



Town of Redding
Health Department

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296 Ethan Allen Hwy Comments

1.23.21

Plans dated 9/14/21, 9/15/21, and 9/25/21 drawn by Ralph
Gallagher Jr. & Associates

Reviewed by the Redding Health Department

Comments are as follows:

The proposed gallons per day requires this plan be reviewed and approved by the CT Department of Public Health.

The Ct DPH Drinking Water Section must review and approve the proposed increased draw on the water supply. What is the current well yield? The well must be able to provide adequate yield to satisfy usage/demand. Well setbacks will increase substantially if the withdraw rate on the well is 10gpm or more.

The restaurant septic leaching area needs additional soil testing.

The restaurant waste line should be divided so black water by-passes the grease trap and the grey water feeds directly into the grease trap

All waste lines and distribution lines under the parking lot or under vehicle travel should be sleeved.

Does the restaurant system need to be a pump system? It seems to be an in-grade system.

How many bedrooms in the apartment? Kitchen is assumed (100gpd). This affects the total gpd figure.

Clarify 40 meals in the restaurant is the only usage. Is there a banquet/catering area, breakfast area.

Need percolation test data.

The septic installer will need to know how to install the Curtech units to H-20 specifications. This should be on the plan.

Seeing that a pump is needed for a portion of the hotel waste water, a leaching system with better storage capacity should be considered.

Peer review comment brings attention to the parking lot light posts on the islands likely on top of the Mantis leaching system is of concern. The egg crate construction of the Mantis system is crushable.

Concerning the catch basin 42' feet from the leaching system on the south side of the property, it's difficult to determine after the installation of the septic and with the parking lot pitched for drainage, it might be down gradient of the septic.

Doug Hartline, RS

Redding Health Dept