



General Manager's Report - January 21, 2014

Water Use - December 2013 (million gallons)

Water pumped from all wells: **12.5 mg**

Water used by the District: **2.8 mg**

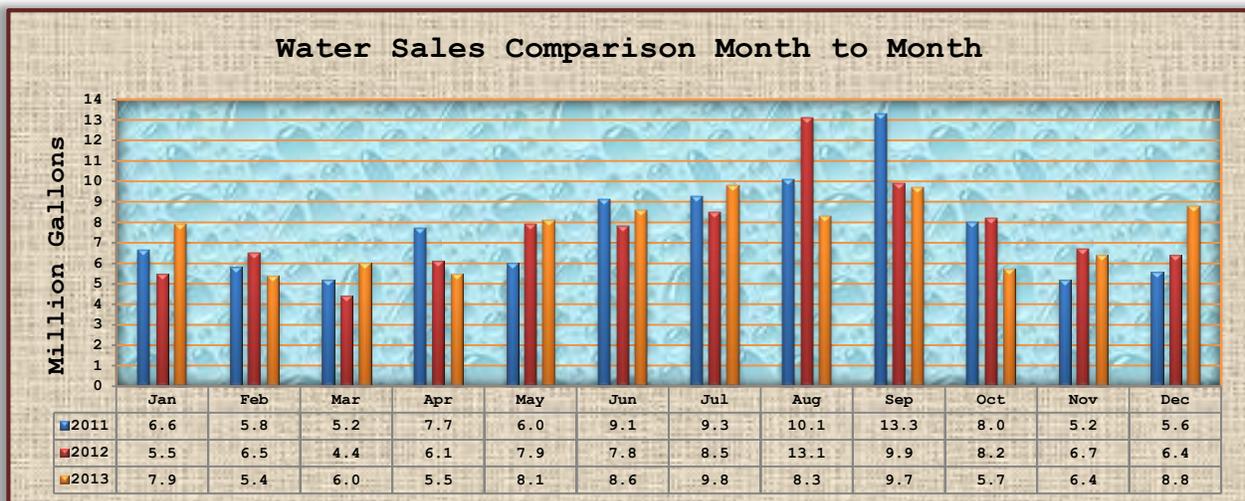
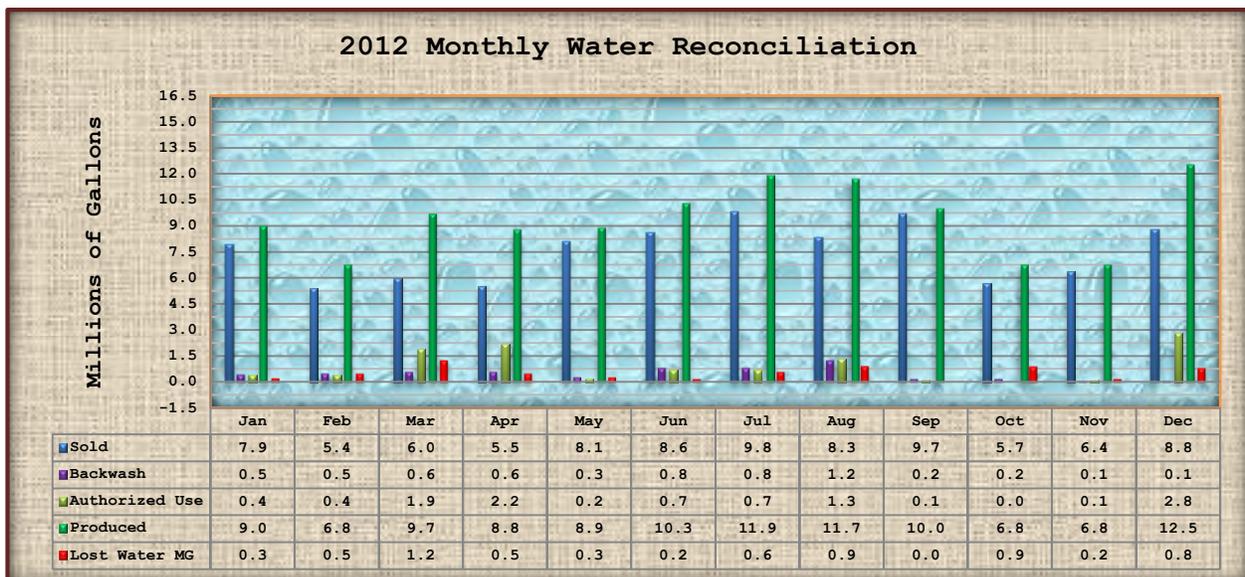
Water used to backwash filters: **0.1 mg**

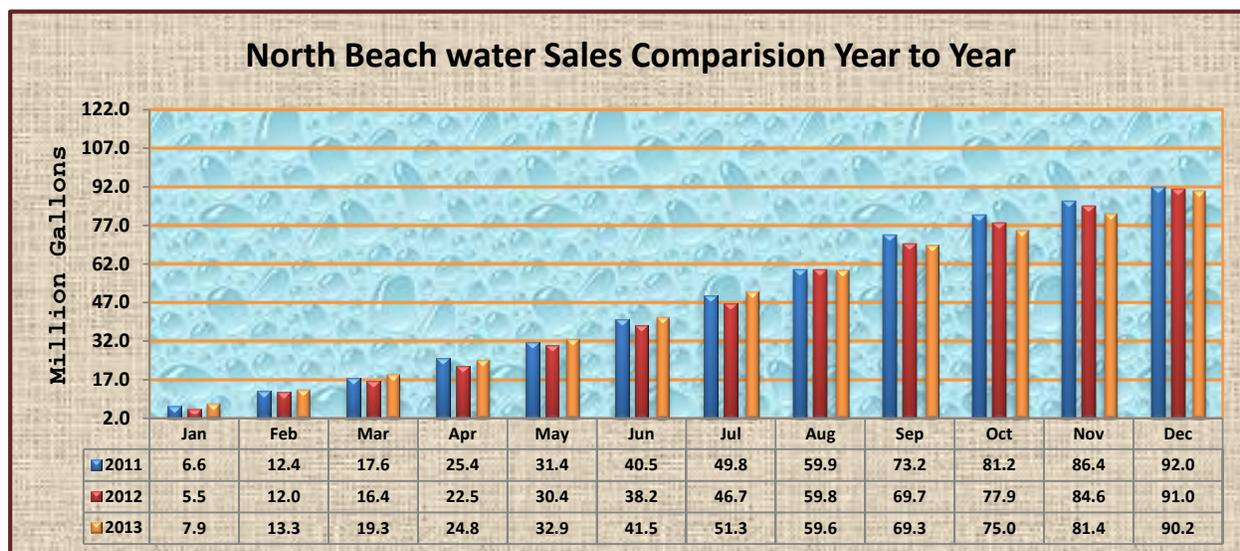
Water sold: **8.8 mg**

Water lost to leaks: **0.8 mg**



Cedar Waxwing
The skittish berry thief

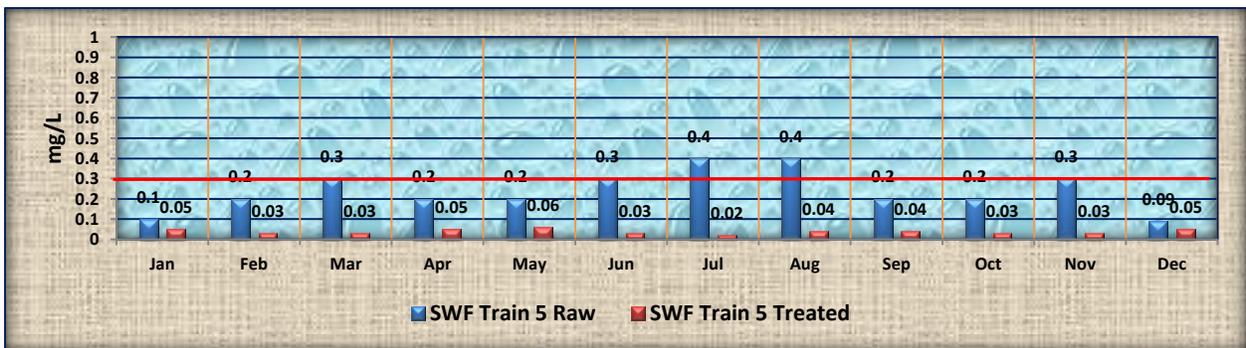
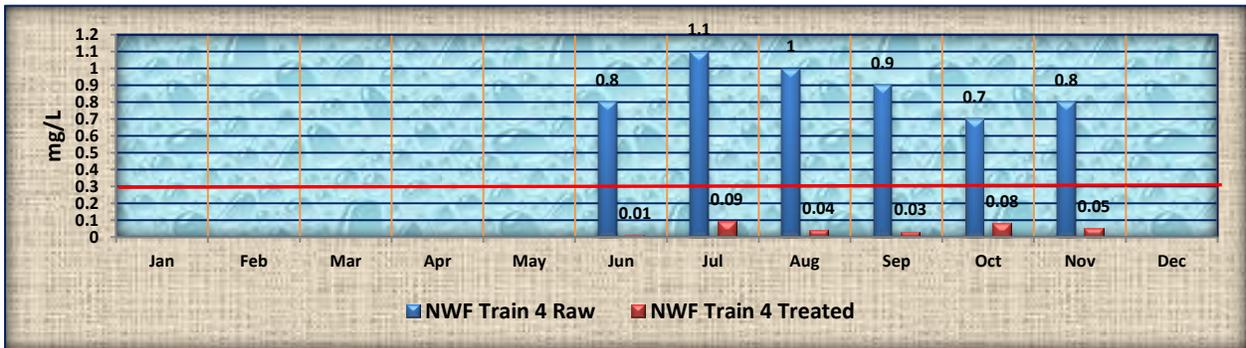
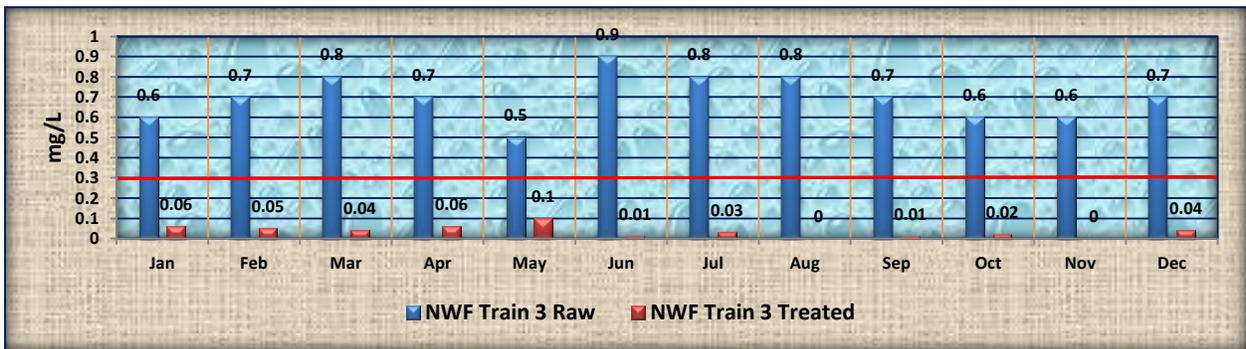
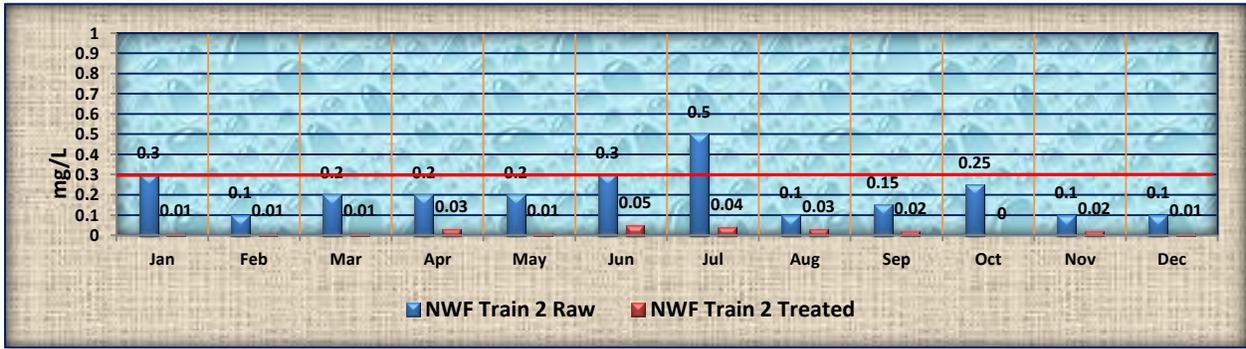
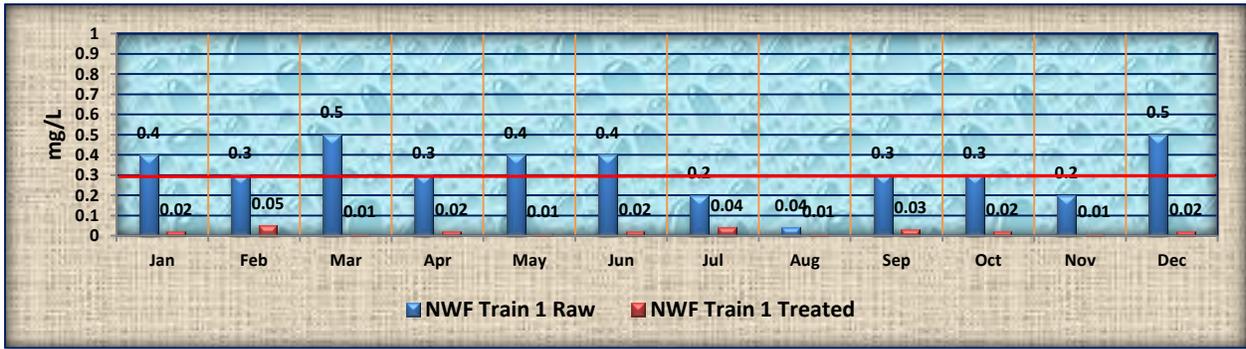


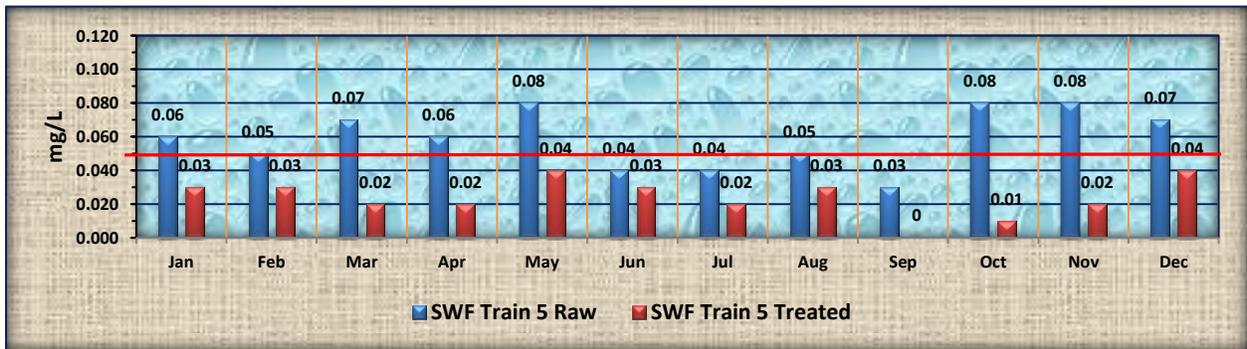
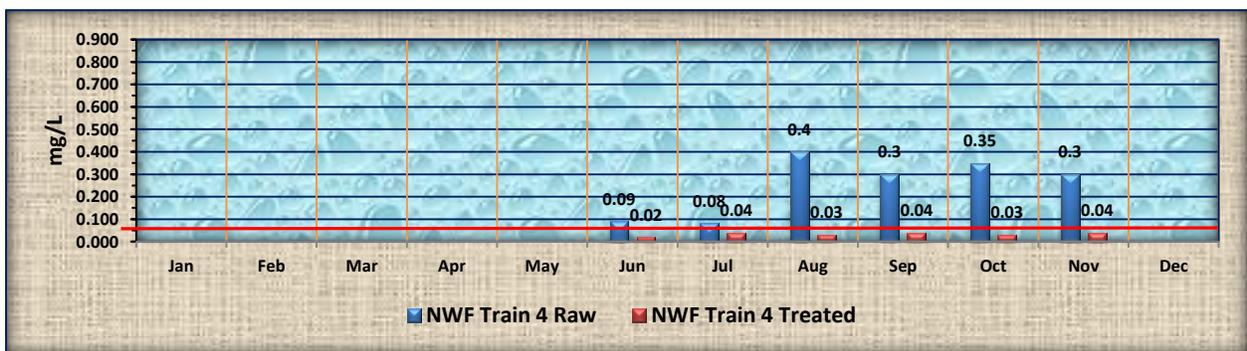
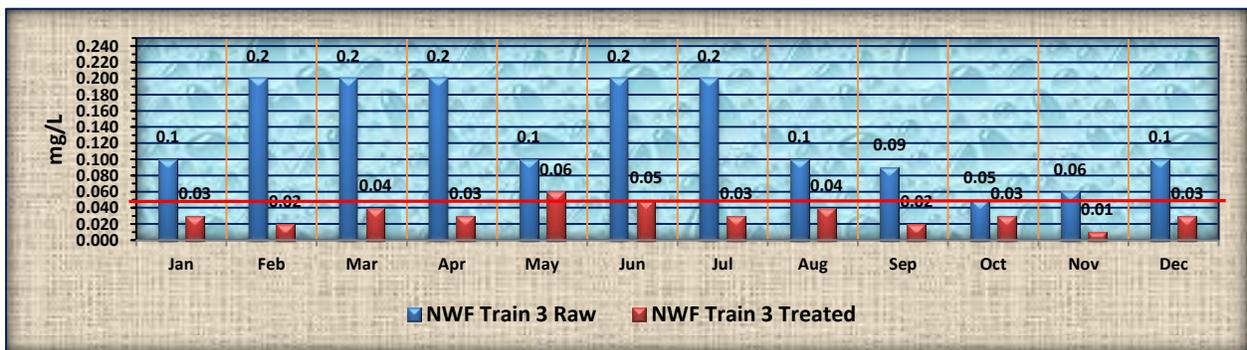
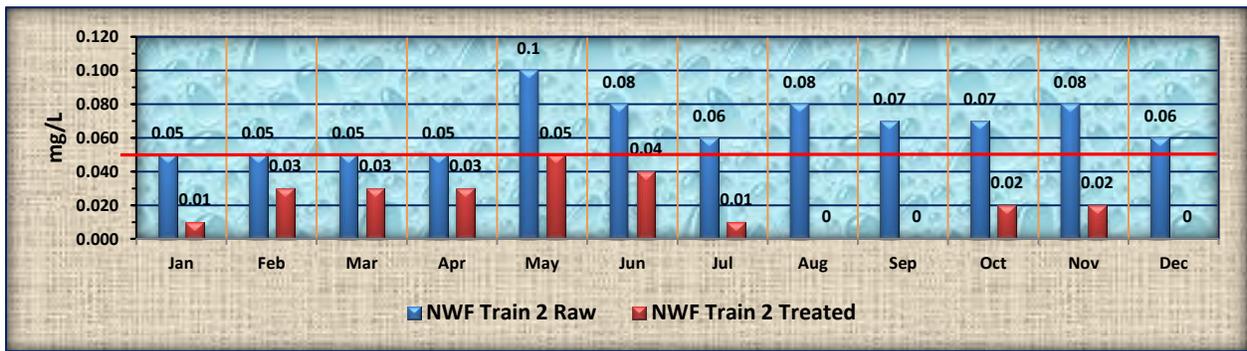
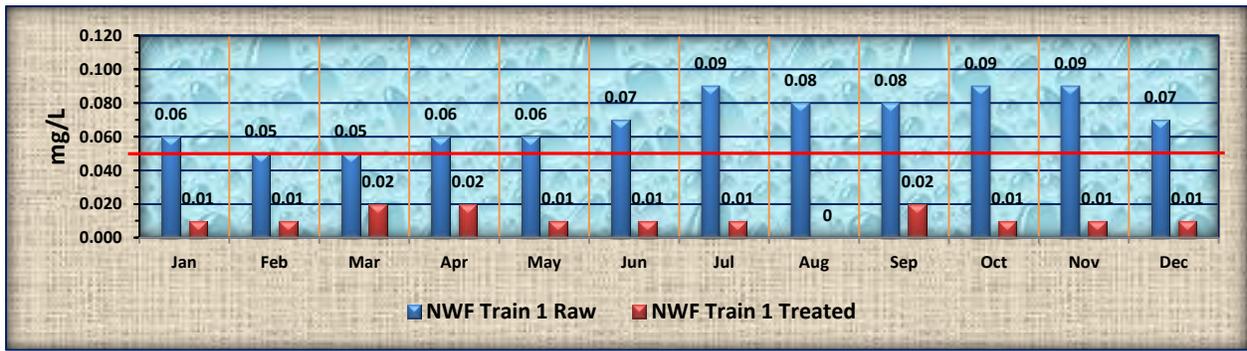


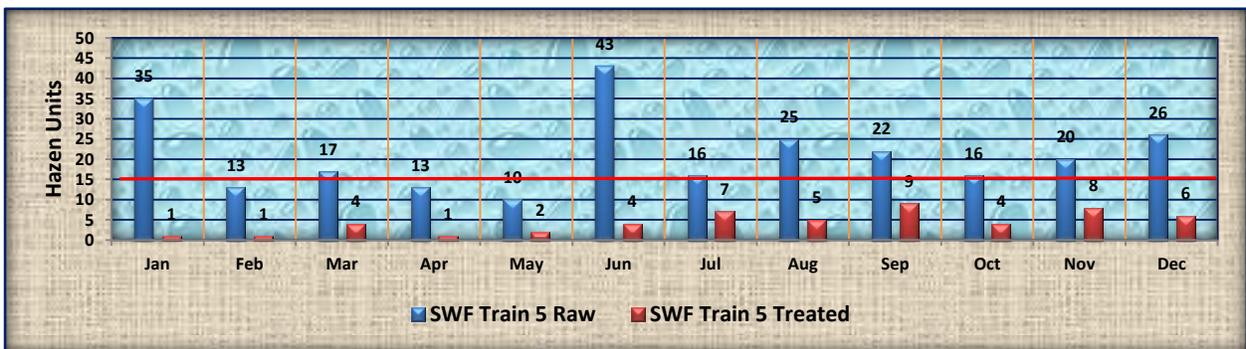
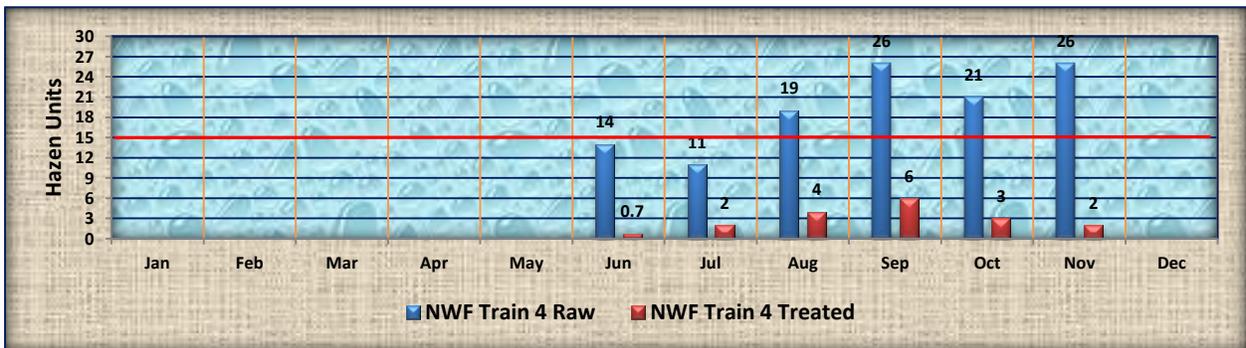
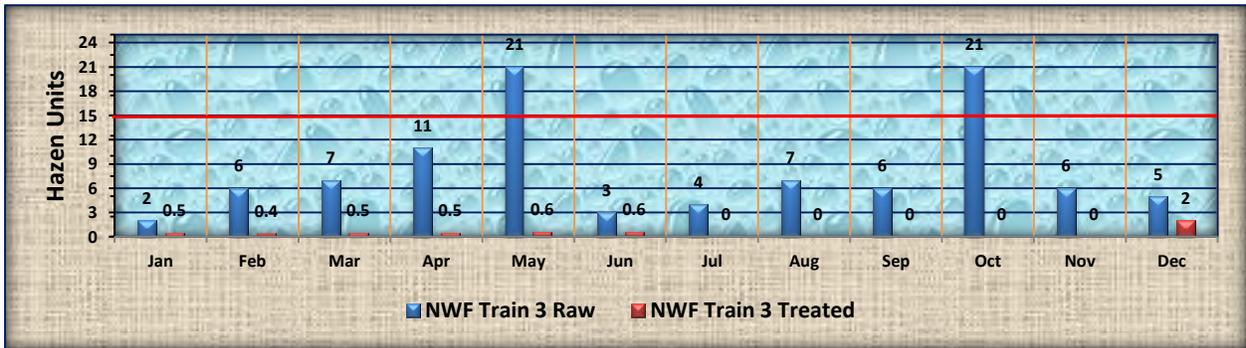
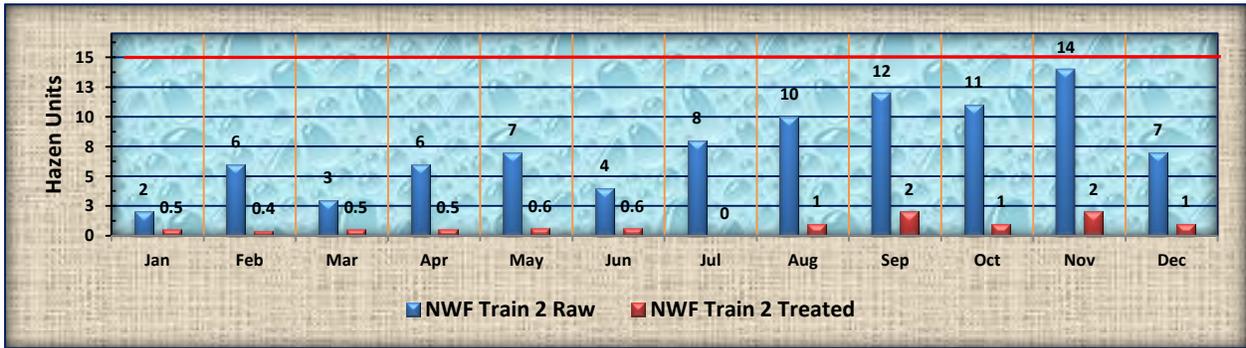
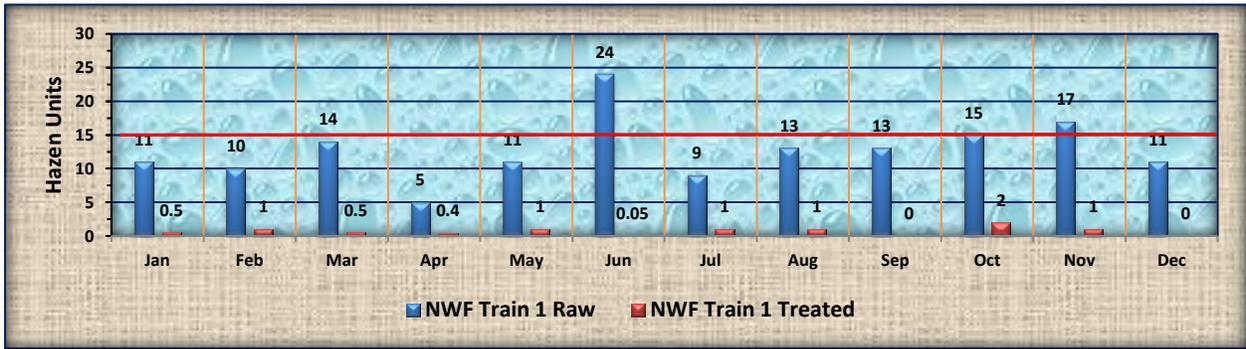
Water Quality Report:

We test water samples weekly. Three of the tests we do weekly indicate how well our water treatment plant is operating. The treatment system is designed to reduce iron, manganese, and color. The treatment plant also reduces arsenic but we do not test for this contaminant in-house. Testing for arsenic requires sophisticated analytical equipment and training our staff does not have. The DOH requires we test for arsenic once every three years (we test annually). Test results for arsenic in treated water are consistently below the MCL.

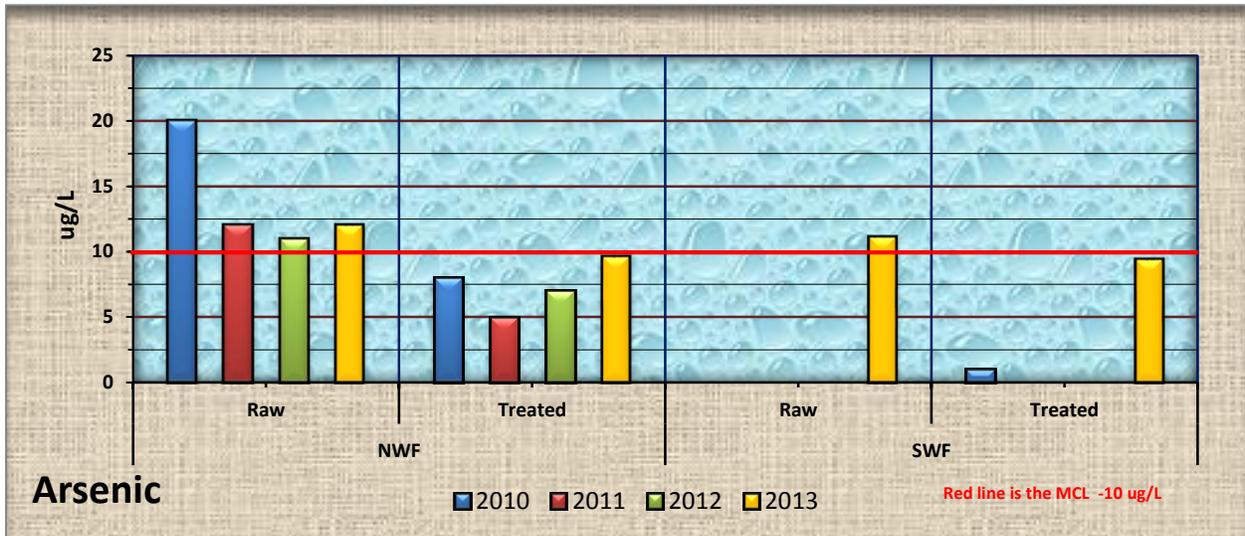
Excessive iron, manganese, and color can lead to low water quality in the distribution system that will result in increased water quality complaints. Below I have included charts that will show the average raw water and treated water for iron, manganese, and color.







Color



Water Quality:

North Beach Water District collected and submitted five (5) compliance coliform bacteria water samples in December, 2013. All water samples tested negative for coliform bacteria presence.

The District received five (5) water quality calls in December, 2013. Most of the water quality calls were related to the high water use related to the arctic freeze event in early December.

DWSRF Projects:

Project 129 - Supply and Treatment Project. Bison Drilling has completed the drilling and developing of well #2. Bison Drilling will be pump testing well #2 the week of January 13, 2014. Bison Drilling will be starting the Drilling of Well #3 the week of January 20, 2014. Bison Drilling's equipment suffered minor vandalism over the weekend of January 11 & 12, 2014. Fortunately there was very minor damage or economic loss.

| Fund Beginning Balance | Funds Expended 11/1/13 | Fund Balance | 30% Forgiveness-to-Date Earned |
|------------------------|------------------------|----------------|--------------------------------|
| \$2,190,631.00 | \$203,568.99 | \$1,987,062.01 | \$61,070.70 |

Project 121 - Water Main Project.

The water main project is underway. Big River Construction has is currently working on both Z Street and U Street. They will They are on schedule and on budget.

We have asked for two minor changes orders to relocate one fire hydrant on U Street and add a fire hydrant on Birch Place to accommodate a requests by Fire District #1

We are investigating the feasibility of one large change order to include an additional 8" crossing of SR 103 (Bay Avenue) at Z Street. This crossing would provide and additional loop between the North and South Well Fields and allow the District to relocate significant amounts of water mains located on private property onto Pacific County right-of-ways.

| Fund Beginning Balance | Funds Expended 11/1/13 | Fund Balance |
|------------------------|------------------------|--------------|
| \$891,123.00 | \$170,997.19 | \$711,302.81 |

Water Revenue Bond Project Fund:

The water revenue bond project fund was created to fund three separate expenses. The first was to purchase the Wiegardt property to locate the new well field. The second was to build an equipment building to house the District's vehicles and equipment. The third is to purchase or build a business office for the District. The district also paid the cost of issuance of the Bonds from the bond fund.

| Description of Cost | Funds Expended | Fund Balance |
|----------------------------|----------------|----------------|
| | | \$1,162,392.64 |
| Cost of Issuance | \$25,775.00 | \$1,136,617.64 |
| Wiegardt Property Purchase | \$121,874.39 | \$1,014,742.75 |
| Driftmier Architects | \$6,417.47 | \$1,008,325.78 |

227th Lane Customer Generated Infrastructure:

We received five (5) bids for the 227th Lane Customer Generated Infrastructure Project. DPR Builders and Developers was the lowest responsive and responsible bidders at \$19,467.88. The next lowest bidder was Woody's Septic Specialties, Inc. at \$19,943.00. The Third lowest bidder was Big River Excavating at \$29,647.16. The general manager awarded DPR the contract for project in December, 2014. DPR started the work on January 10, 2014 and will be complete on January 21, 2014.

245th Street Water Main Loop Project:

After conversations with WSDOT utility engineer's, Gray and Osborne, Inc. will be revising the crossing of SR 103 at 245th

Street. WSDOT has concerns about the crossing and wants Gray and Osborne to address those concerns in their design.

Safety Meeting Minutes:

North Beach Water District staff meet for their monthly Safety meeting on the first Monday of the December.

Attachments:

- o DOC Vender Distribution Form for 12-10-2013 thru 01-03-2014 DM12-952-129 (Supply and Treatment Project)
- o DOC Vender Distribution Form for 12-10-2013 thru 01-03-2014 DM12-952-121 (Water Main Project)
- o Report on December 2013 Freeze
- o Surfside November/December Report

End of Report



Report on December 2013 Freeze

Commissioners

Brian Sheldon - Gwen Brake - Glenn Ripley

2 January, 2014

In early December 2013, the North Beach Peninsula experienced below freezing temperatures for multiple days. This resulted in many properties with frozen pipes. When water freezes it expands and if the pipes do not expand with the water they will break or split pipes open. When the temperatures rise to above freezing the ice begins to melt and leaks ensue. The following is a day by day breakdown the work orders issued for broken (uncontrolled flowing) pipes.

- December 4 - 1 Work Order.
- December 5 - 3 Work Orders.
- December 9 - 16 Work Orders.
- December 10 - 28 Work Orders.
- December 11 - 7 Work Orders.
- December 13 - 1 Work Orders.
- Total - 56 Work Orders.

From December 9 through December 15 the crews were actively looking for leaks in the distribution system. The operator would go from meter to meter and if they found a meter that was spinning they would investigate the property for broken pipes. Customers and neighbors would call the business office to report broken pipes also. When a broken pipe was discovered the following steps were taken:

1. Work order generated / Field Crew Dispatched.
2. Water shut off at meter (Used customer valve when possible).
3. Contacted customer.
4. Noted the account indicating the shutoff for broken pipes.

From December 4th to December 15th the crew worked a total of 82.3 hours overtime scanning the distribution system for leaks and maintaining the wells and filters and booster system to keep up with demand.

During the thaw water demand increased to the point that wells 1 - 8 at the north well field and well 2 at the south well field were needed to meet demand. From December 9, 2014 through December 11, 2014 customer's ruptured pipes were found and isolated as other thawed and started to flow. During this time water demand fluctuated between 300 and 450 gallons per minute with peaks at over 700 gallons per minute.

As a result of the extra water going out at a higher than normal rate, the district also received four dirty water calls all from December 10 to December 12 during the height of the broken pipe issue.

During the event the crew performed their duties with efficiency and professionalism. They went above and beyond the call of duty.

I want to give notable recognition to Robert Hunt and Nicolas Morrison for their work in the field. Both of them were willing to work late into the night to make sure the reservoirs were full and the facilities were operating at capacity. Bob and Nick both demonstrated an uncanny ability to find broken pipes in the field.

I also want to recognize the work of both Jack McCarty and Eva Best in the Business Office during the event. As the crew found and reported leaks Jack and Eva went to great lengths to help our customers during their emergency. Their efforts went above and beyond what the job calls for.

Most of all I want to recognize the customers of North Beach Water District for the kind and understanding attitude during this event. Our customers were very helpful in finding and reporting leaks on properties throughout the district. Their cheerful voices and helpful attitudes brought a breath of fresh air to the office with each call.

During this stressful event our crews were busy beyond belief and with the high water velocities in our distribution systems we had poor water quality in many sections of the water system and yet we only received four water quality complaints. I talked to one customer about the interaction they had with our personnel during this event. Although the customer had been legitimately inconvenienced by the poor water quality when they realized how hard we were working on the situation they wanted to offer their support for our efforts. We have the best customers during an emergency a utility could ask for.

Report by



William "Bill" Neal
General Manager, NBWD

SURFSIDE HOMEOWNERS ASSOCIATION

WATER SYSTEM REPORT

NOVEMBER/DECEMBER 2013



Spotted Sandpiper
A Resident of the Peninsula

Water System Activities for November/December 2013

Water Production November/December 2013:

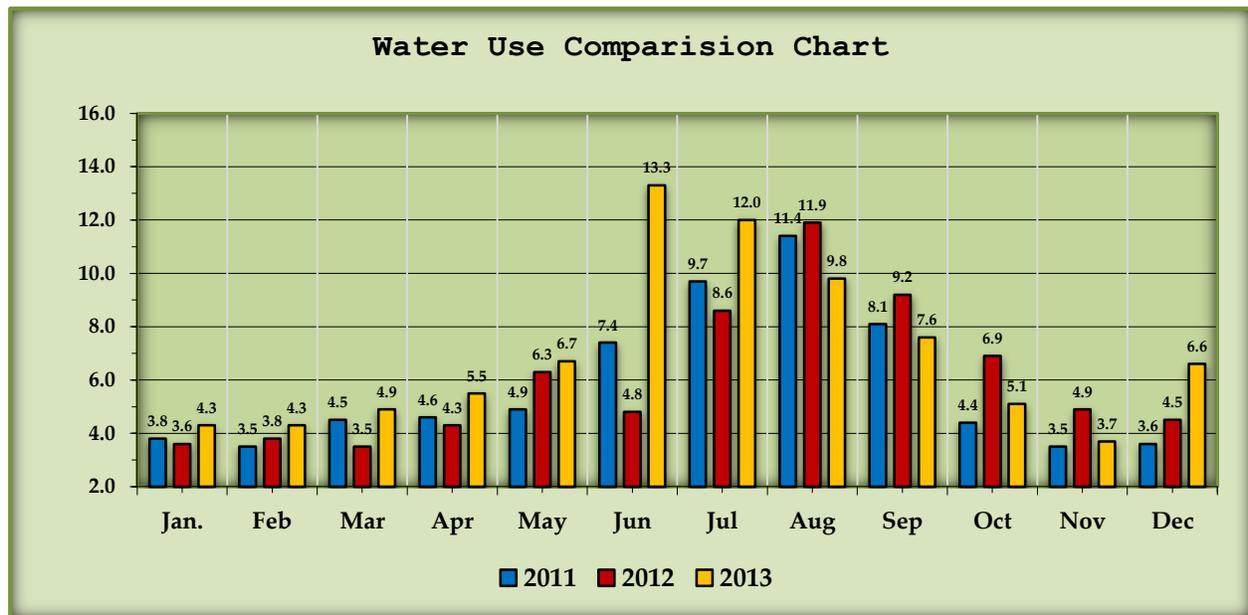
Pumped 3.7 mg - Nov. 6.6 mg - Dec. (mg = million gallons)

Treated 3.4 mg - Nov. 6.3 mg - Dec.

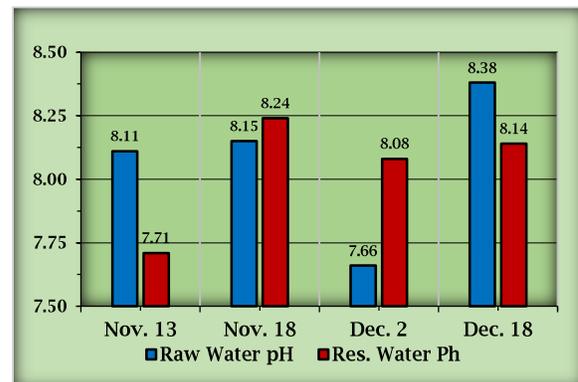
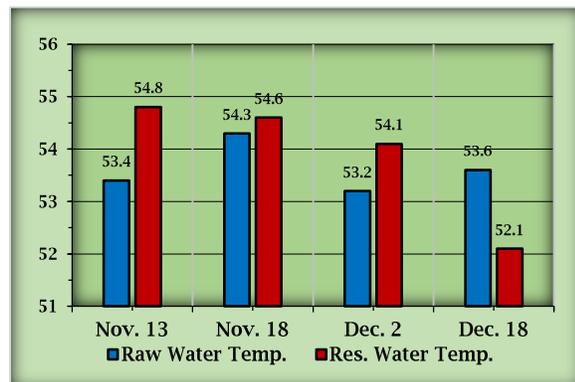
Used 0.3 mg backwash water - Nov. 0.9 mg - Dec.

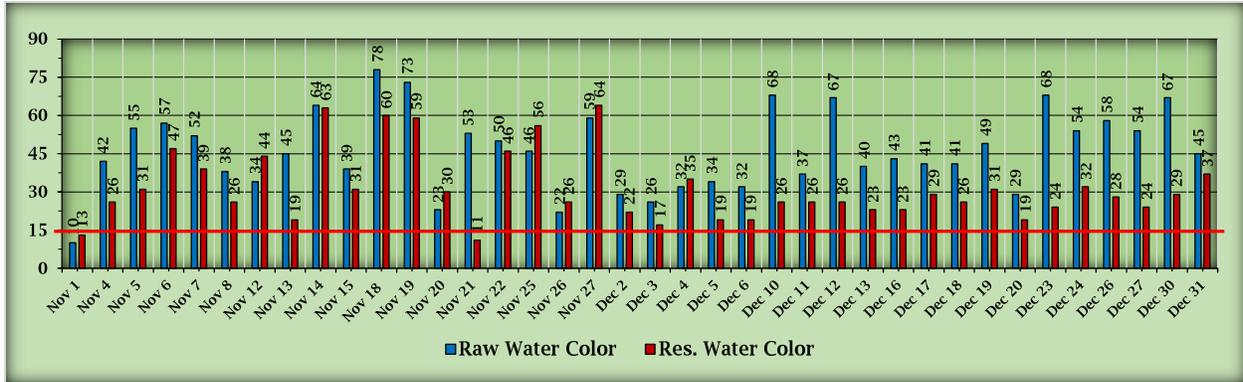
Pumped 3.4 mg to members - Nov. 6.2 mg - Dec.

All DOH mandated water samples for November/December were submitted for analysis and tested negative for contaminants.

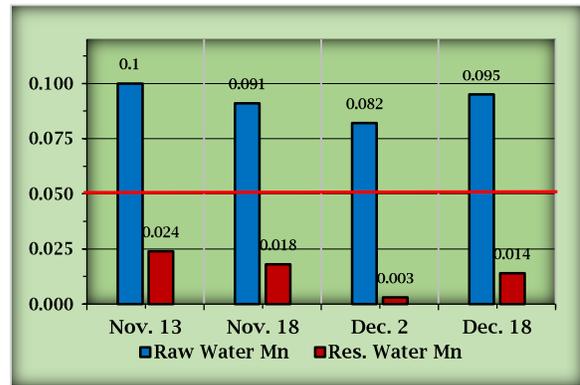
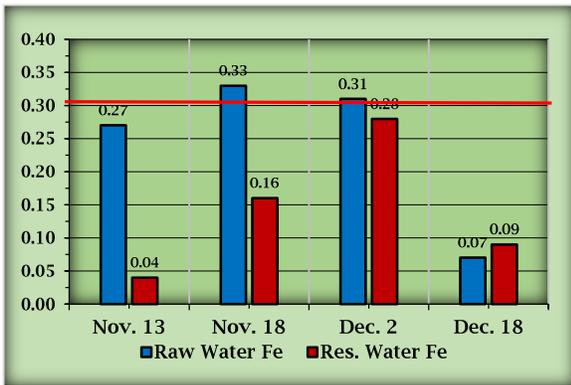


Water Quality for November/December:



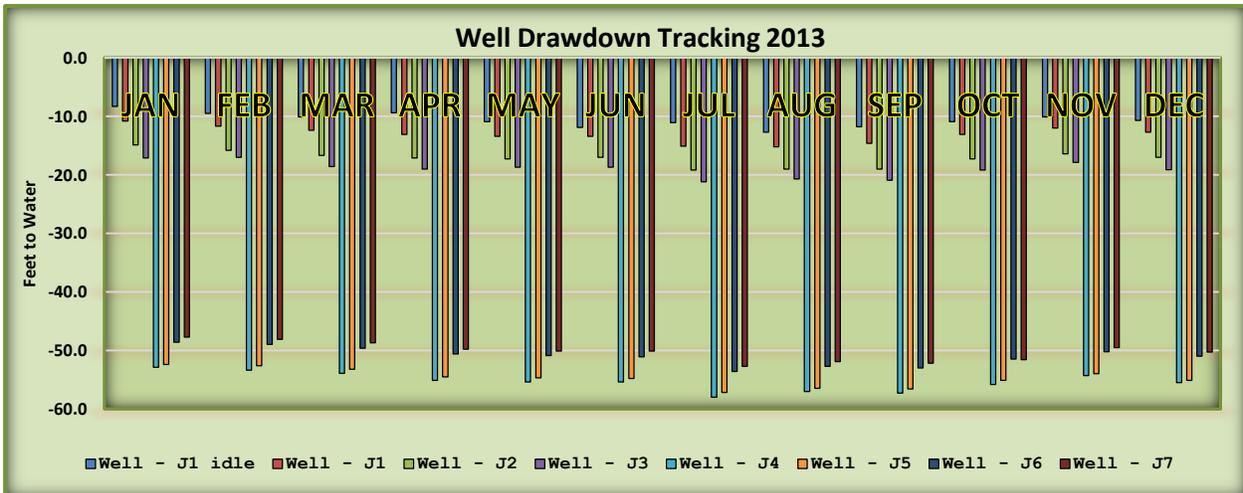


The color of the raw (well) water is regularly above the EPA Secondary Maximum Contaminant Level (SMCL) of 15hu (Hazen Units). The 30hu level is for aesthetic purposes only. Color in water does not pose a health concern. Washington State has not set an SMCL for color.



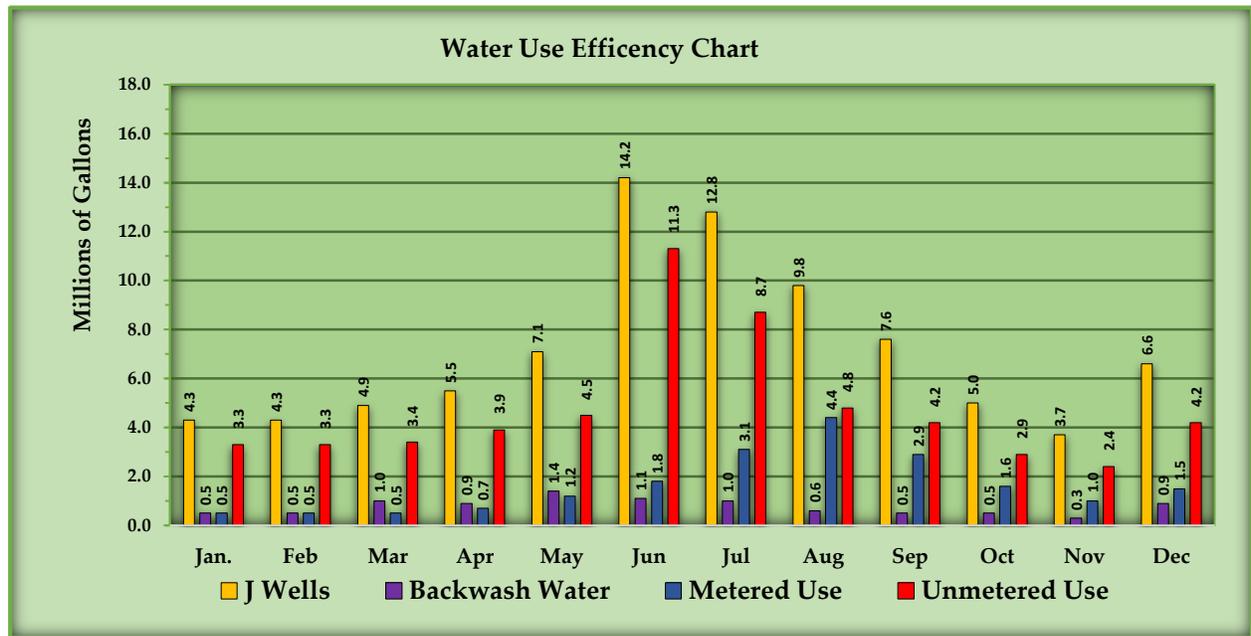
The red line in the charts represents the SMCL, as set by the Environmental Protection Agency (EPA), for iron (Fe) and manganese (Mn). The filters are removing a large percentage of the iron in the raw water and lowering the manganese levels to well below the SMCL.

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. We measure from the top of the casing down to the top of the water on each well. We monitor the wells closely so that we can address any reduced yield before it becomes a major problem.

Water Use Efficiency:

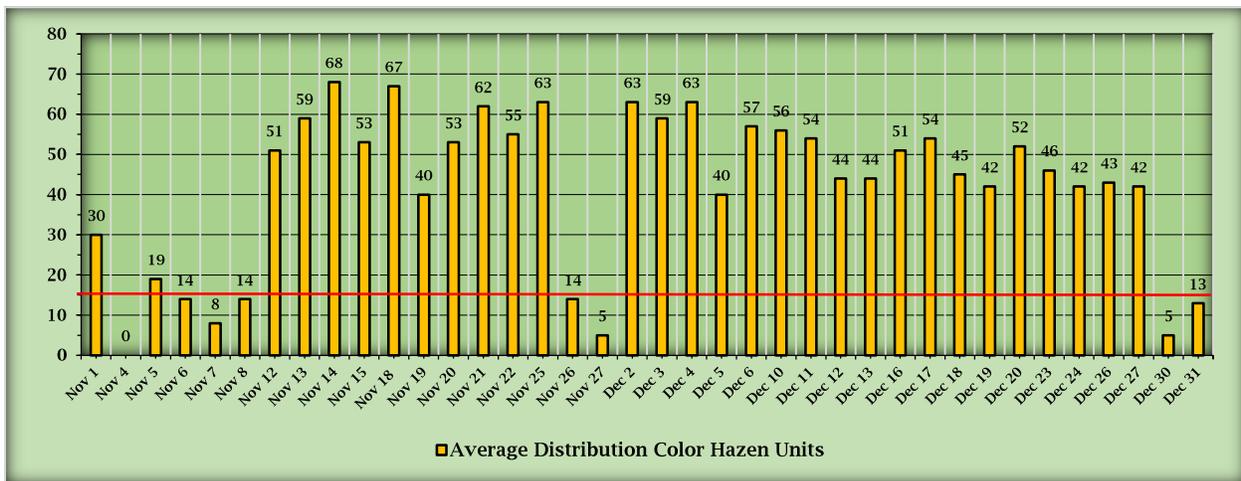
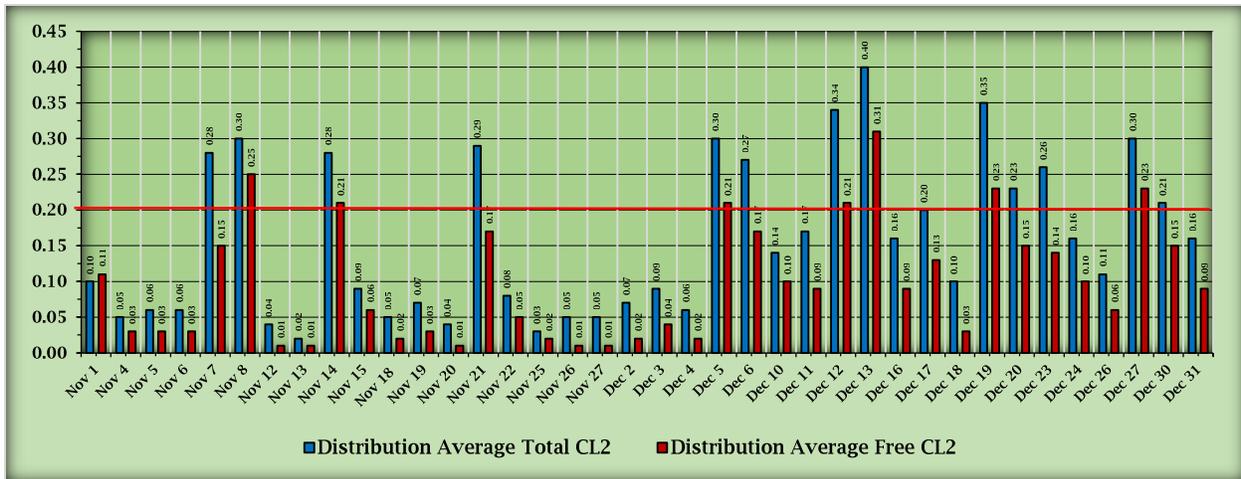


J well is the amount of water pumped from the J Wellfield each month. The **Backwash Water** includes water used to backwash the filters, flush mains, and other uses for maintaining the water system. The **Metered Use** is the amount of water that is recorded by our new meters. November’s reading included 795 residential service meters and 6 commercial meters. The **Unmetered Use** is the water that is being used by our services that are not yet metered and any water that is lost to leaks. It is impossible to tell how much water is lost to leaks until all of the services are metered.

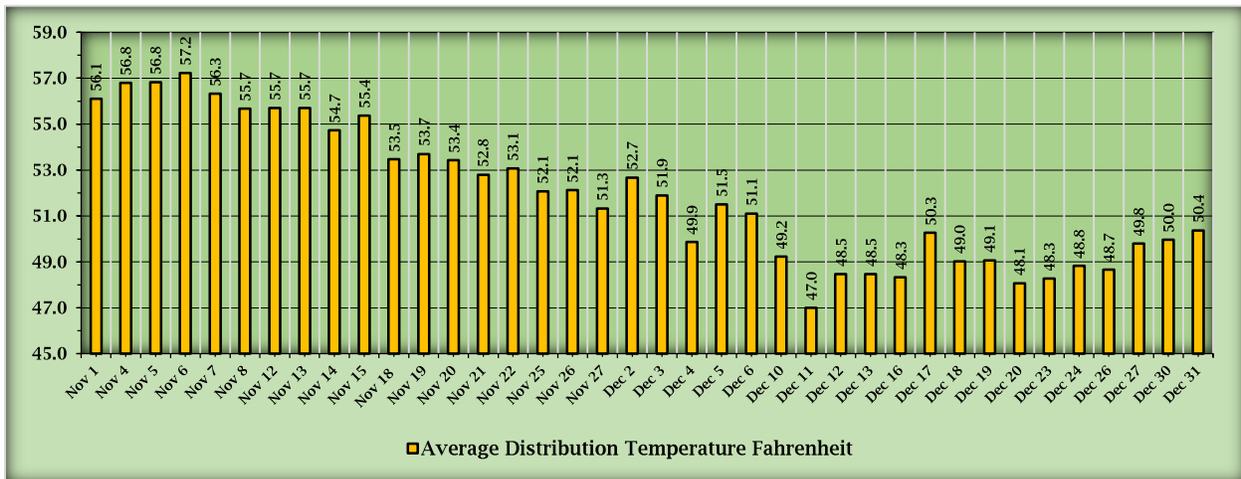
Water Quality in Distribution:

The Water Department regularly tests the water in the distribution system for quality purposes. Chlorine (Cl₂) 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 (Cl₂) will be needed to achieve the same chlorine disinfection effectivity.

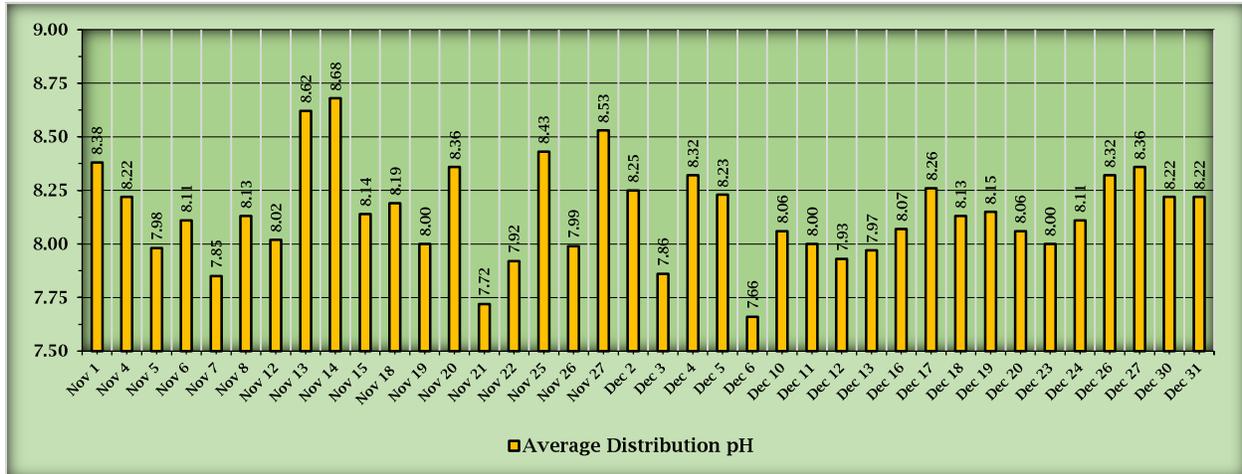
The chlorine (Cl₂) residual is being maintained at a low level (±.1 mg/L). We continue to adjust the Cl₂ feed rate to maintain the minimum effective free chlorine residual in the distribution system.



The color in the distribution system is consistently over the 15hu EPA established SMCL. People will start to notice a slight yellow tint to the water when the color is 15hu. Below 15hu it is hard for the eye to see the color. At thirty and above the water color is very noticeable.



The average distribution water temperature is important to monitor. The colder the water gets the less efficient the chlorine is as an oxidant. Chlorine residuals should be higher as the water gets colder. The production of disinfection byproducts will also be reduced in colder water.



Monitoring for pH is one of the most common tests conducted in drinking water distribution systems. The EPA recommends pH monitoring to establish a baseline water quality in the distribution system. The pH should remain fairly constant throughout the distribution system, as long as the water has come into equilibrium with the pipes (pipes are not new) and there are no significant corrosion problems. The EPA has set a SMCL for pH at >6.5 - <8.5. Washington State does not monitor pH in drinking water at this time.

Significant changes in the base line pH (greater than 1 point higher or lower than the average) may be an early indicator of contamination in the distribution system. A reduction in pH can be an indication of problematic biofilm growth. For example, a decrease in pH can result from growth of sulfur-reducing bacteria such as *Thiobacillus*. These bacteria generate hydrogen ions which lowers the pH. A growth in nitrifying bacteria may also decrease the pH by oxidizing ammonium in nitrate and other nitrogen compounds.



Thiobacillus in a Water Main

Monitoring pH is one way the water department monitors for problems that can be corrected before they become catastrophic requiring intervention by the DOH.

Operations and Maintenance:

Main Breaks:

There was no water main break in November/December.

Services:

The Water Department installed no new services in November/December.

Service Calls:

The Water Department responded to four (4) service calls in November and twelve (12) Service Calls in December. Most of the service calls in December were related to the cold weather. One (1) service call in November was from a member who was concerned about black mold and one (1) was a follow up from an October water quality concern. Four (4) were leaks at water services. The rest were broken pipes due to the freeze.

Requests for Water Main Locates:

The Water Department responded to seven (7) requests for water main locates in November and four (4) in December.

Water Main Replacement (WMR) -

WMR work was on J Place in November. The 2013 WMR project was completed in November. 440' of 8" water main, 12 water services were reconnected, and 970' of J Street was restored in November.

Materials will be delivered for the WMR project the week of January 13, 2014. Work on the WMR project will start shortly after that.

Meter Installation Project -

The 2013 Water Meter Installation Project is complete. There are currently 795 meters installed.

The Water System Manager prepared a Request for Quotes (RFQ) for the 2014 MIP Materials project. The bid called for meter setters, meter boxes, and accessories needed to install the meters. The meters are purchased through a five year master purchase agreement awarded to HD Supply Water Works in 2011.

Surfside received bids from Ferguson Waterworks, HD Supply Water Works, and HD Fowler Company.

Ferguson Waterworks bid was the lowest bid (\$96,002.37) but their bid included a bid item that did not meet the specification identified in the bid documents. The bid documents called for a valve that meet the AWWA C800 standard¹. The valve that Ferguson submitted in their bid package did not meet that standard. Ferguson Waterworks bid was unresponsive in that they did not bid on specified items.

¹ This standard covers valves, fittings, service saddles, and meter setters for use in service line from the main through the meter valve or meter-setting appurtenance. Valves, fittings, and meter setters described in this standard include ½ in. (12.5 mm) through 2 in. (50.8 mm). Service saddles described have outlet sizes ½ in. (12.5 mm) through 2 in. (50.8 mm) and fit mains of 2 in. (50.8 mm) through 12 in. (304.8 mm). Valves include corporation stops and curb stops. Fittings include various types of couplings and adapters. Service saddles include various types of devices circumferentially attached to the main. Meter setters include various configurations of copper tubing, valves, and fittings for the holding of 5/8-in. (15.875-mm) through 2-in. (50.8-mm) meters. The purpose of this standard is to provide the minimum requirements for underground service line valves and fittings, including materials, design, inspection, and delivery.

HD Supply Water Works submitted the second lowest bid (\$98,535.92) The bid documents required the bidders to provide submittals for certain items with their bids specifically, the service valve, meter box, and meter setters. The purpose of the submittals was to verify the bidder's bid included items that meet all of the specified standards in the RFQ. HD Supply Water Works' bid did not include any submittals. HD Supply Water Works' bid contained a minor mathematical error. The error was corrected in the bid tabulation. HD Supply Water Works bid was unresponsive in that they did not provide the required submittals with their bid.

HD Fowler Company submitted a bid with an alternative. The bid documents specified two comparable meter boxes from different manufactures that the water system manager considered to be "or equal" products. HD Fowler provided bids with prices for both meter boxes (\$103,082.05) and (\$99,925.77). HD Fowler Company's bid included all required submittals and all submitted bid items meet specified standards. HD Fowler Company's bid is the lowest responsive and responsible bidder for the 2014 MIP Project Materials Bid. The water system manager has prepared Resolution 2014-01-02 for the Board of Trustees consideration at their January, 2014 regular meeting to award the 2014 MIP Project Materials Bid to HD Fowler Company for \$99,025.77.

Water System Plan - WAC 246-290-100 "Water System Plan" requires public water systems with one thousand or more connections to *"demonstrate their system's operational, technical, managerial, and financial, capability to achieve and maintain compliance with relevant local, state, and federal plans and regulations"*² and *"demonstrate how the system will address present and future needs in a manner consistent with other relevant plans and local, state, and federal laws, including applicable land use plans"*³ by *"submitting a water system plan for review and approval by the Department of Health"*⁴ and Once the plan has received Department of Health approval, the plans must be *"updated and obtain Department of Health approval at least every six year"*⁵.

Surfside's water system plan was last updated and approved by the Department of Health in 2008. It is due to be updated in 2014. The last two updates were completed under the direction of Gray and Osborne, Inc. Gray and Osborne has provided a very competitive quote to update Surfside's Water System Plan. The Scope of Work includes all of the required DOH planning elements delineated in WAC 246-290-100. The updated plan will be completed by the end of October and the work will continue until the DOH has approved the final plan. Gray and Osborne will be updating North Beach Water District's Water System Plan in 2014. There will be cost saving for Surfside

² WAC 246-290-100(1)(a)

³ WAC 246-290-100(1)(b)

⁴ WAC 246-290-100(2)

⁵ WAC 246-290-100(10)

in that site visits and meetings will be planned to reduce travel expenses for Gray and Osborne.

The water system manager has prepared Resolution 2014-01-01 "Approving A Contract for Professional Services With Gray and Osborne, Inc." for the Board of Trustees consideration at their January, 2014 Board meeting. The Total Estimated Cost of the Water System Plan in the contract is \$44,005.00. The 2014 Annual Budget for the Water System Plan revision is \$50,000.00.

End of Report



Water Department

Board Report – 2014 Meter Installation Materials Bid Tabulation - Revised 12/03/2013

| QTY | Description | Ferguson | | | HDD Supply | | | HDD Fowler | | |
|-----------|--|------------|----------------|-----------|------------|----------------|-----------|------------|----------------|-----------|
| | | Unit Price | Extended Price | Submittal | Unit Price | Extended Price | Submittal | Unit Price | Extended Price | Submittal |
| 390 | 3/4" X 12" Brass Nipple Sch. 40 | 10.50 | 4,095.00 | N/A | 8.53 | 3,326.70 | N/A | 8.67 | 3,381.30 | N/A |
| 390 | 3/4" Ford G11-33GNL Globe Service Valve FIPT | 10.00 | 3,900.00 | YES* | 28.09 | 10,955.10 | NO | 28.41 | 11,079.90 | YES |
| 390 | 6" Carson #708 Round Valve Box #07082005 | 2.25 | 877.50 | N/A | 2.30 | 897.00 | N/A | 2.08 | 811.20 | N/A |
| 390 | 6" Carson PTI LID #708 Marked "Water" #0784030 | 1.75 | 6,82.50 | N/A | 0 | 0 | N/A | 1.36 | 530.40 | N/A |
| 390 | Depth 07 Raven RMB 11 X 18 - 12 Meter Box | 28.50 | 11,115.00 | YES | 27.51 | 10,728.90 | NO | 27.50 | 10,725.00 | YES |
| 390 | Raven RMB 11 X 18 Poly Lid | 31.00 | 12,090.00 | YES | 31.00 | 12,090.00 | NO | 29.50 | 11,505.00 | YES |
| 150 | VHC72-9W-61-33-GNL Ford Meter Setter | 126.00 | 18,900.00 | YES | 123.43 | 18,514.50 | NO | 123.55 | 18,532.50 | YES |
| 250 | VHC72-12W-61-33-GNL Ford Meter Setter | 130.50 | 32,625.00 | YES | 125.67 | 31,417.50 | NO | 125.80 | 31,450.00 | YES |
| 25 | VCH72-15W-61-33-GNL Ford Meter Setter | 135.00 | 3,375.00 | YES | 127.91 | 3,197.75 | NO | 128.68 | 3,217.00 | YES |
| 2 | VHC77-77-12-41-77-GNL Ford Meter Setter | 698.00 | 1,396.00 | YES | 139.39 | 278.78 | NO | 731.11 | 1,462.22 | YES |
| Subtotal | | | 89,056.00 | | | 91,406.23 | | | 92,695.52 | |
| Sales Tax | | | 6,946.37 | | | 7,129.69 | | | 7,230.25 | |
| Total | | | 96,002.37 | | | 98,535.92 | | | 99,925.77 | |

Ferguson Bid:

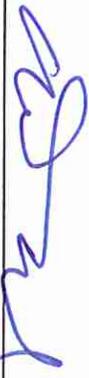
Fergusons bid is responsive. All items are bid and all submittals are included. Submittal on 3/4" service valve not approved. Valve does not meet the AWWA C800 specification and is not an "or equal" to the specified valve.

HD Supply Bid:

HD Supply's Bid is nonresponsive. All items are bid but no submittals were included. Bid contained a minor mathematical error.

HD Fowler Bid:

HD Fowler's Bid is responsive. HD Fowler's bid did not contain any exceptions. HD Fowler's revised their bid to include the Raven RMB meter box.


 William Neal, Water System Manager


 Date



Pacific County
 Department of Community Development
 PO Box 68, South Bend, WA 98586

COLIFORM BACTERIA ANALYSIS

| | | |
|---|---|--------------------------|
| Date Sample Collected <u>11 / 5 / 2013</u> Month Day Year | Time Sample Collected <u>6:30</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM | County <u>Pacific</u> |
|---|---|--------------------------|

Type of Water System (check only one box)
 Group A Group B Other _____

Group A and Group B Systems – Provide from Water Facilities Inventory (WFI):
 ID# 864704
 System Name: Seaside Homeowners Assoc.

Contact Person: Paul Spangenberg
 Day Phone: (509) 783-2393 Cell Phone: (602) 783-2397
 Eve. Phone: (509) 783-2393 FAX: (509) 783-5169

Send results to (Print full name, address and zip code)
Seaside Homeowners Assoc.
7402 N St.
Seaside, WA 98140

SAMPLE INFORMATION

Sample collected by (name): L. H. J. Hobbs

Specific location where sample collected: 1310 80th - street in
4' water at lot. Special instructions or comments:

Type of Sample (must check only one box of #1 through #4 listed below)

| | |
|--|--|
| <p>1. <input checked="" type="checkbox"/> Routine Distribution Sample Chlorinated: Yes <input checked="" type="checkbox"/> No _____ Chlorine Residual: Total <u>0.1</u> Free <u>0</u></p> | <p>2. Repeat Sample (after unsatisfactory routine) <input type="checkbox"/> Distribution System <input checked="" type="checkbox"/> Source Groundwater Rule (GWR) (Population of 1,000 or less) Unsatisfactory routine lab number: _____ Unsatisfactory routine collect date: _____/_____/_____ Chlorinated: Yes _____ No _____ Chlorine Residual: Total _____ Free _____</p> |
| <p>3. Raw Water Source Sample <input type="checkbox"/> E. coli – GWR source sample <input type="checkbox"/> Fecal – Surface, GWI, some springs <input type="checkbox"/> Other <u>S</u> _____ <small>Public systems must provide source number from WFI</small></p> | |

4. Sample Collected for Information Only
 Investigative _____ Construction / Repairs _____ Other _____

| | | |
|--|------------------------|--|
| LAB USE ONLY | DRINKING WATER RESULTS | LAB USE ONLY |
| <input type="checkbox"/> Unsatisfactory Total Coliform Present and <input type="checkbox"/> E. coli present <input type="checkbox"/> E. coli absent <input type="checkbox"/> Fecal coliform present <input type="checkbox"/> Fecal coliform absent | | <input checked="" type="checkbox"/> Satisfactory |

Replacement Sample Required:
 Sample too old (>30 hours) TNTC _____
 Improper Container Turbid culture

Bacterial Density Results: Plate Count _____ /ml. E. coli _____ /100ml.
 Total Coliform _____ /100ml. Fecal Coliform _____ /100ml.

| | |
|--|---|
| Method Code: MICR- <u>2720</u> | Date and Time Received <u>9:15 11/5/13</u> |
| Date Analyzed: <u>11/6/13</u> | Date Reported <u>11/6/13</u> |
| Sample Number (DOH number plus five digits) <u>1-2-12-41-76</u> | Lab Use Only |



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 Department of Community Development
 PO Box 68, South Bend, WA 98586

COLIFORM BACTERIA ANALYSIS

| | | |
|--|---|--------------------------|
| Date Sample Collected <u>11/12/2013</u> Month Day Year | Time Sample Collected <u>8:22</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM | County <u>Pacific</u> |
|--|---|--------------------------|

Type of Water System (check only one box)
 Group A Group B Other _____

Group A and Group B Systems – Provide from Water Facilities Inventory (WFI):
 ID# 2 6 4 7 0 4
 System Name: Seaside Home Owners Assoc

Contact Person: John Long
 Day Phone: (509) 654 4171 Cell Phone: (206) 983-231
 Eve. Phone: (509) 783-2393 FAX: (509) 65 5469

Send results to: (Print full name, address and zip code)
Seaside Home Owners Assoc
1402 H St
Seaside, WA 98640

SAMPLE INFORMATION

Sample collected by (name): John Long

| | |
|---|-----------------------------------|
| Specific location where sample collected: <u>#20319 backpale</u> <u>inced in series of 4.</u> | Special instructions or comments: |
|---|-----------------------------------|

Type of Sample (must check only one box of #1 through #4 listed below)

| | |
|--|--|
| <p>1. <input checked="" type="checkbox"/> Routine Distribution Sample Chlorinated: Yes <input checked="" type="checkbox"/> No _____ Chlorine Residual: Total <u>.01</u> Free <u>.00</u></p> | <p>2. Repeat Sample (after unsatisfactory routine) <input type="checkbox"/> Distribution System <input type="checkbox"/> Source Groundwater Rule (GWR) (Population of 1,000 or less) Unsatisfactory routine lab number: _____ Unsatisfactory routine collect date: _____/_____/_____ Chlorinated: Yes _____ No _____ Chlorine Residual: Total _____ Free _____</p> |
| <p>3. Raw Water Source Sample <input type="checkbox"/> E. coli – GWR source sample <input type="checkbox"/> Fecal – Surface, GWI, some springs <input type="checkbox"/> Other <u>S</u> _____ _____</p> | |

4. Sample Collected for Information Only
 Investigative _____ Construction / Repairs _____ Other _____

| | | |
|--|-------------------------------|--|
| LAB USE ONLY | DRINKING WATER RESULTS | LAB USE ONLY |
| <input type="checkbox"/> Unsatisfactory Total Coliform Present and <input type="checkbox"/> E. coli present <input type="checkbox"/> E. coli absent <input type="checkbox"/> Fecal coliform present <input type="checkbox"/> Fecal coliform absent | | <input checked="" type="checkbox"/> Satisfactory |

Replacement Sample Required:
 Sample too old (>30 hours) TNTC _____
 Improper Container Turbid culture

Bacterial Density Results: Plate Count _____ /ml. E. coli _____ /100ml.
 Total Coliform _____ /100ml. Fecal Coliform _____ /100ml.

| | |
|--|---|
| Method Code: MICR- <u>2720</u> | Date and Time Received <u>11/12/13 10:45</u> |
| Date Analyzed: <u>11/13</u> | Date Reported |
| Sample Number (DOH number plus five digits) <u>13112491</u> | Lab Use Only <u>11/12/13</u> |



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COLIFORM BACTERIA ANALYSIS

| | | |
|--|---|--------------------------|
| Date Sample Collected <u>11/12/13</u> Month Day Year | Time Sample Collected ____:____ <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM | County <u>PACIFIC</u> |
|--|---|--------------------------|

Type of Water System (check only one box)
 Group A Group B Other _____

Group A and Group B Systems – Provide from Water Facilities Inventory (WFI):
 ID# 864709
 System Name: SURFSIDE H.O.A.

Contact Person: G. L. GUNTHER
 Day Phone: (360) 783-2393 Cell Phone: (360) 783-2399
 Eve. Phone: (360) 665-2896 FAX: (360) 665-5469

Send results to (Print full name, address and zip code)
SURFSIDE H.O.A.
31402 H STREET
OCEAN PARK WA 98640

SAMPLE INFORMATION

Sample collected by (name): Gil Gunther
 Specific location where sample collected: HYDRANT CORNER OF 315TH & J AVE
 Special instructions or comments: OVER CRIST

Type of Sample (must check only one box of #1 through #4 listed below)

| | |
|---|--|
| <p>1. <input type="checkbox"/> Routine Distribution Sample Chlorinated: Yes _____ No _____ Chlorine Residual: Total <u>11</u> Free <u>04</u></p> | <p>2. Repeat Sample (after unsatisfactory routine) <input type="checkbox"/> Distribution System <input type="checkbox"/> Source Groundwater Rule (GWR) (Population of 1,000 or less) Unsatisfactory routine lab number: _____ Unsatisfactory routine collect date: _____/_____/_____ Chlorinated: Yes _____ No _____ Chlorine Residual: Total _____ Free _____</p> |
| <p>3. Raw Water Source Sample <input type="checkbox"/> E. coli – GWR source sample <input type="checkbox"/> Fecal – Surface, GWI, some springs <input type="checkbox"/> Other <u>S</u> _____ _____ <small>Public systems must provide source number from WFI</small></p> | |

4. Sample Collected for Information Only
 Investigative _____ Construction / Repairs Other _____

| | | |
|--|------------------------|--|
| LAB USE ONLY | DRINKING WATER RESULTS | LAB USE ONLY |
| <input type="checkbox"/> Unsatisfactory Total Coliform Present and <input type="checkbox"/> E. coli present <input type="checkbox"/> E. coli absent <input type="checkbox"/> Fecal coliform present <input type="checkbox"/> Fecal coliform absent | | <input checked="" type="checkbox"/> Satisfactory |

Replacement Sample Required:
 Sample too old (>30 hours) TNTC _____
 Improper Container Turbid culture

Bacterial Density Results: Plate Count _____ /ml. E. coli _____ /100ml.
 Total Coliform _____ /100ml. Fecal Coliform _____ /100ml.

| | |
|--|---|
| Method Code: MICR- <u>2720</u> | Date and Time Received <u>11/12/13 10:45</u> |
| Date Analyzed: <u>11/13</u> | Date Reported |
| Sample Number (DOH number plus five digits) <u>13712492</u> | Lab Use Only <u>11/15/13</u> |



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COLIFORM BACTERIA ANALYSIS

Sample Collected: 17 / 2013
 Time Sample Collected: 10:14 AM
 County: PACIFIC

Water System (check only one box)
 Group A Group B Other

Group A and Group B Systems - Provide from Water Facilities Inventory (WFI):
 664707

Name: SURFSIDE HOMEOWNERS ASSOCIATION
 Person: GIL GONZALEZ
 Phone: (360) 665-4171 Cell Phone: (360) 793-2393
 Fax: (360) 665-6785
 Address: 10245T AD PARK WA 98640

SAMPLE INFORMATION

Sample collected by (name): LARRY APRIL
 Location where sample collected: 30715 N PL OUTSIDE FAUCET
 Special instructions or comments: RAINING + BROCCY

Sample (must check only one box of #1 through #4 listed below)

1. Routine Distribution Sample
 Chlorinated: Yes No
 Chlorine Residual: Total Free

2. Repeat Sample (after unsatisfactory routine)
 Distribution System
 Source Groundwater Rule (GWR) (Population of 1,000 or less)
 Unsatisfactory routine lab number:
 Unsatisfactory routine collect date:
 Chlorinated: Yes No
 Chlorine Residual: Total Free

Sample Collected for Information Only
 Investigative Construction / Repairs Other

USE ONLY DRINKING WATER RESULTS LAB USE ONLY

Satisfactory Total Coliform Present and
 E. coli present *E. coli* absent
 Fecal coliform present Fecal coliform absent

Satisfactory

Replacement Sample Required:
 Sample too old (>30 hours) TNTC
 Improper Container Turbid culture

Bacterial Density Results: Plate Count _____ /ml. *E. coli* _____ /100ml.
 Total Coliform _____ /100ml. Fecal Coliform _____ /100ml.

Method Code: MICR-2320
 Date Analyzed: 12/17/13
 Sample Number (DOH number plus five digits): 3712540
 Date and Time Received: 12/17/13 10:40
 Date Reported: 12/18/13
 Lab Use Only: W13063258



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COLIFORM BACTERIA ANALYSIS

Date Sample Collected: 12 / 17 / 2013
 Time Sample Collected: 1:48 AM
 County: PACIFIC

Type of Water System (check only one box)
 Group A Group B Other

Group A and Group B Systems - Provide from Water Facilities Inventory (WFI):
 ID# 664707

System Name: SURFSIDE HOMEOWNERS ASSOCIATION
 Contact Person: GIL GONZALEZ
 Day Phone: (360) 665-4171 Cell Phone: (360) 793-2393
 Eve. Phone: (360) 793-2393 FAX: (360) 665-6785
 Send results to: (Print full name, address and zip code)
 SHOA
 31402 HST
 OCEAN PARK WA, 98640

SAMPLE INFORMATION

Sample collected by (name): LARRY APRIL
 Specific location where sample collected: 30715 N PL OUTSIDE FAUCET
 Special instructions or comments: RAIN + BROCCY

Type of Sample (must check only one box of #1 through #4 listed below)

1. Routine Distribution Sample
 Chlorinated: Yes No
 Chlorine Residual: Total Free

2. Repeat Sample (after unsatisfactory routine)
 Distribution System
 Source Groundwater Rule (GWR) (Population of 1,000 or less)
 Unsatisfactory routine lab number:
 Unsatisfactory routine collect date:
 Chlorinated: Yes No
 Chlorine Residual: Total Free

Sample Collected for Information Only
 Investigative Construction / Repairs Other

LAB USE ONLY DRINKING WATER RESULTS LAB USE ONLY

Unsatisfactory Total Coliform Present and
 E. coli present *E. coli* absent
 Fecal coliform present Fecal coliform absent

Satisfactory

Replacement Sample Required:
 Sample too old (>30 hours) TNTC
 Improper Container Turbid culture

Bacterial Density Results: Plate Count _____ /ml. *E. coli* _____ /100ml.
 Total Coliform _____ /100ml. Fecal Coliform _____ /100ml.

Method Code: MICR-2320
 Date Analyzed: 12/17/13
 Sample Number (DOH number plus five digits): 12712548
 Date and Time Received: 12/17/13 10:40
 Date Reported: 12/18/13
 Lab Use Only: W13063258