

Treasure Island Water System

Annual Membership Meeting Report
July 12, 2014

For the calendar year 2013, our three wells produced 13,189,073 gallons, which is 760K gallons higher than last year but within the averages for the previous 10 years. All time highest documented year was 2002 with 14,007,200 gallons pumped.

Water Samplings from July 2013 through June 2014 have been negative for any contaminants.

Each year we send out a Consumer Confidence Report (CCR) which, among other things, lists all the testing that is done each year. This report can also be found on our website.

Department of Health

2013 Sanitary Survey

On September 12th, 2013 the Department of Health, Office of Drinking Water (ODW) conducted a Sanitary Survey.

When we received the final report, one possible **Significant Deficiency** was listed along with one **Other Finding**.

The possible Significant Deficiency was researched and proven to not be a discrepancy. In our response to the Sanitary Survey, we requested it be removed from the report.

The Other Finding was related to our water pressure. According to the report, we are not meeting the 30 psi minimum pressure requirement in the distribution system. It is true we are not, but our system was not designed or built to obtain 30 psi. It was built to the then existing rule of 20 psi minimum pressure. In our response to the report, we stated as such and asked for it to be removed from the report as well.

The ODW has been slow to respond to our comments.

Water Meters – Total Installed – 175. Left to Go – 44

Last fiscal year, July 2013 to July 2014, a total of 64 meters were installed.

For the upcoming fiscal year, we will be purchasing 30 meters which will be the last major purchase for the metering project. This last order includes a couple spare meters for maintenance. We anticipate having all meters installed by this time next year.

Additional meters will need to be purchased as requests for new installations are received. We currently have 12 lots without water service.

During the course of installing water meters, we have come across many homeowner leaks. Most of them were in the vicinity of the old ¾" valves that we removed in order to install the water meters. There were some that, after installing the water meter, showed signs of a leak via the leak indicator dial in the center of the meter. This indicates a leak either in the member's line from the meter to the house or in the house. These were reported to the members who quickly repaired their leaks.

What's Next – After all the meters are installed the next part of the Water Use Efficiency Rule is to monitor our water system and record the amount of water pumped from our wells and compare that to the amount of water consumed by the members. We need to do this for 3 years to develop a rolling average. The difference between the amount of water pumped from the ground and the amount of water read on the member's service meters will determine our Distribution System Leakage (DSL). If we have 10% or less DSL then we are in compliance with the Rule. If we have a greater than 10% DSL then we need to start looking at our distribution mains to find the leaks.

Water System Renovation Plan

In October of 2012 the Board issued a request for proposal to engineering services to develop a twenty year plan to upgrade the water system. The engineering firm of Gray and Osborne was awarded that contract. The plan was developed in two phases. Phase A was completed in October of 2013 and Phase B was completed in April of 2014.

Commissioner Larry Grumme reported the final copy of Gray & Osborne's 20 Year Water System Renovation Plan was received. Larry recommended scheduling an Informational Meeting of the Membership to share and discuss the report and suggested inviting the engineer, Warren Perkins, to attend.

Maintenance and Projects

Vacuum Relief Valve – The air / vacuum relief valve was installed on December 19th by the TICC Water System. It is located on the west side of the center road in the easement between Lot#169 and Lot#171. Total cost was \$957.09 for parts and \$160.00 labor for a total of \$1117.09.

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