

December 14, 2020

RE: All for One One for All, 221 Craigville Road, Goshen New York 10924

In response to Mr. Gerard F. Boss Jr. and Mrs. Ruth Anne Boss letter received by the Town of Goshen Planning Board on December 9, 2020, I would like to respond to concerns for the application as it relates to the wastewater system.

In paragraph one, our system is not using the existing leach field that seems to be the current source of irritation. Our new system will treat the influent to a level that can be used for irrigation and other permissible activities on site. Any disposal of our treated effluent will be according to DEC and County recommendations and requirements.

Our system is in operation in over seven countries and we have over two hundred operations with most of our plants operating in the sanitary sector. We currently have zero operations in the State of New York, but our plant will have a licensed New York sanitary operator. Our system will remove ninety percent of the organics, eighty percent of the suspended solids, seventy percent of the ammonia nitrogen and sixty-five percent of the phosphorus. The remaining parts remain with the waste stream and are readily available for uptake by the plants and trees. Our system helps prevent the overloading of nutrients and contaminants in the soil, unlike the existing septic system and leach field systems.

Our plants have back-up pumps in case of a pump failure, and we monitor an active interface with our system which sends us alarms if the plant is operating out of specs. In case of complete failure of our treatment system, our design allows for the flow of the primary treated effluent to be held until the system is back in operation.

Our system is operated in an aerobic condition, so there is no anaerobic septic smell. Also, our system treats the effluent in four hours, decreasing the need for influent storage. We currently have septic systems treating waste streams in both the deserts of California and in the frozen cold of Antarctica.

Our system is a natural chemical free way of treating waste streams that has been occurring in nature for thousands of years. Our system is environmentally and economically friendly.

If you have other questions about our design or treatment systems, please let me know.

Sincerely,

Mark Dodd  
Business Development Manager