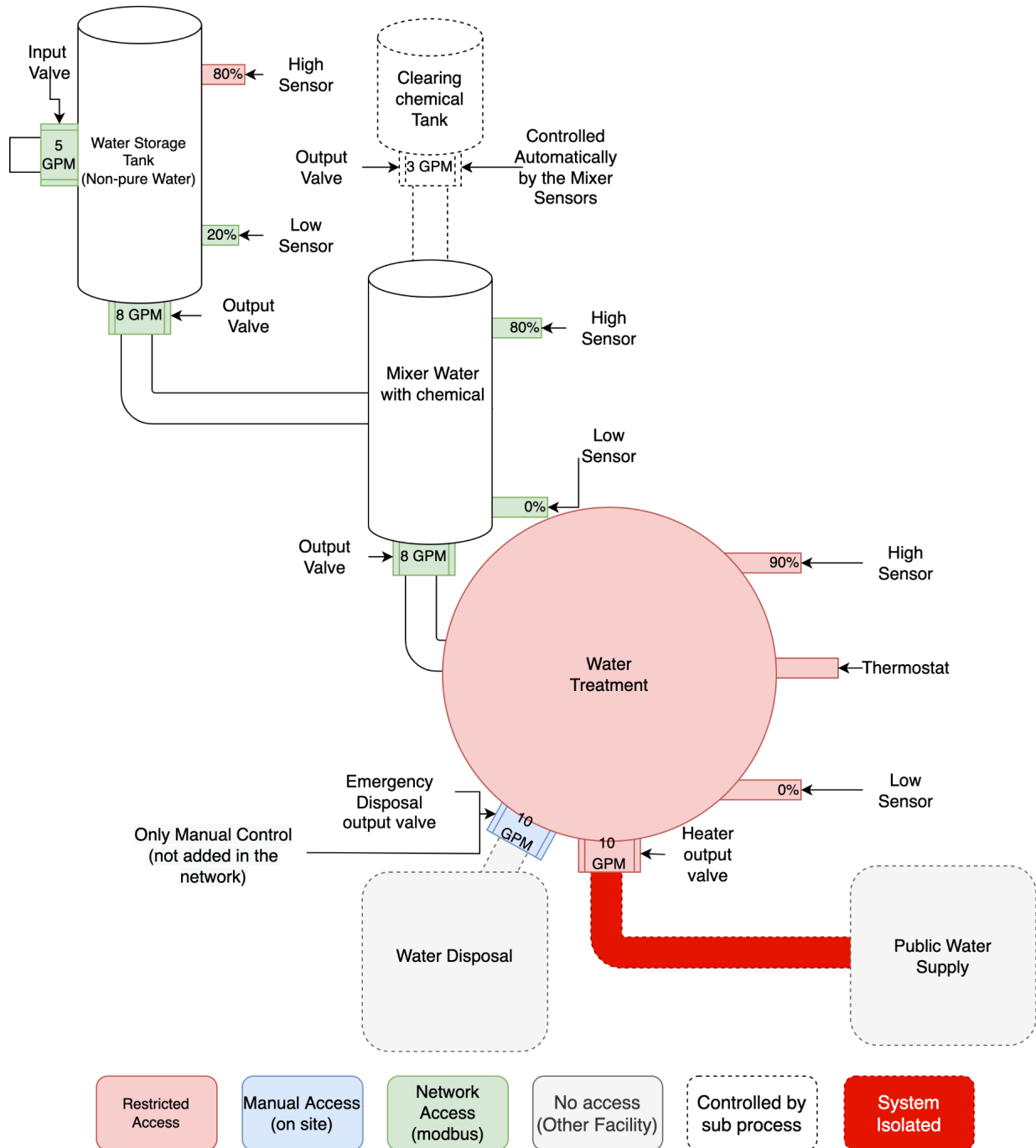


# Water Treatment Facility

The diagram below describes the water treatment facility layout. Moreover, we have added information regarding its current state based on what our incident response team managed to understand about the system.

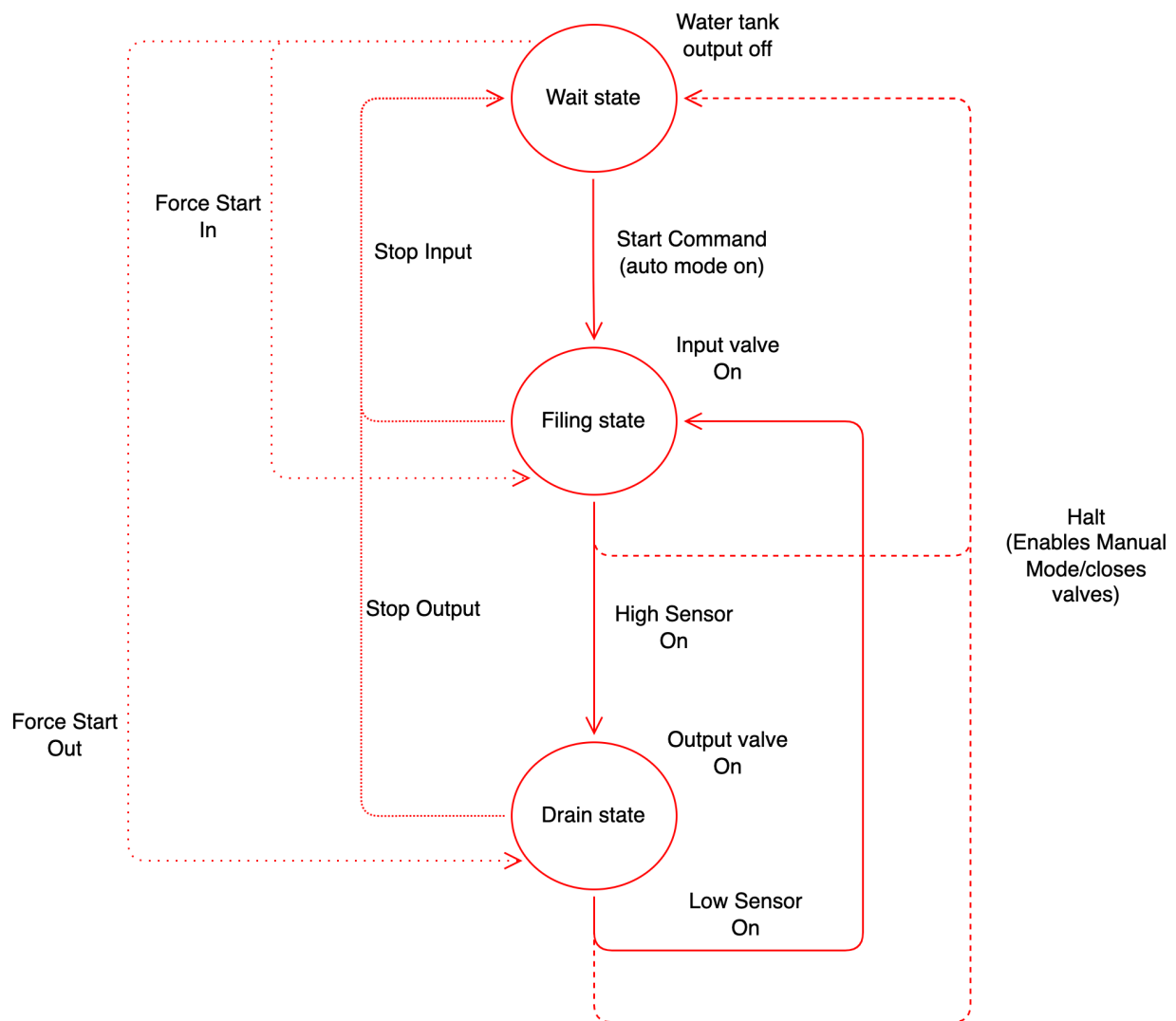


# Logic

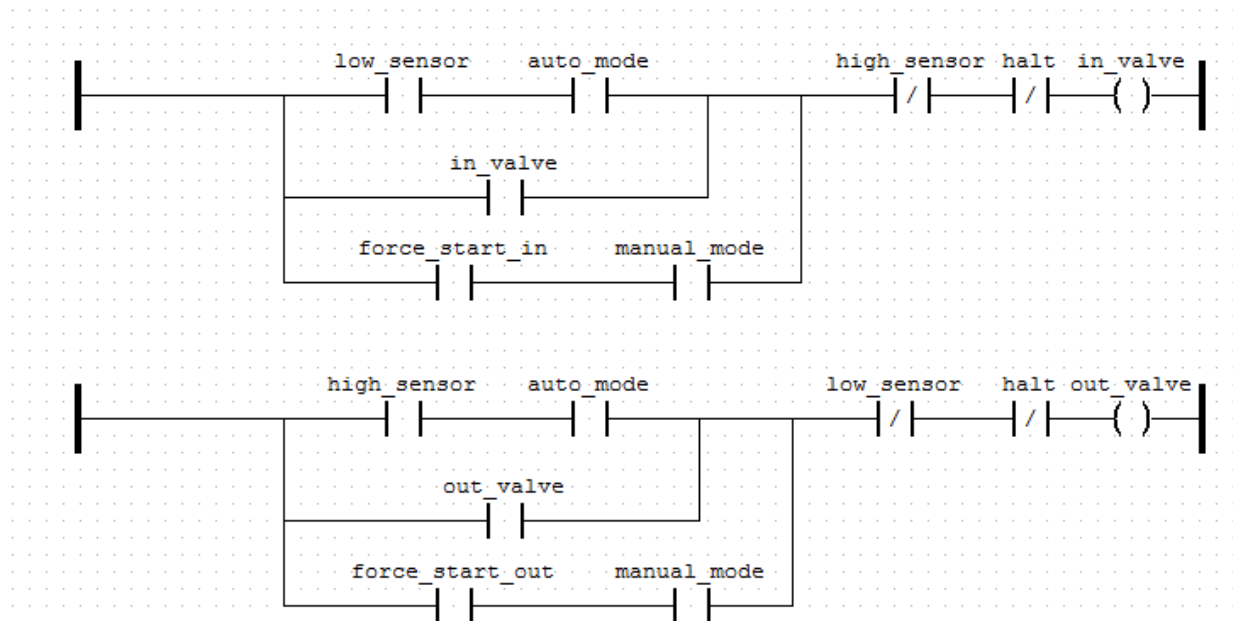
This section contains the logic of the PLCs in the facility. The original files are missing and we are unable to recover the logic from them so we have to draft some state diagrams.

## Water Storage Tank

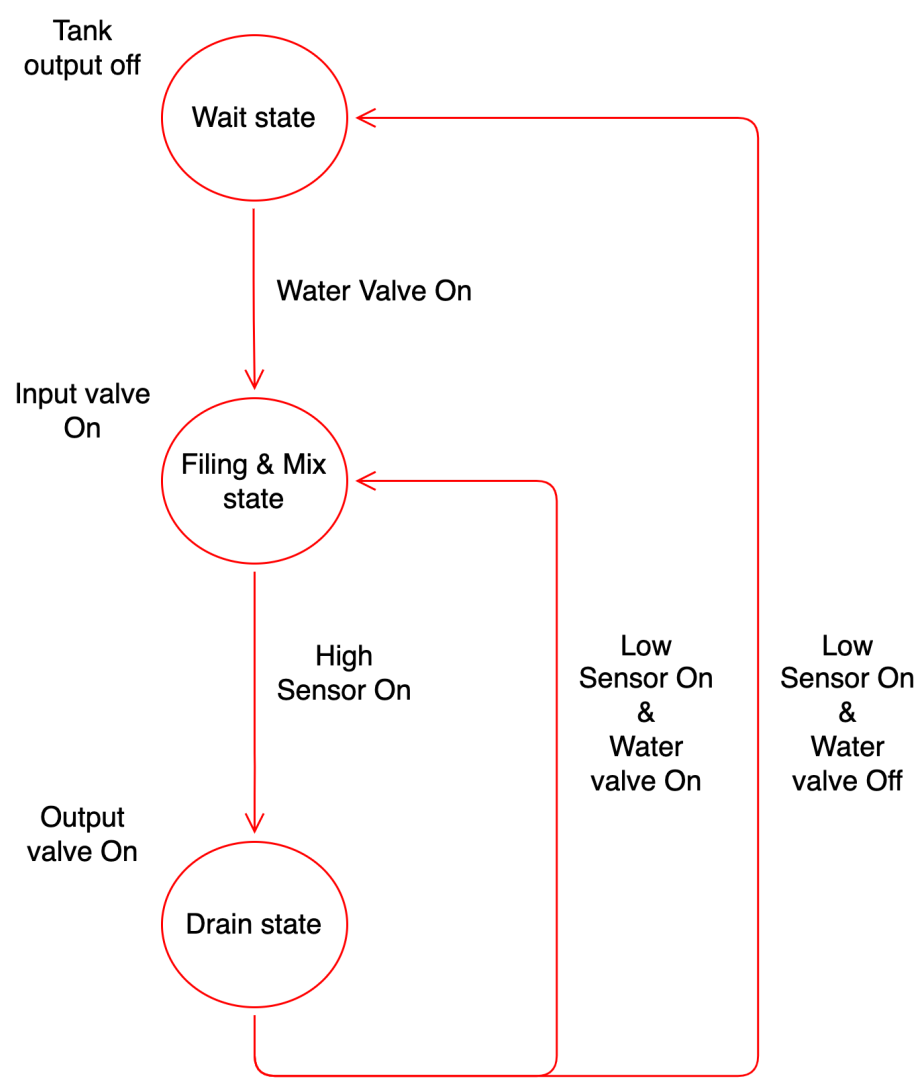
### State diagram



## Ladder Logic of Valves



# Mixer Tank



# Remote Lab Layout

The HMI interface and remote network interface are unresponsive but you can remotely access via **netcat** the low-level command-line interface used in the serial network. The diagram below contains all the information you might need regarding the setup the field team has prepared. Be aware some functionality might be limited or unresponsive but you need to find a way to achieve the objective. Try to create as low traffic as possible to avoid putting additional stress on the system, don't write multiple values, and identify the correct PLCs first. Remember we need a clear path for the water with no bottlenecks.

