

Norris Beach
Extra Service Valve Information
July 13, 2017

An additional service valve located at the holding tank is not a system requirement.

- The on-lot system is designed with a check valve system to prevent sewage from backing up from the collection system into the tank or home. For extra safety and redundancy, the design requires two check valves within the tank (a check valve in the quick pump connection at the tank as well as a check valve in the service line just inside the tank), essentially providing double protection.
- The cc valve is a shut off valve that needs to remain “normally” open to allow water to be pumped from the tank into the collection system; therefore it does not prevent effluent from entering the tank during normal operation. The intent for this valve is to be able to isolate (or shut off) the service line for the purpose of system repair or maintenance and it must be manually closed with a special key (wrench). Another purpose could be to isolate the service line and tanks during the winter for seasonal users, as an additional level of protection.
- The cc is to be located at the property line to allow the municipality to operate it from public property. The only advantage of having an additional cc valve at the tank would be to simplify winter shut-down for seasonal users (i.e. lot owners could shut the cc on their own rather than having the SV operators do it for them). This is not a system requirement and would be an additional cost at the discretion of the home owner.