May 1, 1974

To: Mr. Herbert Doten
128 State Street
Augusta, Maine

From: Darryl N. Brown
Consulting Soil Scientist
P.O. Box 164
Livermore Falls, Maine 04254

Re: On-site soil investigations of Lots 2,15,16, 17,21,25,26,27, + 28, of the CDC Subdivision, ~~Brown~~ Burns Rd. Augusta.

Purpose of Investigations: Soil suitability for on-site subsurface sewage disposal

Method of Investigations: Backhoe

Date of Investigations: April 16, 1974

Soil types identified: Belgrade fine sandy loam
Buxton silt loam
Hartland very fine sandy loam

Base map: Plot plan (Scale: 1" = 50' dated 5/7/73)

Reference Points: all lot corners

Locations of all test pits aresuperimposed on the plot plan.

A treatment of individual lots follows:

Lot #	Soil type	Slope	Most Limiting Factor for Subsurface Sewage Disposal	Systems permitted
2	Buxton	8-15%	Seasonal high water table at 22". clay at 27"	mound only size: 125' X 44'
15	Hartland	1-3%	Seasonal high water table at 36"	Bed: 50' X 50' 30" of compacted fine sandy loam fill required. Mound: 120' X 40'
16	Hartland	1-3%	Seasonal high water table at 48"	Bed: 50' X 50' 18" of compacted fine sandy loam fill required. Mound: 120' X 40'

1/According to Table 9-1 of the Proposed Maine State Plumbing Code.

17	Hartland	2-5%	Seasonal high water table at 45" Clay at 45"	Bed: 50'X 50' 21" of compacted fine sandy loam fill required. Mound: 120' X 40'
21	Belgrade	1-2%	Seasonal high water table at 17". Clay at 38"	Bed: 50' X 50' 49" of compacted fine sandy loam fill required. Mound: 120' X 40'
25	Belgrade	1-3%	Seasonal high water table at 17". Clay at 38"	Bed: 50' X 50' 53" of compacted fine sandy loam fill required. Mound: 120' X 40'
26"	Belgrade	20-25%	Slopes in excess of 15%	Further engineering assistance required
27	Hartland	2-4%	Seasonal high water table at 36". Clay at 44"	Bed: 50' X 50' 30" of compacted fine sandy loam fill required. Mound: 120' X 40'
28	Hartland	3-4%	Seasonal high water table at 42". Clay at 42".	Bed: 50' X 50' 24" of compacted fine sandy loam fill required. Mound: 120' X 40'

I certify that the soil types were identified in accordance with standards developed in the National Cooperative Soil Survey.

Darryl N. Brown