

# Fire Protection Survey Services™

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November 23, 2009

Stirling-Rawdon Fire Department  
P.O. Box 40  
Stirling, ON  
K0K 3E0

Subject: **Fire Department Water Tanker Shuttle Accreditation**

Fire Protection Survey Services is pleased to award your municipality with **Fire Department Water Tanker Shuttle Accreditation** for the following fire stations:

F.S. #1 - 99 East Front St., Stirling, K0K 3E0      Fire Protection Classification (8)  
F.S. #2 - 2508 Spring Brook Rd., K0K 3C0      Fire Protection Classification (8)

The test procedures were carried out on November 21, 2009. The flow rate during the 2-hour test period averaged 1,885 liters per minute or 415 Imperial gallons per minute.

Your team worked in a well co-ordinated and organized manner with proper supervision.

Your municipality will require re-evaluation by December 01, 2014.

Regards,



Peter J. Rose, C.E.T., F.P.T.  
Principal Associate  
Senior Fire Protection Specialist  
Loss Control Specialist



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# Fire Protection Survey Services

## Summary of the Results of the Tanker Shuttle Accreditation Conducted for Township of Stirling-Rawdon on November 21, 2009

Note: This testing was conducted in accordance with the standard procedures used by the insurance industry in both Canada (Insurance Bureau of Canada) and the United States (Insurance Services Office):

<u>Requirement for Tanker Shuttle Acceptance</u>	<u>Was Requirement Met?</u>	Results
Does the Fire Department have sufficient creditable water supply sources?	Yes	Yes – pressurized & dry hydrants are available.
Was a minimum flow of 900 L/min. (200 Imp.g.p.m.) maintained during the test to meet minimum residential requirements?	Yes	Flow at start was 1,044 L/min. Average flow was 1,885 L/min. (415 Imp. g.p.m.)
Was a minimum flow of 1800 L/min (400 Imp. g.p.m.) obtained for commercial grading?	Yes	Average flow was 1,885 L/min. (415 Imp. g.p.m.)
Does the minimum apparatus response to a rural structural call meet requirements?	Yes	2 Pumpers and 4 Tankers plus auxilliary apparatus
What is the <u>minimum</u> water carrying capacity of the initial response?	Yes	>27,000 litres (6,000 Imp. gal.)

**Notes:**

1. The fire department has a well-distributed pressurized hydrant system maintained to the accepted National Fire Protection Association (NFPA) Standard #291 and dry hydrant system per NFPA Standard 1142.
  
2. **Credited** fire stations are located at:
  - F.S. #1 - 99 East Front St., Stirling, K0K 3E0      Fire Protection Classification (8)
  - F.S. #2 - 2508 Spring Brook Rd., K0K 3C0      Fire Protection Classification (8)
  
3. Fire Stations **NOT** given credit, at this time, are located at:  
N/A

