IREDELL COUNTY HEALTH DEPARTMENT

412 East Center Avenue • Mooresville, North Carolina 28115 • (704) 664-5281

William D. Mashburn, M.P.H.
Health Director

December 8, 1989

Crescent Resources
P. O. Box 30817
Charlotte, N. C. 28230

Att: Steve Schreiner

Dear Mr. Schreiner:

As requested a preliminary site evaluation was performed on a proposed new subdivision on SR1236 to be known as Stonemarker II. The results of the evaluation revealed the soils to be primarily mid-range provisionally suitable clays. The major problems encountered were complex topography, drainage and usable space.

The following lots have been identified as having the most limiting factors to site development and are listed in order of severity:

Lot 29: Very complex topography characterized by mostly a steep, complex slope to a drainageway. If this lot is developable, it will require in the least an engineered system.

Lot 20: Much of this lot is dissected by a drainageway. There is an area towards the rear and next to lot 21, and an area next to lot 26 that may accommodate a low pressure panel system.

Lot 18: The front (roadside) portion of this lot has complex topography. Areas next to an old roadbed (on each side) are those likely to be used for a sewage system drainfield.

Lot 3: 1/3-1/2 of this lot next to lot 4 is unsuitable because of complex topography and drainage. An engineered system may be required and located next to lot 2.

Lot 4: A portion of this lot next to lot 3 is unsuitable because of complex topography and drainage. An engineered sytem may be required and located next to Lot 5.

Lot 24: Much of the front (roadside) of this lot is unsuitable due to complex topography and drainage. There is an area at the rear and next to lot 23 that may accommodate a LP panel system.