



Policy on using a siphon for pressure dosing

This policy is intended to define requirements for onsite wastewater treatment systems (OWTS) designs and installations using when a siphon is being used for pressure distribution. The following items must be defined in the design document:

- A hydraulic grade line calculation that shows the elevation difference required to achieve pressure dosing between the siphon shut off fluid elevation and the crown of the lateral.
- Provide to BCPH with what the final squirt height of the terminal orifice will be in the laterals.

BCPH **will** require demonstration that the siphon is functioning independently to receive final approval.

BCPH **may** require a “pressure test” at our final inspection so we can see that a MINIMUM 2-foot squirt height is achieved from terminal ends of laterals (squirt height up to 6-feet is acceptable; 4-feet to 6-feet is desired).

For additional information or questions, please contact:

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