

# Voluntary Water Reduction & Super Chlorination



**WE HAVE A DATE!** The divers will arrive on Thursday, August 29th, 2024 to start working on the reservoirs.

**In order to avoid a Public Drinking Water Advisory, we need to follow certain protocols for having equipment enter an in-service reservoir.**

**Buckle up, it's about to get technical.**

**First**, the diving equipment, including any robotic equipment and cameras, must be sanitized with a high-concentration bleach solution.

**Second**, the water in the reservoir must be chlorinated to a free chlorine residual of at least 2.00 mg/l (milligrams per litre is practically equivalent to "parts per million"), which is approximately double our normal chlorine level, which we keep at around 1.05 mg/l. Although these levels are perfectly safe for consumption, it will probably be noticeable, so if you're particularly sensitive to that kind of thing, we recommend having drinking water stored in jugs, etc., or finding some means of reducing the chlorine in your drinking water (a charcoal filter, Brita, or similar). Also, this is the wrong week to change the water in your aquarium, your fish won't appreciate it! **We'll start extra chlorination on Monday the 26th before the divers arrive**, to make sure that everything is at level when they start work. There are two days set aside for cleaning the main reservoir and the west reservoir, and after the divers are finished we need to maintain high chlorine levels for at least another twenty-four (24) hours, or until requirement three is met.

***High chlorine levels can be expected from Monday, August 26th to Thursday, September 5th.***

**Third**, after the cleaning, Water Security Agency (WSA, the government branch that regulates municipal water systems) has to see a certain number of negative bacteriological samples to confirm the disinfection process, after which we can return chlorine levels to normal.

After the distribution reservoirs are looked after, we'll move on to the raw water system on Saturday and Sunday, and get our wonderful spring water flowing again.

***Thank you for your cooperation!***

# Water System & Chlorination



Starting **Monday, August 26th, 2024**  
*extra chlorine will be added to the water system.*

## Divers Work Start Date:

Thursday, August 29th

## Sanitizing Equipment:

All equipment entering the reservoirs must be cleaned with a strong bleach solution.

## Chlorinating Water:

- Increase chlorine level to 2.00mg/l (about double the usual level)
- Water might taste or smell stronger
- Store extra drinking water or use a filter if sensitive to chlorine
- Avoid changing aquarium water during this period
- Extra chlorination starts Monday, August 26th
- Maintain high chlorine levels for 24 hours post-cleaning.

## Testing & Normalization:

- Water Security Agency (WSA) will test water after cleaning.
- Return chlorine levels to normal after WSA approval.
- Flush fire hydrants to help clear the system, but some areas may still have higher chlorine levels.

## Chlorine Level Duration:

Elevated from Monday, August 29th to Thursday, September 5th.

## Raw Water System:

Cleaning on Saturday and Sunday after reservoir work to restore spring water flows.

***Thank you for your cooperation!***