



**REVISED ON-SITE WELL AND
SEPTIC SEPARATION DISTANCES
2007
(see reverse side for comments)**

Procedure/Policy
Separation Distance Issues

1. Well Casing or Bedrock Depth less than 50 feet
 - “The listed water well separation distances from contaminant sources shall be increased by 50% whenever aquifer water enters the water well at less than 50 feet below grade. If a 50% increase in separation distances can not be achieved, then the greatest possible increase in separation distance shall be provided with such additional measures as needed to prevent contamination.”
 - To avoid this:
 - Install at least 50 feet casing.
 - Well grouting to at least 20 feet.
2. Course Gravelly Soil
 - “When these contamination sources are located in coarse gravel or are located upgrade and in the direct path of drainage to a water well, the water well shall be located at least 200 feet away from the closest part of these sources.”
 - 200 ft. from well to septic system is needed in Cortland County aquifer areas, usually where percolations rates are less than 10 mpi.
3. Manure Application
 - “Based upon on-site evaluations of agricultural properties done per agricultural environmental management (AEM) or comprehensive nutrient management plan (CNMP) programs by a certified nutrient management planner or soil and water conservation district (SWCD) official, water wells may be located a minimum of 100 feet from areas subject to land spreading of manure.”
 - Need 200 ft. from well to manure application.
 - Ask for verification of CNMP from Soil and Water to reduce this distance to 100 ft.

Cortland County
Health Department
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