



February 28, 2005  
Report #020528bA

**PROPERTY ADDRESS:**  
**2101 STREET ROAD**  
**NEW HOPE, PA**  
**COTTAGE HOUSE**

As requested, Perna Wastewater Management conducted an inspection of the on-site septic system at the above captioned property. The inspection was an objective evaluation of the components that were accessible at the time of the inspection. Based on our observations, the following information was obtained:

**BACKGROUND AND OBSERVATIONS:**

The septic system appears to consist of two cesspools. The cesspool is a porous structure made of block/stone which collects and clarifies the wastewater from the dwelling while filtering the water into the surrounding soil. The dwelling is currently unoccupied.

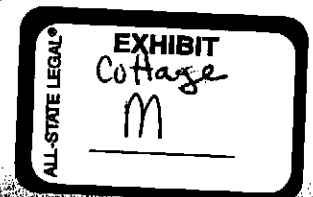
The cesspools appear to be located in the side yard of the cottage next to the driveway. Both cesspools were viewed through six inch pipes extended to grade. The solids content is satisfactory, and a cleaning is not needed at this time. Treatment tanks should be pumped through the main access at least once every two to three years as a preventative maintenance measure to remove the accumulated solids content. The cesspools appeared to be at a satisfactory operating level, as the liquid was below the inlet pipe. All the interior plumbing appears to be connected to the cesspool. Water was run in the dwelling and no signs of sluggish drains were noted.

It should be noted that the system appears to be over fifty years old and may be beyond its peak operating efficiency. Like other older components of the dwelling, it may require increased maintenance and/or repair/replacement in the future even if it is functioning satisfactory at the time of the inspection.

**CONCLUSION:**

The septic system at the above captioned property appears to be in unsatisfactory working order at the time of inspection, and the following must be completed before a revised report is issued:

1. As the dwelling has been unoccupied for approximately nine months, a hydraulic load test must be conducted in order to obtain more information as to the working condition of the system. This is a two to three day test where water is introduced to the system at a rate





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expected to be generated by an occupied dwelling and its effects monitored. The estimated cost is \$530.00.

If you would like us to perform the above work, please have the party responsible for payment sign below, and return a copy to our office via fax or mail. Payment is due in full at time of service. Please be aware that additional fees may be incurred resulting from the work above, however, no further work will be performed without authorization. Please feel free to contact this office should you have any questions on the above. Upon receipt of payment in full, the revised report will be issued.

Sincerely,  
*C. [Signature]*

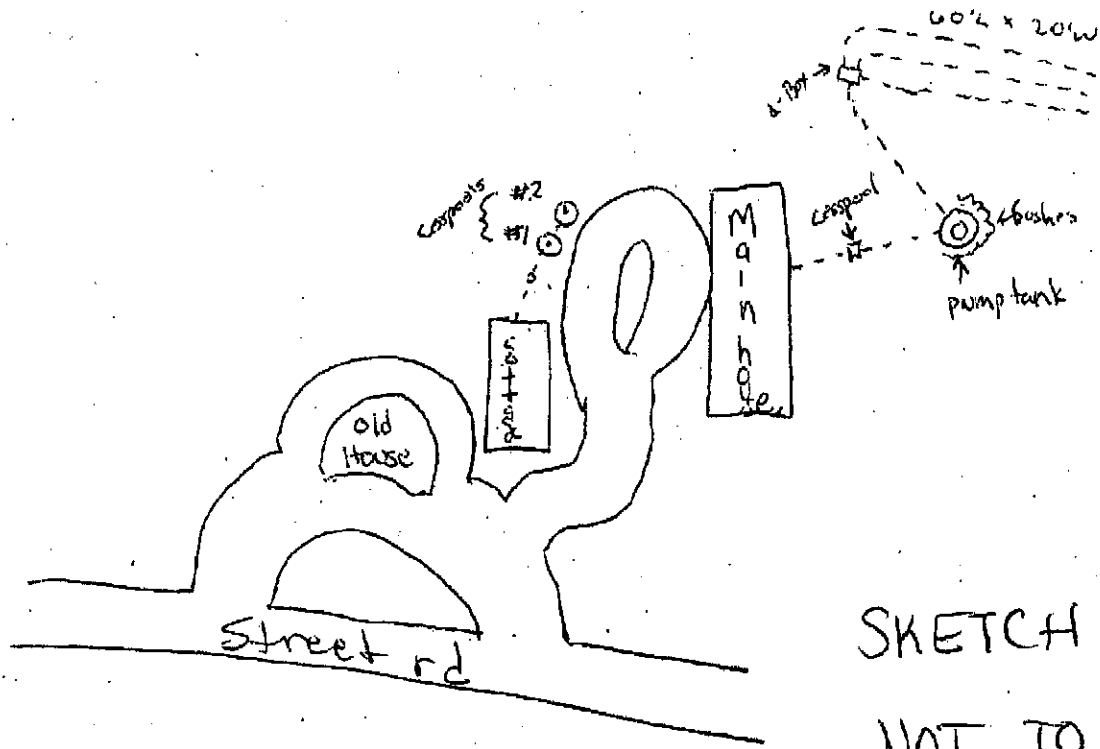
Field Services Department

ACCEPTED: \_\_\_\_\_

PRINT NAME: \_\_\_\_\_

BILLING ADDRESS: \_\_\_\_\_

PHONE NUMBER: \_\_\_\_\_



SKETCH ONLY  
NOT TO SCALE