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# Fire Challenged Fuel Treatments in Saskatchewan - 2015

2016 Project Report

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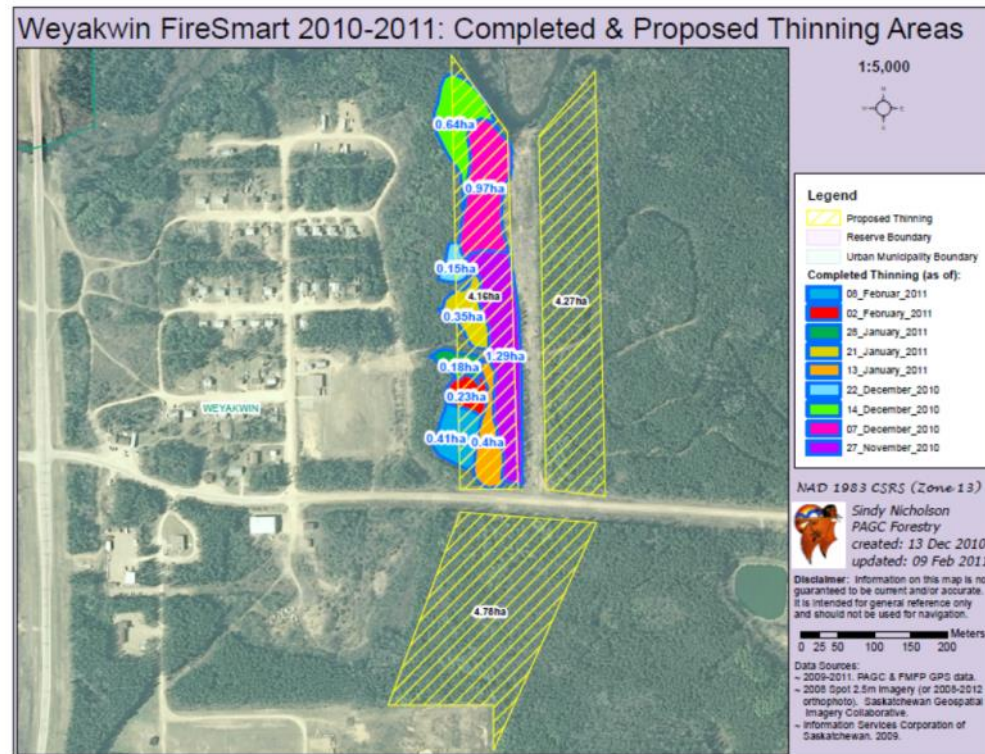
# Background

- Wildfires challenged pre-existing fuel treatments in central Sask in the summer of 2015.
- Sask Wildfire Management Branch asked FPI to document the effectiveness of the treatments during these fire events.
- Two treatments were selected for case studies – Weyakwin and Wadin Bay. They are situated north and south of La Ronge.
- FPIInnovations made two trips to Sask; one immediately after the fires quieted and one later in the fall to collect further data.

# Fuel Treatments

## Weyakwin

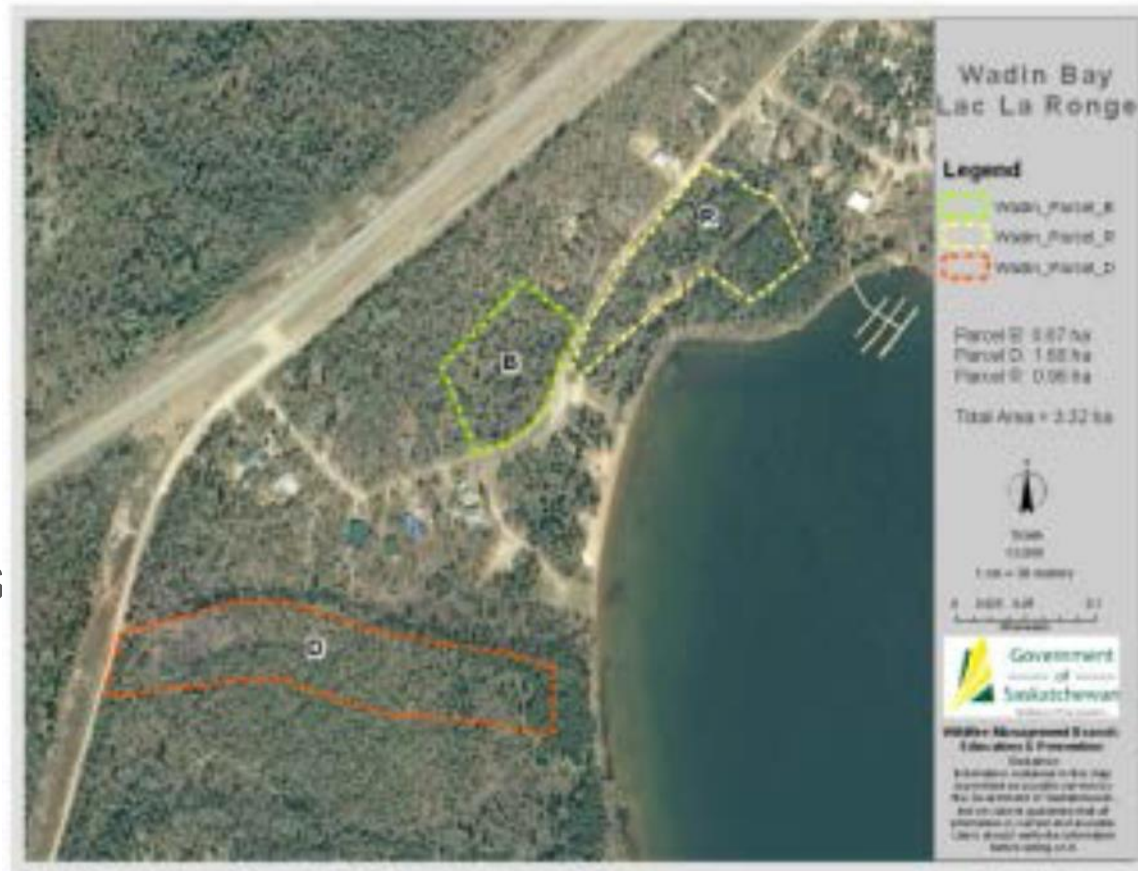
- Completed 4.62 ha of thinning adjacent to a wide fuel break in 2010.
- Fire approached from the north, south and back in from the east on two different days.
- Stand density decreased roughly 2000 stems/ha



# Fuel Treatments

## Wadin Bay

- 3 areas thinned
- Fire moved in from the west at the “Y” in the road.
- Locals and fire crews stayed and fought the fires.



# Outcomes

Several things stand out for the interaction between the wildfires and the fuel treatments:

- Visibility – firefighters could see spot fires
- Access – was safe for firefighters to enter stand
- Debris around homes are receptive to embers

Report will be provided to Saskatchewan this fall.



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Questions?