

# LOST LAKE UTILITY DISTRICT – Water & Sewer Management

Established 2007



Summer 2022

## LLUD – BRINGING YOU UP TO DATE ON YOUR UTILITY DISTRICT NEWS

If you have ever driven past the POA office and wondered what was behind the chain link fence near the office well, wonder no more. That is a sand filter system. There are two filters, aptly named Sand Filter #1 and Sand Filter #2. This system was built and put into service in 2009. The LLUD is now at the point where Sand Filter #1 needs to be replaced. While this is being done, Sand Filter #2 will be handling all the effluent (wastewater). Pictured below is both sand filters with the one in the foreground in the midst of being replaced.

PICTURE HERE

Here is a simplified explanation of what a sand filter system is:

A pit is layered with specially sized gravel and a specific type of sand. Within these layers is a network of small pipes. Effluent is pumped under low pressure through these pipes in controlled doses to insure uniform distribution through the gravel/sand bed. The effluent then trickles down through the gravel/sand where microbes help breakdown the effluent before it exits through a drain pipe.

The replacement process will involve:

1. Diverting all of the wastewater to filter #2, while letting all the water drain from filter #1.

2. The dosing pipes will need to be removed during this process.
3. Our contractor will excavate the dry sand out of the filter.
4. We will then remove the drain tile, framing and liner.
5. The side walls of the filter will need new 1/2 inch plywood framing before the new liner is installed.
6. The liner will be installed which weighs a whopping 1600 pounds so will be quite a beast handle.
7. Install a new drain tile
8. Fill with the special sand
9. Install new dosing piping
10. Add more sand on top of dosing pipes
11. Turn water flow back on to both filter #1 and #2

We hope to have this entire process completed by the end of summer so when you see a lot of activity at the sand filters, you will know what is happening.

Another project in June is replacement of a 14-year-old pump and motor at the well house. These are not run of the mill pumps and motors. These pumps help keep us all in water coming and going from our water tower. We will have the old pump repaired/reworked and keep on site as a back-up in the event any of the pumps go out.

The LLUD is constantly being vigilant for the needs of our aging water and sewer system. We must plan carefully while scheduling these projects and at the same time be prepared when an unplanned, urgent repair needs to be done. We hope to keep those unplanned repairs at a minimum.

We are also in planning stages of how best to address the needs of our aging water tower and the need for some tower painting. The last time the tower was painted was in 2007.

Another project on our to-do list is the updating of water meters.

## Coming this Fall:

**WATCH YOUR MAIL FOR EPA SURVEY IMPORTANT – 100% compliance required**

Please watch your mail this Fall for a survey regarding the pipes in your household. This survey is mandated by the State and requires 100% compliance from all households. By replying to the first survey that is sent out, you will help the LLUD avoid the cost and time of sending second or third requests for compliance. Recently an infrastructure bill was passed by the Senate to replace all lead pipes so this is a way to determine what communities and homes are impacted. More details will follow this Fall.

## GOING ON VACATION?

Will you be out of town when your utility bill is due? No one likes to pay late fees! You may make provisions to prepay, pay online through the LLUD.org website by following the prompts. Or pay over the phone at 877-885-7968. You will need your account number if using either of these services.

## Water Quality Report

Our most recent Water Quality Report (Consumer Confidence Report) was released on 5/17/2022 for the calendar year 2021. It is available at the LLUD.org website.

## HYDRANT FLUSHING

Hydrant flushing will take place in August. Watch the kiosks at the gate for notices. Also, phone message blasts will be sent out regarding the flushing. **Please, make sure the LLUD has your correct phone number so you will be a recipient of these important phone blasts.** In some cases, residents have not given any phone number to the LLUD. Please, check if you have done this.

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