BF 86130 Hwy 2 Over Peace River Tributary
Hydrotechnical Summary

Channel Capacity :

S = 0.14
B = 1 m, h = 0.5 m, T_h = 3 m (not well defined)
Use n = 0.06

Historical Highwater Data :

There are no HW observations on file. The d/s channel is a deep narrow erosion gulley, with likely degradation.

There are no gauges on this stream. Gauges in the area suggest HW events in June 1968, April 1974, June 1990, and April 1997. The largest storms in the storm database are about 140mm of rainfall in July 1935, 120mm in August 1982, and 100mm in June 1990.

Basin Runoff Potential :

d = 60 mm, T_p = 20 hrs, q = 0.85 cms/km^2.
Gross DA = 2.6 km^2.
Q_p = 2.5 cms.

Conclusion :

Basin runoff potential governs.

Recommended parameters : Y = 0.5 m, V = 2.5 m/s, Q = 2.5 cms.