

# 2025 Water Plan

This is just the outline of how I think we can do water in 2025, based on everything I remember from 2024.

## Gayflower

The Gayflower can basically be treated as it's own unit unconnected to anything else:

- Water in the Gayflower is for showers and toilets
- Grey and Black tanks in the Gayflower are for the showers and toilets

If we can replace the smelly old IBC tanks in the Gayflower and get clean water from Gerlach, we should also use the Gayflower water through a hose as camper canteen filling water.

## Food Fort

For 2025 we'll run the Food Fort directly off of Sierra Site Services fresh and grey tanks.

- For fresh water, we'll order a 500 gallon tank and pre-order another refill for a total of 1000 gallons.
  - We'll have their pump directly connected to the two kitchen inlets (sink and ice) and we will bypass the food fort fresh tanks completely. Essentially the kitchen will be permanently connected to fresh water and pressurized from the SSS pump.
- For grey water, we'll order a 250 gallon tank and pre-order daily pump-outs.
  - We'll put their grey water tank right below the food fort and directly open the food fort's grey tank into it. This will require a small adapter for the outlet, and might also require that we install some kind of sump pump.

As a backup plan if we don't like the taste of the Gayflower water again, we can get fresh water for canteens/drinking water from the SSS tank, too, but this is more expensive.

## Layout

This allows the Gayflower to be placed anywhere, but the Food Fort needs to be placed close to the SSS tanks and thus near the street or fire lane.

- If we find ourselves generating grey water from the kitchen faster than SSS pumps it out, we can use the kitchen's own grey water tanks for 100 gallons of overflow. Otherwise we will have to hopscotch water over to the Gayflower black water tank which will have some extra room.
- If we run out of SSS water we can bring a hose over from the Gayflower
- If the Gayflower runs out of water for showers or toilets, or the grey/black tanks fill up, we stop having showers and toilets.

## 2026 And Beyond

1. Let's get some inline water meters to better judge how much water we're using
2. Ultimately I'd like to get the SSS usage down to zero and rely solely on the Gayflower. It's way cheaper that way.

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