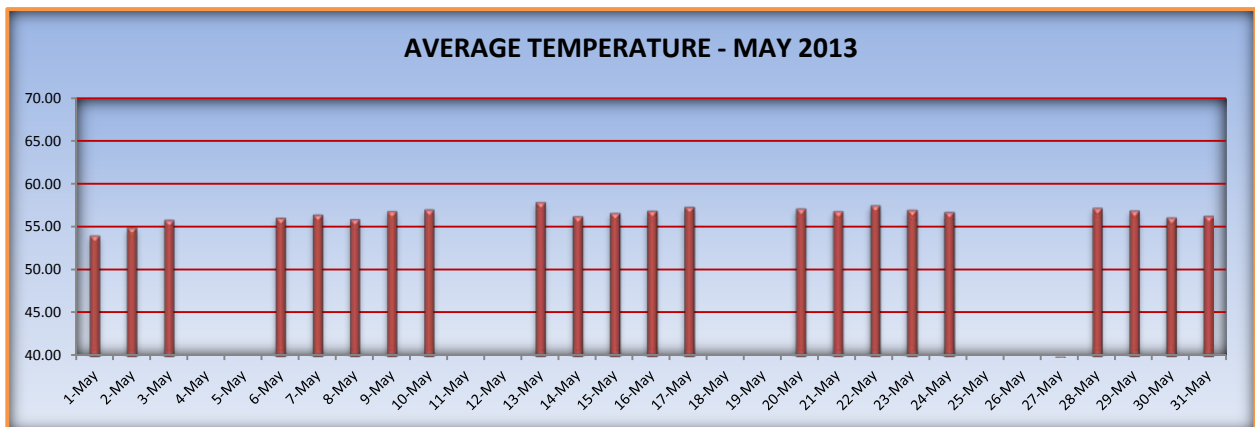
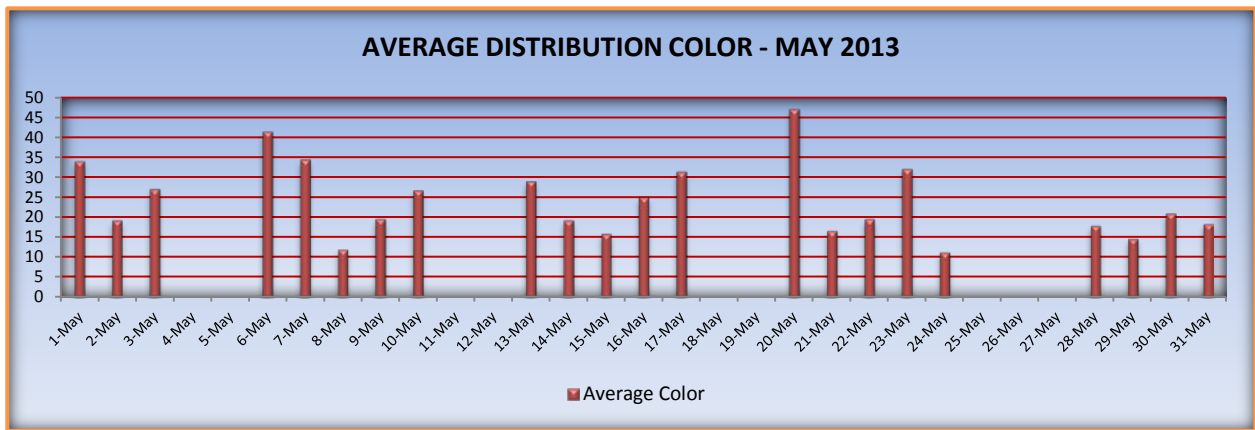
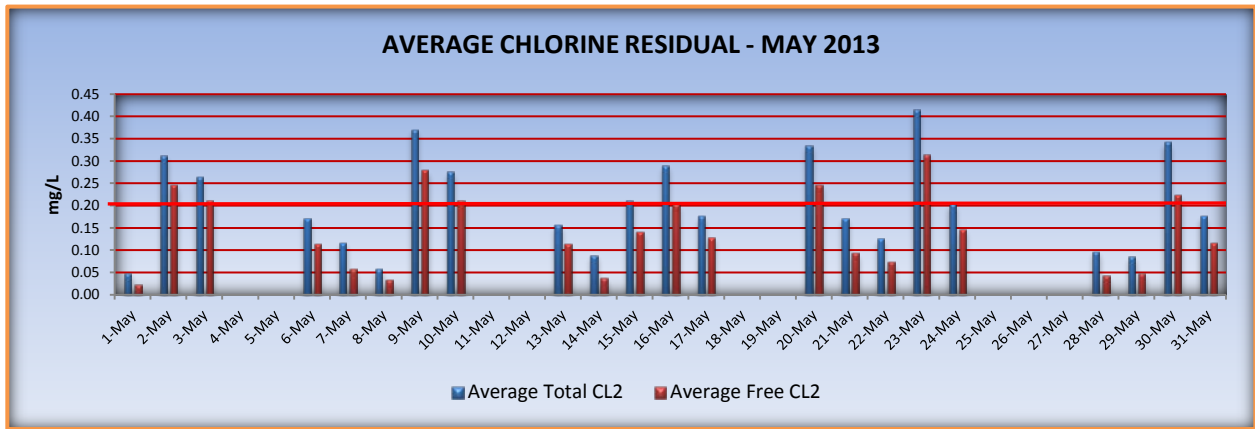
This chart represents our water use accounting that we must provide the Department of Health. The Total Water Produced is the amount of water pumped from the wells each month. The Authorized Use includes water used to backwash the filters, water used to flush mains, and other uses for maintaining the water system. The Total Metered Water Use is the amount of water that is recorded by our new meters. May’s reading included 398 residential service meters and 6 commercial meters. The Total Unaccounted for Water is the Total Water Produced less the Authorized Use and Total Metered Water Use. We have a lot of unaccounted for water at this time. As we install the rest of the meters the unaccounted for water should be reduced to less than 10% of the total water produced.



### Water Quality in Distribution:

The Water Department regularly tests the water in the distribution system for quality purposes. Chlorine ( $\text{Cl}_2$ ) disinfection effectivity is best when the water is neutral (pH of 7.2). As water becomes more acidic (lower pH) or alkaline (higher pH) more chlorine will be needed to achieve the same chlorine disinfection effectivity.

The chlorine ( $\text{Cl}_2$ ) residual is being maintained at a low level ( $\pm 1$  mg/L). We continue to adjust the  $\text{Cl}_2$  feed rate to maintain the minimum effective free chlorine residual in the distribution system.



**Operations and Maintenance -**

**In June:**

**New Services:**

The Water Department Installed three new services in June.

**Water quality complaints:**

The Water Department did not receive any water quality complaints in June.

**Requests for water main locates:**

The Water Department responded to seven requests for water main locates.

**J-Well Field Improvements -**

A Surfside volunteer is working on the J-Well field Kiosks. They should be completed by the end of July.

**Water Main Replacement (WMR) -**

The WMR work completed in May was primarily road restoration and receiving materials for the final phase of WMR that will be completed in the fall.

**Meter Installation Project -**

We will begin the MIP for 2013 in June. Please find attached to this report a budget to date on this project as of May 30, 2013. We have purchased all of the materials for the project for 2013. We have not used any labor for 2013 yet.

**Maintenance Bldg. Feasibility Study -**

There was no progress on the Maintenance Building Feasibility Study in May.

**Reserve Study** - Jason Wong with Schwindt & Company completed a second "DRAFT" reserve study with revisions. The second draft was delivered too late to be considered at the June 6, 2013 Water Planning Committee meeting.

**Main Break** - On May 29, 2013 the Surfside crew repaired a main break at x Place and Stackpole. The main break occurred during normal working hours. The repair was completed the same day.

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End of Report



**MAY**  
WORK ORDER REPORT

**WMR**

Cost in Material	
Labor Hrs	118.50
Ft. Installed	0

**JWP**

Cost in Material	
Labor Hrs	0.00

**NEW SERVICES**

Cost in Material	
Labor Hrs	6.00
# of New Services	3

**M&O**

Cost in Material	
Labor Hrs	374.00

**MIP**

Labor Hrs	
# of Installed Setters	
# of Installed Meters	
# of Decommissioned	

**SERVICE CALLS**

Cost in Material	
Labor Hrs	0.00
# of Service Calls	0

<b>MAIN BREAKS</b>	#1	#2	#3	#4	TOTAL
Cost in Material					
Labor Hrs	9.00				9.00
Date	5/29/13				
Time of Break	10:00 AM				
Repair Time (Hrs)	3				3.00

**LOCATES**

# of Locates	7
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<b>WATER MAIN REPLACEMENT</b>					
<b>Project No.</b>	<b>Date</b>	<b>Mat. Cost</b>	<b>Labor Hrs</b>	<b>Ft.</b>	<b>REPORT</b>
WMR-082	6-May		40.00		WMR RESTORATION
WMR-083	7-May		40.00		WMR RESTORATION
WMR-084	9-May		38.50		WMR RESTORATION
<b>Total</b>			118.50	0	

# MAY

## WORK ORDER REPORT

MAINTENANCE & OPERATION				
Project no.	Date	Mat. Cost	Labor Hrs	REPORT
MO-088	1-May		18.00	MISC
MO-089	2-May		24.00	MISC
MO-090	3-May		24.00	MISC
MO-091	9-May		24.00	SIGN. LEAK REPAIR.
MO-092	10-May		16.00	DIESEL TANK. 306 PARK MAINT.
MO-093	13-May		21.00	WAREHOUSE & 306 PARK
MO-094	14-May		16.00	306 PARK
MO-095	15-May		16.00	CABANAS, 306 PARK, WAREHOUSE
MO-096	16-May		16.00	KIOSKS, CPR CLASS, CABANAS
LB-001	17-May		16.00	TRAIL, LANDSCAPING, SUPPLIES
LB-002	20-May		24.00	SUPPLIES, KIOSK, MOWING
LB-003	21-May		13.00	LANDSCAPING
MO-097	21-May		3.00	LOCATE, INSPECT LOCATES
LB-004	22-May		24.00	MOWING
MO-098	23-May		16.00	CLEAN & MAINTENANCE, HYDRANT MAINT, ERRANDS
LB-005	24-May		24.00	TENTS & TABLES, MOWING
LB-006	28-May		21.00	TENTS & TABLES, MOWING
MO-099	28-May		3.00	MECHANIC, BOBCAT, INSPECT LOCATES
MO-100	29-May		15.00	PUSH
MO-101	30-May		24.00	2 PUSHES
MO-102	16-Jan		16.00	RESTORATION OF PUSHES, LOCATE WATER SERVICE BOXES
Total			374.00	

J WELL FIELD PROJECT				
Project no.	Date	Mat. Cost	Labor Hrs	REPORT
Total				

NEW SERVICE				
Project no.	Date	Mat. Cost	Labor Hrs	REPORT
07-03-07	1-May		6.00	1204 306TH
01-03-09	30-May			30810 G ST
02-04-06	30-May			30514 H ST/ VETERANS PARK
Total			6.00	

SERVICE CALLS				
Project no.	Date	Mat. Cost	Labor Hrs	REPORT
Total				

MAIN BREAK				
Project no.	Date	Mat. Cost	Labor Hrs	REPORT
MB-005	29-May		9.00	X PL & STACKPOLE RD
Total			9.00	





**Homeowners Association**  
 31402 H Street; Ocean Park, WA 98640  
 (360) 665-4171; (888)815-9446  
 www.surfsideonline.org

**WATER MAIN REPLACEMENT PROJECT  
 BUDGET TO DATE MAY 2013**

**Revenue**

	Budget	Project to Date October	Percent of Budget
	2013	5/30/2013	2013
Water Main Replacment Assessment	148,356	127,243	86%
Other Income	0	0	
<b>Total Income</b>	<b>148,356</b>	<b>127,243</b>	<b>86%</b>

**Expenses**

<b>Laobor</b>	<b>54,060</b>	<b>37,566</b>	<b>69%</b>
Wages	35,700	26,067	
Employer Taxes	8,871	7,870	
Medical and Life Insurance	8,275	3,173	
Pension	1,214	456	
<b>Materials</b>	<b>92,634</b>	<b>55,125</b>	<b>60%</b>
Pipe, Hydrants, and Fittings	92,634	45,189	49%
Other Expences	0	9,936	
<b>Total Expenses</b>	<b>146,694</b>	<b>92,691</b>	<b>63%</b>
<b>Total Revenue</b>	<b>148,356</b>	<b>127,243</b>	<b>86%</b>
<b>Total Expenses</b>	<b>146,694</b>	<b>92,691</b>	<b>63%</b>
<b>Cash Increase Decrease</b>	<b>1,662</b>	<b>34,552</b>	<b>2079%</b>
<b>Cash At Beginning of Year</b>	<b>12,359</b>	<b>12,359</b>	
<b>Cash At End of Year</b>	<b>14,021</b>	<b>46,911</b>	<b>335%</b>



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### METER INSTALLATION PROJECT BUDGET TO DATE MAY 2013

#### Revenue

	Budget	Budget to Date	Percent of Budget Used
	2012-2016	5/31/2013	2012-2016
Meter Installation charge	1,023,500	714,484	70%
Other Income	0	0	
<b>Total Income</b>	<b>1,023,500</b>	<b>714,484</b>	<b>70%</b>

#### Expenses

<b>Laobor</b>	<b>158,349</b>	<b>37,923</b>	<b>24%</b>
Wages	104,569	25,030	24%
Employer Taxes	25,986	8,431	32%
Medical and Life Insurance	24,239	3,940	16%
Pension	3,555	522	15%
<b>Materials</b>	<b>845,403</b>	<b>334,642</b>	<b>40%</b>
Meters (HD supply)	386,317	165,373	43%
Appurtenances (HD Fowler)	459,086	93,329	20%
Other Expences	0	75,940	
<b>Total Expenses</b>	<b>1,003,752</b>	<b>372,565</b>	<b>37%</b>
<b>Total Revenue</b>	<b>1,023,500</b>	<b>714,484</b>	<b>70%</b>
<b>Total Expenses</b>	<b>1,003,752</b>	<b>372,565</b>	<b>37%</b>
<b>Cash Increase Decrease</b>	<b>19,748</b>	<b>341,919</b>	<b>1731%</b>
<b>Cash At Beginning of Project</b>	<b>0</b>	<b>0</b>	
<b>Cash At End of Project</b>	<b>19,748</b>	<b>341,919</b>	<b>1731%</b>