

## Project Proposal Form

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Please complete and submit this form to:

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### Submission Date:

2015-October-28

### Proposal Number:

AAF-2015-01

### Champion:

Alberta Agriculture & Forestry / Wildfire Management Branch / Provincial Warehouse and Fireline Equipment Working Group

Note: This project has received EOI endorsement from Alberta's Wildfire Management Science & Technology Group

### Background:

The Provincial Fire Warehouse and Service Centre, along with the Fireline Equipment Working Group has proposed a formal evaluation of the Phos-Chek foam stick and applicator to gain more insight into this product's operational use and application. Preliminary field testing to identify potential project parameters have been conducted this past summer, and detailed project planning needs are currently being discussed and developed. Advisory Committee endorsement, support and input are seen as the next logical steps in project development.

### Issue:

A formal operational evaluation of this product, other than chemical and environmental testing and manufacture product information is not available.

### Objective(s):

The project objective is to develop product evaluation criteria and document operational field testing in support of agency decision making.

## Approach:

As part of this proposal, Alberta's Provincial Fire Warehouse and Service Centre, and the Fireline Equipment Working Group, have identified four field representatives to work with FPInnovations on project development. Preliminary discussions with these personnel have taken place, and informal product testing aimed at identifying project parameters was completed this past summer at Fort Providence, NWT.

Detailed project plan topics identified thus far, include: development of project testing methods and evaluation criteria; the use of operational staff in actual testing; identification and fine-tuning of project deliverables e.g. the need for project outcomes, such as best practices, product cost analysis, formal documentation and reporting; and tech transfer following project completion. Some specifics associated with these topics have also been identified and discussed, but will need further work during detailed project plan e.g. foam stick duration testing, applicator pressure testing, etc. The need to bench mark the product against water has also been identified.

Advisory committee project support and feedback is being requested. Those wishing to also participate, and or provide feedback is encouraged to contact [Roy.Campbell@fpinnovations.ca](mailto:Roy.Campbell@fpinnovations.ca)

Additional advisory committee review and input is anticipated during the spring advisory committee meeting when detailed project plan parameters will be presented.