

5/23/2022

On the above date an inspection of all non-Advantech parts of the TimbrShor septic Systems was conducted. In general the systems are in good working order but listed below are some things for consideration

House # 201- Can't check filter, check sludge, or test alarm (if there is one) due to a rock landscaping wall over the lid. Owner should rebuild the wall or have landscapers do so. When wall is re-built we could add a 4" riser and lid.

Pumps at Drainfield B and 311 drawing high amps- My suggestion is leave them alone as long as they are still working.

The septic tank and lift station that services 312, 314, 315, & 316 and is down over the bank by the Lake is extremely difficult to access. It appears to be about a 1000 gallon septic with a pump inside the small building. We were able to operate the pump and it sounds good but no control panel so can't check the amps. There is an extremely thick heavy concrete lid over the outlet of the tank which can't be lifted off manually so couldn't check for a filter. It has an alarm on the outside of the building and it is now working so if there was a malfunction of the pump there would be a warning.

The tank has about 18" of sludge in it. Pumping the tank could be done, during low water in the spring or late fall, by backing a small pump truck in as far as the new stairs and with about 150 ft of hose it could be. Pump trucks normally don't carry that much hose so it would be a special or joint operation. Pumping should be considered for this fall or next spring but the brush would have to be cleaned out first. The door to the building is very difficult to open and close.

My suggestion is to leave everything alone for now but the brush should be cleaned out in front of the building and up around the tank to improve access and thereby allow monitoring. Monitoring should be very easy once the brush is gone and should be done monthly during the summer when there is considerable usage. Just look around the building and up on the tank for any signs of overflow. If overflow is evident call us, or some repair service, immediately. Repairs, upgrades, or replacement would be very difficult and very expensive. If the pump ever fails the system in the vault in the building will need to be re-plumbed, re-wired, and controls added.

There are several locations where it appears there is an alarm but when tested we were unable to hear it since the alarm must be inside. **At 201** lack of a working alarm could result in a problem inside. The others would most likely only result in ground surface flooding so there is no need to be concerned about them.

If you have questions, please let me know.

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