

LandWorks Engineering

Land Planning & Civil Engineering

October 12, 2010

Mr. Marc Combs
Director of Public Services
Town of Black Mountain
160 Midland Avenue
Black Mountain, NC 28711

RE: Timber Park Water System
Town of Black Mountain, Buncombe County, NC

Dear Mr. Combs,

I have visually reviewed and researched the existing water system serving Timber Park in Black Mountain. The water system consists of a duplex water booster pump station, 2,800 lf of 6" ductile iron water main within Timber Park Drive, approximately 480 lf of 2" pvc water main within Tree Top Place and a 20,000 gallon steel Water Storage Tank that provides potable water and limited supplemental water for fire protection to the residents of Timber Park. The water system was approved and permitted by NCDENR PWSS under Serial No. 89-6577-R and serves 36 residential lots (4 of which are vacant). The water system was constructed in two phases from 1988-1990. The water source for the Timber Park Water System is provided by the Town of Black Mountain via a 4" water main at approximately 40 psi terminating at the Timber Park Water Booster Station. The Town of Black Mountain water system is isolated from the Timber Park water system by check valves within the Booster Station piping.

Based upon my review of the Timber Park water system it appears the system was designed and constructed within substantial compliance and intent of the NCDENR-PWSS Rules and Regulations applicable at the time. NC Rules Governing Public Water Supply NCAC Title 15A Subchapter 18C transferred and recodified from Rules .0701-.0702 Title 10 Subchapter 10D of the NCAC effective April 4, 1990. The Timber Park Water System is being operating as designed and intended.

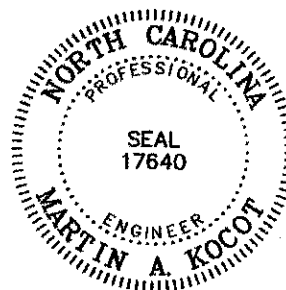
This statement is a declaration of professional judgment. It does not constitute a warranty, or guarantee, expressed or implied, nor does it relieve any other party of his responsibility to abide by applicable codes, standards, regulations, ordinances or system maintenance.

Respectfully Submitted,

LandWorks Engineering, PLLC

Martin A. Kocot, P.E.
Registration No. 17640

cc: Timber Park Home Owners Association
Mark White, Black Mountain Water Services



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