



Windermere Oaks Water Supply Corporation

424 Coventry Rd
Spicewood, Texas 78669

2014 Board of Directors:
Bob Mebane, President
Dana Martin, Vice President
Dorothy Taylor, Secretary/Treasurer
Jerry Ingham, Director
Jeff Hagar, Director

Open Board of Directors meeting held at the Windermere Oaks Water Plant: Saturday, October 15, 2016.

Board Members Present: Bob Mebane, Dana Martin, Dorothy Taylor, Jeff Hagar

Minutes

The meeting was called to order at 9:30 AM. A quorum was established with all Board Members present except Jerry Ingham.

Minutes from last meeting on August 17th were not available for Board approval.

Manager's report: George Burris reported:

The lab report in May which showed an elevated level of DBPs (disinfection by products) in our water was a clear indication of the need to revise the treatment process. The difficulty in solving this problem is because the chlorine combines with organic matter in the water to form DBPs, and it is chlorine that disinfects the water, which is the most important thing that happens in the treatment process.

While there are several approaches for resolving this dilemma, they typically require significant renovations to the plant, and are therefore expensive. However, because of the way this plant is configured, the solution turned out to be changing the injection point of the chlorine, in addition to aerating the water.

After making these changes, samples were taken by our operator in September to determine the results. Attached is a summary of the lab reports. Generally, the lab results show a 58% reduction in trihalomethanes and a 67% reduction in halo acetic acids. While these samples are not official (the sampling for DBPs is done by a TCEQ contractor), they are encouraging, and provide evidence that the changes are working.

With respect to lead and copper issues, samples were taken in September, as well. However, these results are official, and they also were below the acceptable limit. A summary of the lead and copper lab report is attached. You will see from a review of the results that the lead samples were well under the allowable limit, but the copper samples were also below the limit, but not by as much.

The expectation is that the chemical, which is now being included in the treatment process will take some time, perhaps another 60 to 90 days, before it is effective in reducing the copper levels. Nevertheless, these results are below the maximum allowable, and no additional actions will be required until next year.

Other Developments:

- Two water taps were installed in September: 413 Bedford, and 145 Piper Lane.

- A customer's plumber called to say he could not shut off the water at 336 Coventry. It was discovered that there was no valve at the meter. A new shut off valve was installed.
- A plumber working at the Windermere Hangar four plex also was unable to shut off the water in order to make repairs. In this case the valve at the meter was defective. The valve and the meter were replaced, and a valve was installed on the customer's side of the meter.
- The main chlorinator for the water plant malfunctioned and had to be overhauled.

Disinfection By Products (DBPs)

<u>Constituent</u>	<u>Max Limit</u>	<u>May Results</u>	<u>Sept. Results</u>
Trihalomethanes	80 ppb	65 ppb	27 ppb
Haloacetic acids	60 ppb	58 ppb	18.6 ppb

LEAD AND COPPER

<u>Sample Number</u>	<u>Lead</u>	<u>Copper</u>
	<u>Max Limit</u>	<u>Lab result</u>
		<u>Max limit</u>
#1	.015 mg/L	.17 mg/L
#2		.066 mg/L
#3	<.0010 mg/L	.42 mg/L
#4	.0029 mg/L	1.1 mg/L
#5	<.0010 mg/L	.9 mg/L

George reported a failure of the old clarifier, a rusted shaft that attaches to the rake. Need to drain, sand blast and either refurbish or replace.

Jeff Hagar brought up the need for strategic plan so the Karri can adjust Budget to see what is proper allocation of dollars for future needs.

Review of Tennis Village lift station: George shared rough numbers for some options to address Tennis Village lift station changes needed based on Engineer recommendation. Also discussed option of individual or cluster of grinders as well as another tank upstream with screen.

Review of financial reports: Karri Gibson gave a review of the Sept summary of financials. Stated preliminary 2017 budget ready in a week.

Website: Discussion of new website and costs to set up. Need further discussion with Dave Embrey to see workings with his existing billing system. Costs discussed were: \$750. to upgrade billing software, \$200. set up and \$367. Annual fee.

Donation: Bob Mebane discussed WOWSC making donation to Central Texas Water Coalition. Jeff Hagar made a motion to make a \$2,000. donation, seconded by Dana Martin. Board voted to approve. Dorothy abstained from voting.

Easement: Dana mentioned possible easement needed re: water runoff on the south end of the old boat parking area and her discussion with Mr Van Eman. No Board action at this time.

Board went into Executive Session to discuss past due accounts and procedures.

Board came out of Executive Session and with no other business. Jeff Hagar made a motion to adjourn, seconded by Dana Martin, unanimous approval of all board members present. Meeting adjourned at 12:00 PM

APPROVED BY WOWSC Board on November 19, 2016

A handwritten signature in cursive script that reads "Dorothy Taylor".

Billing Questions: (830) 598-7511 Ext 1
Water or Sewer Emergency: Phone (830) 598-7511 Ext 2