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February 4, 2010

Nelda M. Rolfe
Holton Bowl
740 W. 6th
Holton KS 66436

Dear Nelda,

As requested by Vic Montgomery, Kansas Dept. of Health and Environment, Lawrence, I visited yesterday to discuss issues concerning your lagoon system.

I understand the problem is a potential bypass from a clean out due to a problem with the line to the lagoon. The problem with this pipe could be one of several such as being plugged with grease, or the lagoon is too full of sludge to allow water to flow into the lagoon. It may also be a broken pipe. After looking over the system we came up with four options; after discussion with your plumber, we have five options.

The first option does not require an engineer. Clean the lagoon and make sure the pipe is open so waste can flow into the lagoon. We discussed disposal of sludge and the compliance with 503 regulations if it is applied to land.

The second option is to clean the lagoon and then add a grinder/sewer pump to transfer waste to the lagoon. This may require design consultation due to the lagoon being a permitted system.

Another option is to add a septic tank and flow the treated wastewater to the lagoon with the sludge removed. An engineer may be required.

The fourth is to add a new cell or lagoon. This would likely require professional design.

The last option discussed by phone with your plumber was to add the grinder/sewage pump – and not clean the lagoon. Professional design may be required.

I recommend that you contact Vic Montgomery to discuss these options. I am copying him with this letter.

I also provided a bypass form that is required to be submitted to KDHE for any bypass of waste from a permitted wastewater system.

Please call if you have any questions.

Sincerely,

Charlie Schwindamann
Wastewater Tech

CS: ejr
C: Vic Montgomery, KDHE Lawrence