



Towards Wildfire Resilient Yukon Communities

Using an asset management approach to fire risk reduction

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Agenda

1

Managing Wildfires in a changing climate

2

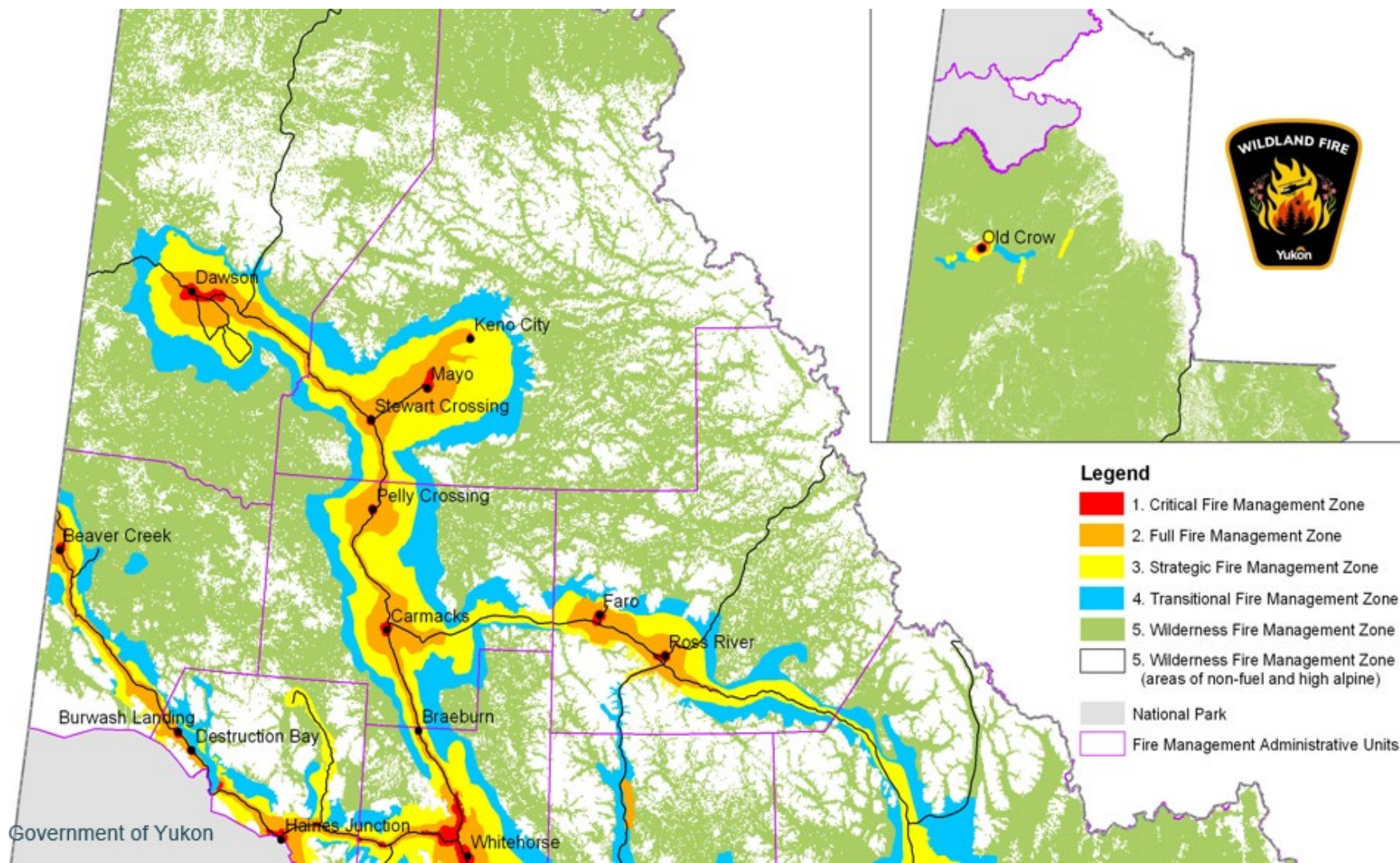
An Asset Management Approach to fire risk reduction

3

Evaluating the Service, next steps

Managing Wildfires in a changing climate





Legend

- 1. Critical Fire Management Zone
- 2. Full Fire Management Zone
- 3. Strategic Fire Management Zone
- 4. Transitional Fire Management Zone
- 5. Wilderness Fire Management Zone
- 5. Wilderness Fire Management Zone (areas of non-fuel and high alpine)
- National Park
- Fire Management Administrative Units



Government of Yukon



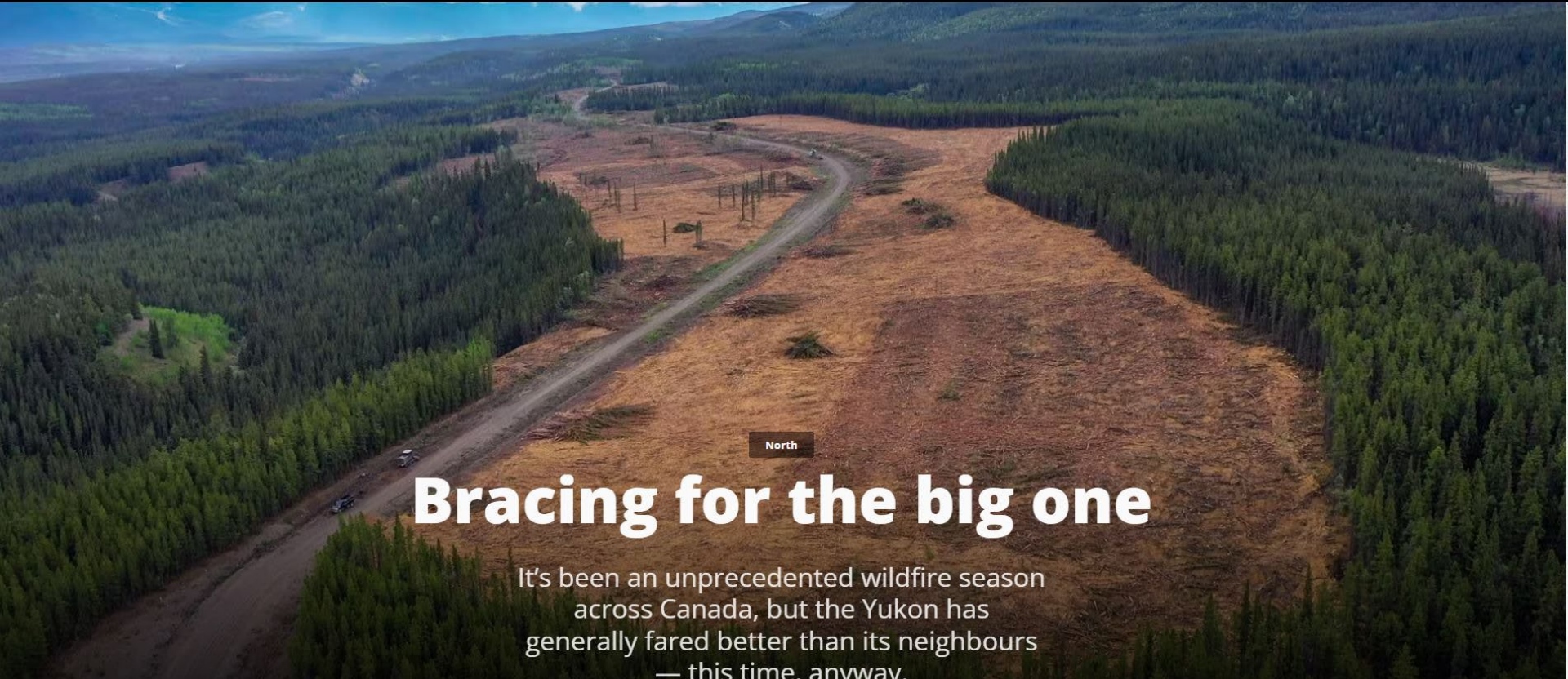






Yukon





North

Bracing for the big one

It's been an unprecedented wildfire season across Canada, but the Yukon has generally fared better than its neighbours — this time, anyway.



The Yukon Government Approach



Whole of government approach

Increased Response Capacity

Increased Fuel Management

Wildfire Resilient Yukon Communities

- Wildland Fire management must transform

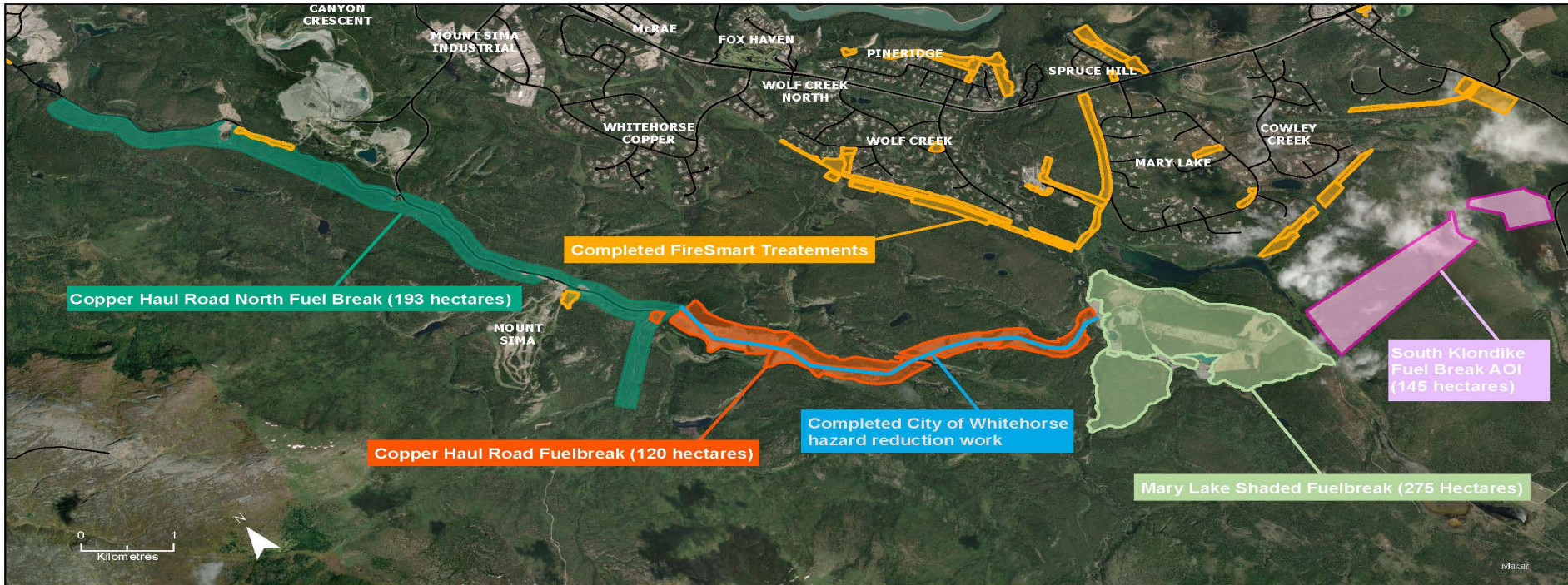
- Asset Management approach
 - What do we own?
 - Where is it?
 - Is it in acceptable condition to provide desired service?



Treatment Units are Assets!







Whitehorse South Fire Risk Reduction project



Treatment Units are Assets!

FireSmart_Thinning_Performance_Map_MIL1

FireSmart Plots

SAMPLED

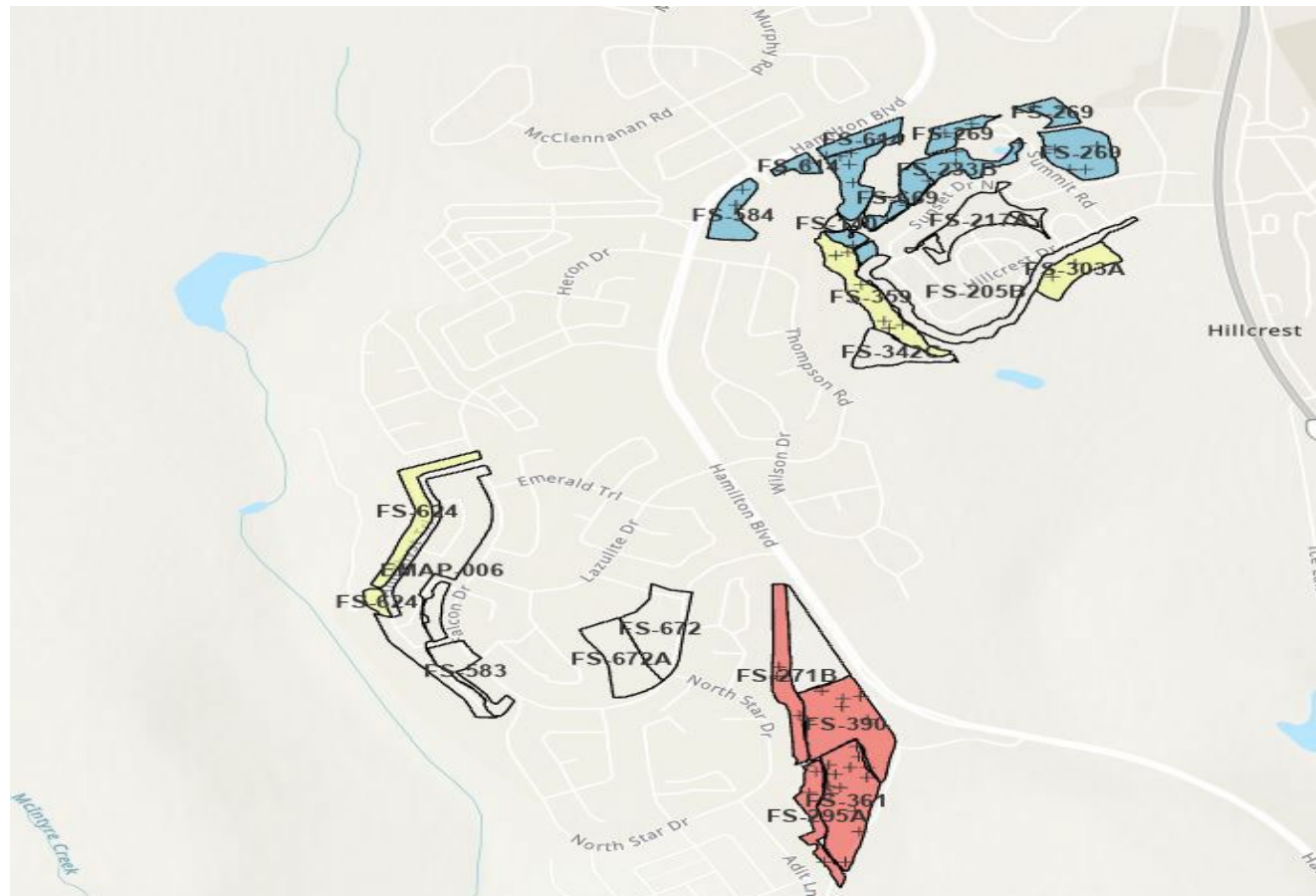
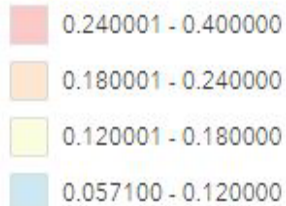
+ post

FireSmart Treatment Stands



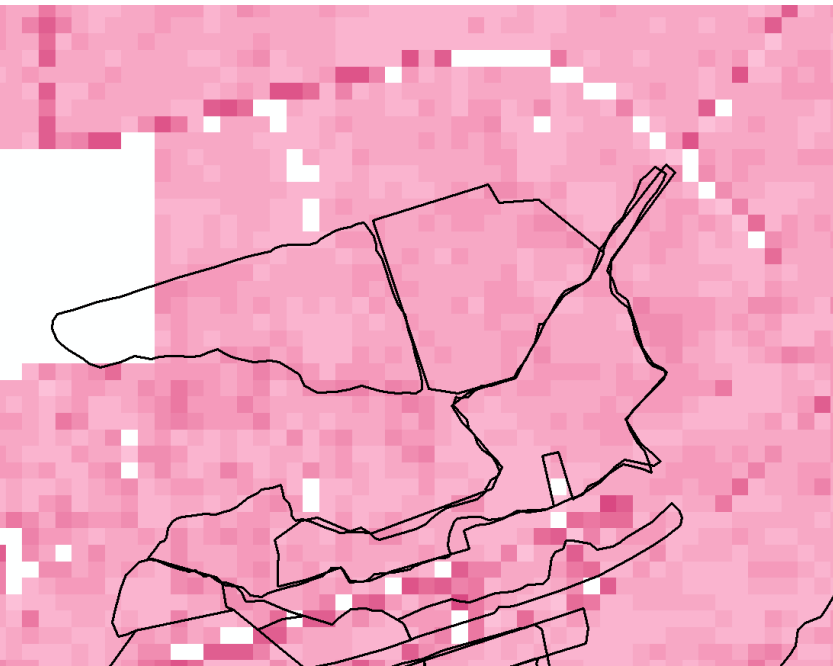
FireSmart Treated Stands

CBD_POST

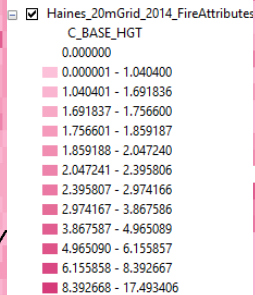
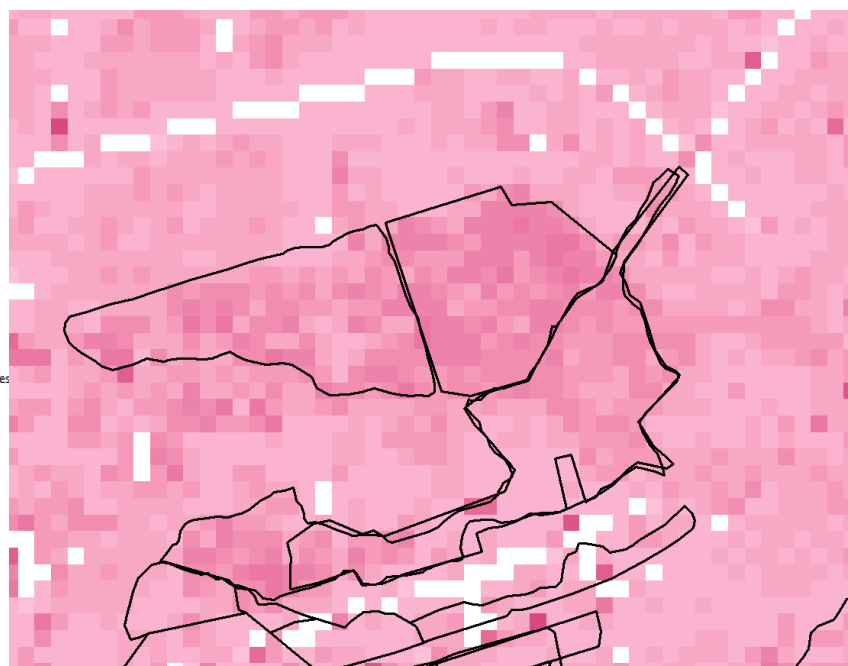


How do we know it's working?

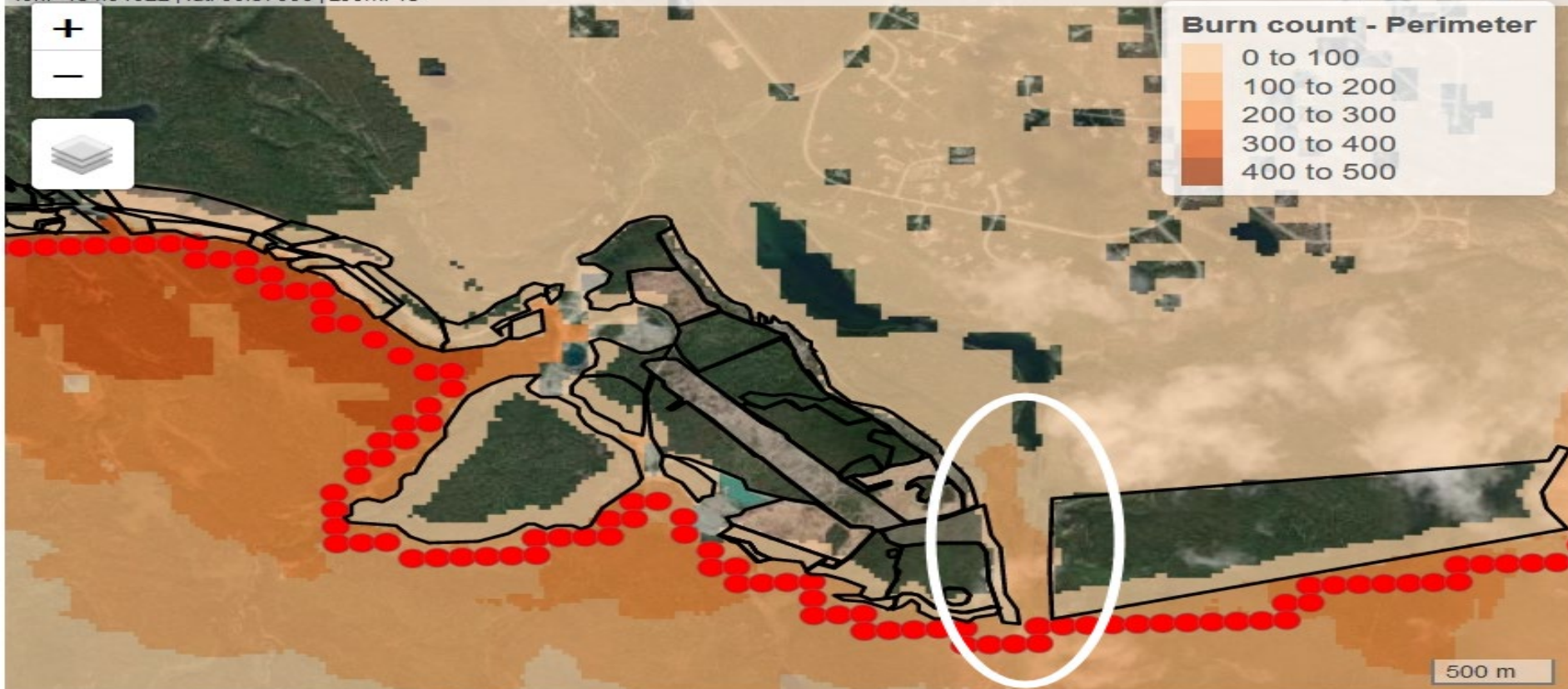
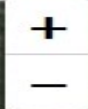
Crown Base Height 2014



Crown Base Height 2020

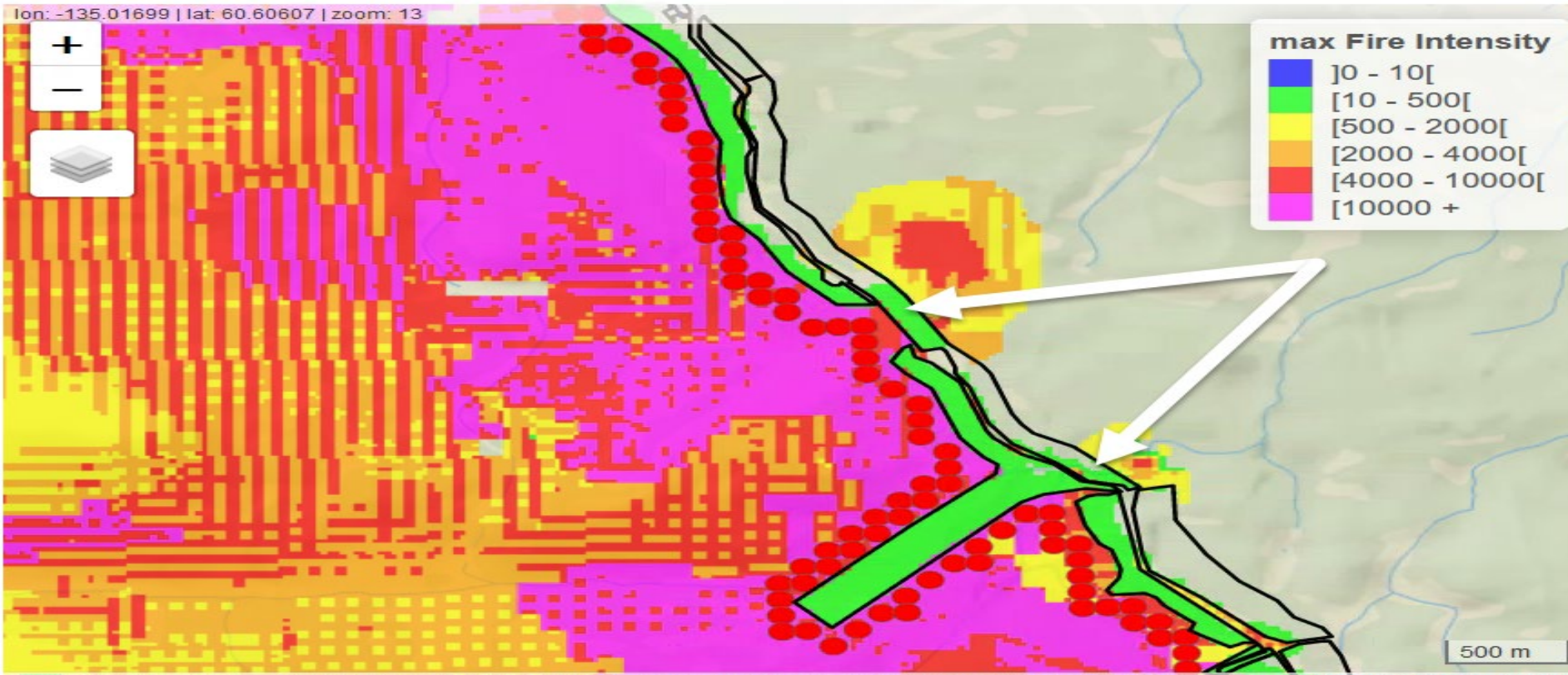
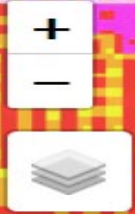


lon: -134.91022 | lat: 60.57666 | zoom: 13



500 m

lon: -135.01699 | lat: 60.60607 | zoom: 13





Treatment Units are Assets!





What services does a fuel break provide?





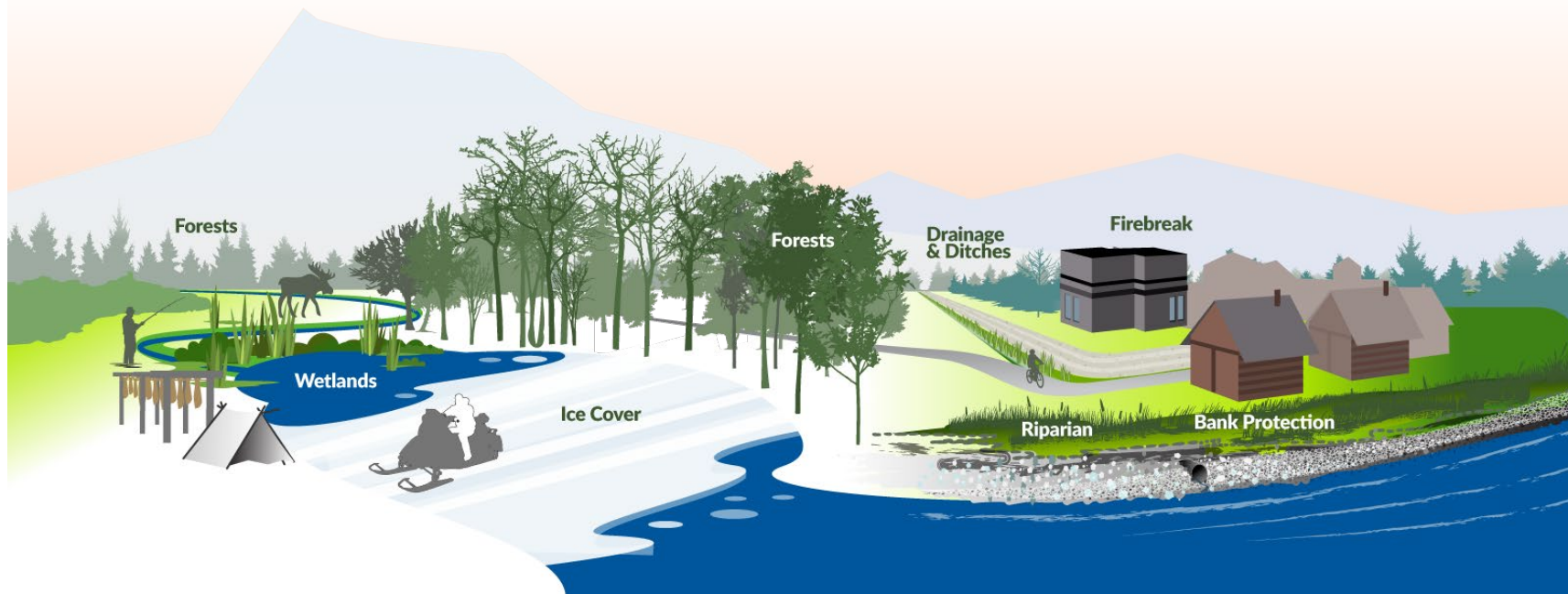
What services does a fuel break provide?



Yukon



Yukon Natural Asset Framework



Yukon Natural Asset Framework

