



November 26, 2001

Farmer's Korner, Inc.
P.O. Box 1005
Frisco, Colorado 80443
Attn: Mr. Larry Smith

Re: Farmer's Korner Water System

Dear Mr. Smith:

The estimated pressure and flow provided by the water pumping system to the fire hydrants is as follows:

20120918 - DAF
No Hydrant on lot 23.
Should be lot # 20
↓

<u>Location</u>	<u>Elevation⁽¹⁾</u>	<u>Estimated Available Emergency Flow, gpm⁽²⁾⁽³⁾</u>
Lots 1,2	9120	1790
Lots 9,10	9164	1700
Lot 16	9278	1420
Lot 23	9286	1400
Lots 24,25	9273	1420
Lot 27	9310	1250

Notes:

- (1) Elevation data provided by Pearson Engineering, Inc.
- (2) Emergency Flow = Total estimated flow - estimated peak day flow.
- (3) Available flow based on pump data submitted by Janssen/Samuelsen for proposed pumps. Two (2) large pumps (655 gpm) and two (2) medium pumps (165 gpm) running.

Pressure and flow vary relative to the elevation of the lot or fire hydrant to be served. In addition, maximum available flow is dependent on the number of fire hydrants in the vicinity of the structure and the maximum flow that can be withdrawn from the hydrant.

Sincerely,

Patsy J. Sullivan, P.E.
Project Engineer

c: Gary Green, Red, White & Blue Fire Protection District

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