



Louviers Water and Sanitation District

Minutes of the Regular Meeting – February 12th, 2019

Board Members

Ron Beane
Becca Connet
Joe Neu
Matt Collitt
Andy Dunn

Audience:

See attached sign in sheet

Regular Board Meeting

- I. Call to Order – The meeting was called to order at 18:30.
- II. Introductions – Ron Falco, Laura Cymansky and Kristy Richardson with the Colorado Department of Public Health and Environment (CDPHE) were introduced.

III. Radium Questions and Answers Session –

LWSD new well has been determined to be out of compliance with levels of radium set at 5 pCi/L for Combined radium-226 and radium-228 per the quarterly sampling required by CDPHE. The range was from 3.3 pCi/L to 9.8 pCi/L. Levels have hovered at 6 pCi/L after 4 quarters of monitoring. The CDPHE will require quarterly notifications if still out of compliance. CDPHE stated that bottled water is not monitored by the FDA and that radium levels are not monitored. Most major brands use reverse osmosis. Check the labels on any bottled water. To reduce radium exposure do not drink, do not use the water for cooking, soups, use a humidifier and limit vapor in the shower. Radon may also be an issue, so it was recommended that individuals get their houses tested. CDPHE will be a resource for LWSD to indicate possible funding. LWSD is and will continue to seek help if available. There is no set time frame for remediation. A year would be considered reasonable. The Radium level for the new well was high when first drilled though came quickly into compliance. Level continued to go up and down eventually resulting in the Public Notification.

Where to go from here – Continued Monitoring, if levels stay high it may result in an “Enforcement Order” from CDPHE. CDPHE has not yet issued a fine to a municipality that is working to comply. LWSD is engaged.

LWSD will work to get into compliance by the end of 2019 and is actively exploring options to remediate radium levels.

Options- Blending wells, treatment technologies, drilling of a new well, connecting to another municipality. Removal of 90% of Radium is possible. Left over product of treatment may be expensive to dispose of.

Questions –

Background information on Radium: Radium is naturally occurring due the decay of uranium and is present everywhere. While more common in mountain areas LWSD is not alone. There are currently 60-70 communities experiencing similar problems.

What is the toxicity of Radium – chronic vs. acute? Acute is short term. Chronic is lifetime.

Can I be exposed through the shower (inhaling the mist)? Radium is a particle and not a gas. Limit opening your mouth while showering and ingesting water. Do not drink from the toilet as well.

Can I water my vegetables? Flowers yes. Advise against vegetables. It is also advised to elevate gardens with new soil from outside reliable source due to the fact that if there is an indication of radium, radon is also most likely present.

Has it always been in the water? Yes.

Are animals ok to drink the water? There is not much information concerning animals and radium. Consider using outside water.

Will it cause cancer? Consult your health care provider.

Do our current filters filter the radium out? (House filters on fridge and point of entry house)? Carbon filters are not that efficient at removing radium. Reverse osmosis and Ion exchange filters are a possibility.

Are there filters we can buy? Look for filters that specify NSF – 58, 44, 53 and 62. Consult the manufacturers information.

If compliance comes in will treatment options stop? Possibly.

Is Radium Common? It varies.

Will boiling water help with Radium? No.

Will personal blending be considered? Due to the nature of testing, blending at the house level will not be a feasible option.

Will there be issues with sediment in hot water heater? Possibly.

What solutions have worked? A variety of solutions: Drill other wells, blending of current wells to bring level into compliance, green sand, reverse osmosis.

Any success stories? Monument was successful with blending of several wells. Sterling was successful with reverse osmosis though it creates a lot of waste.

Is there option for treatments within the house? An under sink reverse osmosis is an option for individual households though not likely a system solution. A whole house was not recommended due to the process increasing corrosiveness and creating issues for plumbing systems.

Will we have higher water bills? – It is a possibility.

Where are the radium levels checked? “Compliance Point” is where the water enters the distribution system. In LWSD case the water enters the distribution system immediately from the well.

Can we test at the tanks in addition to the wells? – It is option for the District though not for CDPHE and will most likely have similar levels.

How long to drink bottled water? CDPHE stated that there is not a mandate from them to drink bottled water and if a resident considers themselves to be at risk to consult their doctor

IV. Audience Participation - See notes above.

V. Tentative – Radium Treatment options – Nothing currently. TST, the District Engineer is exploring options.

VI. Approve Minutes from the January 8, 2019 Board Meeting – Approved with the amendment of to the cash position.

VII. Disbursements – The Board reviewed the Check Detail report presented by Director Connet in the amount of \$17,375.48 which includes check numbers 2780 to 2798, two debit card transactions in the amount of \$116.52 and an EFTPS payment in the amount of \$183.60. Disbursements Approved.

VIII. Resolution Establishing the date, time and location for regular board meetings. (Resolution 2019-2-1) Approved Unanimously.

IX. Approval of letter for single Household – Tabled.

X. Loan Resolution – Approving Principal Forgiveness Loan for approximately \$113,00.00. (Resolution 2019-2-2) Approved Unanimously.

XI. Board Discussion – Insurance audit. Wayne was not covered for workman’s comp and now is.

XII. Adjourn Meeting – 20:19.

President: _____

Attest: _____

Board Meeting Sign In LWSD 2/12/19

Name

Bron Falco CDPHE

Laura Cymansky CDPHE

Kristy Richardson CDPHE

~~Roger L Thomas~~

Rebecca Cornet

~~Mike~~ Schulling & Company Inc.

Diana Miller DM Small Systems LLC

Beverly Troop

Betty Oblander

Wynne D. Hander

Frank Kindell

JASON OLJNICZAK

IAN TOYETT

J. OSS

Keith Rennington

Tal E. Binger

Jamie O'Hara

Shane O'Hara

Thomas Halverstadt

BRITTLEEE DUNN

Andy Duen

Kim Cashman

Chris Anderson

DON GATTONI

WES Hounshell

Robert Snyder

Frazer Snyder

Carol Faykosh

JAKE KENNEDY

Janet Beane

Tracy Hanson

Louis + Jennifer Smith

Carmen Hounshell

JASON INGENTHRON