

Skeena Stikine Natural Resource District - Wildfire Risk Reduction



**Powers Creek
Wildfire -
R31228**

July 07, 2023

Skeena Stikine Natural Resource District - Wildfire Risk Reduction



- Intro
- Projects to date
- Strategic Planning
- Address questions



Photo credit: Lane Vienneau, Incident Commander, John Brown Creek, Aug 2023

John Brown Creek Wildfire - R31512

Aug 17, 2023

Crown Land Wildfire Risk Reduction - Recap



- Crown Land Wildfire Risk Reduction (CLWRR) funding supports 3 phases:



1. Planning - Wildfire Risk Reduction Tactical Planning - Risk and Treatment unit ID in the Wildland Urban Interface (WUI).
2. Site Prescriptions - Professional document addressing higher level objectives and risk reduction objectives.
3. Operations - Can include a variety of initial and maintenance treatments. (Pruning, surface fuel removal, thinning, prescribed burning*, partial/full harvest)

Wildland urban interface - The wildland urban interface (WUI) is any area where combustible forest fuel is found adjacent to homes, farm structures or other outbuildings. This may occur at the interface, where development and forest fuel (vegetation) meet at a well-defined boundary, or in the intermix, where development and forest fuel intermingle with no clearly defined boundary.

Skeena Stikine Natural Resource District - WRR Projects to Date

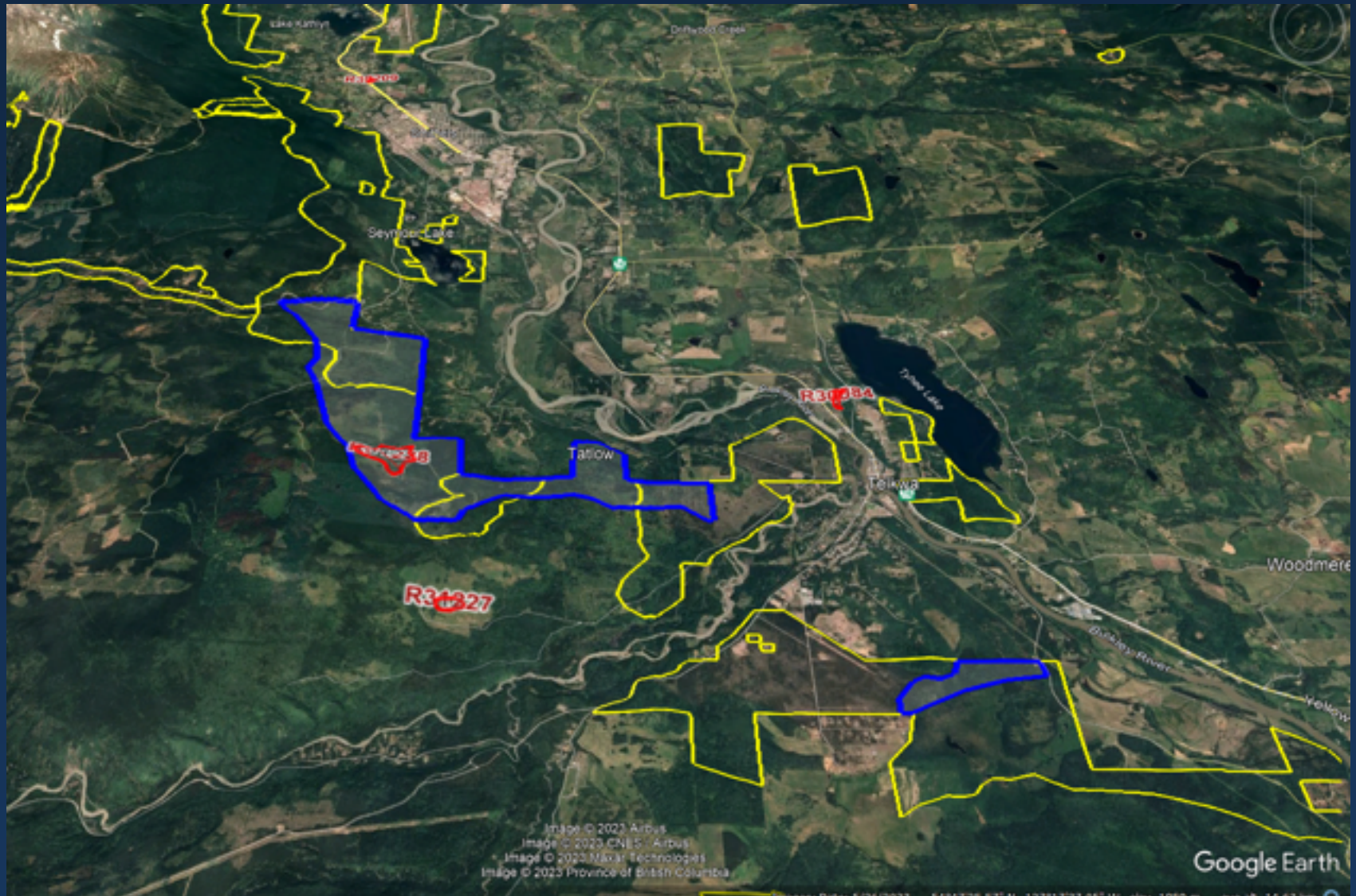


- Bulkley Valley Tactical Plan; Identified planning and treatment units
- Site Prescriptions; Rx Development
 - Seymore Ridge
 - Bluff Area
- Operational Treatments
 - Seymore Ridge

**Projects funded through the CLWRR*

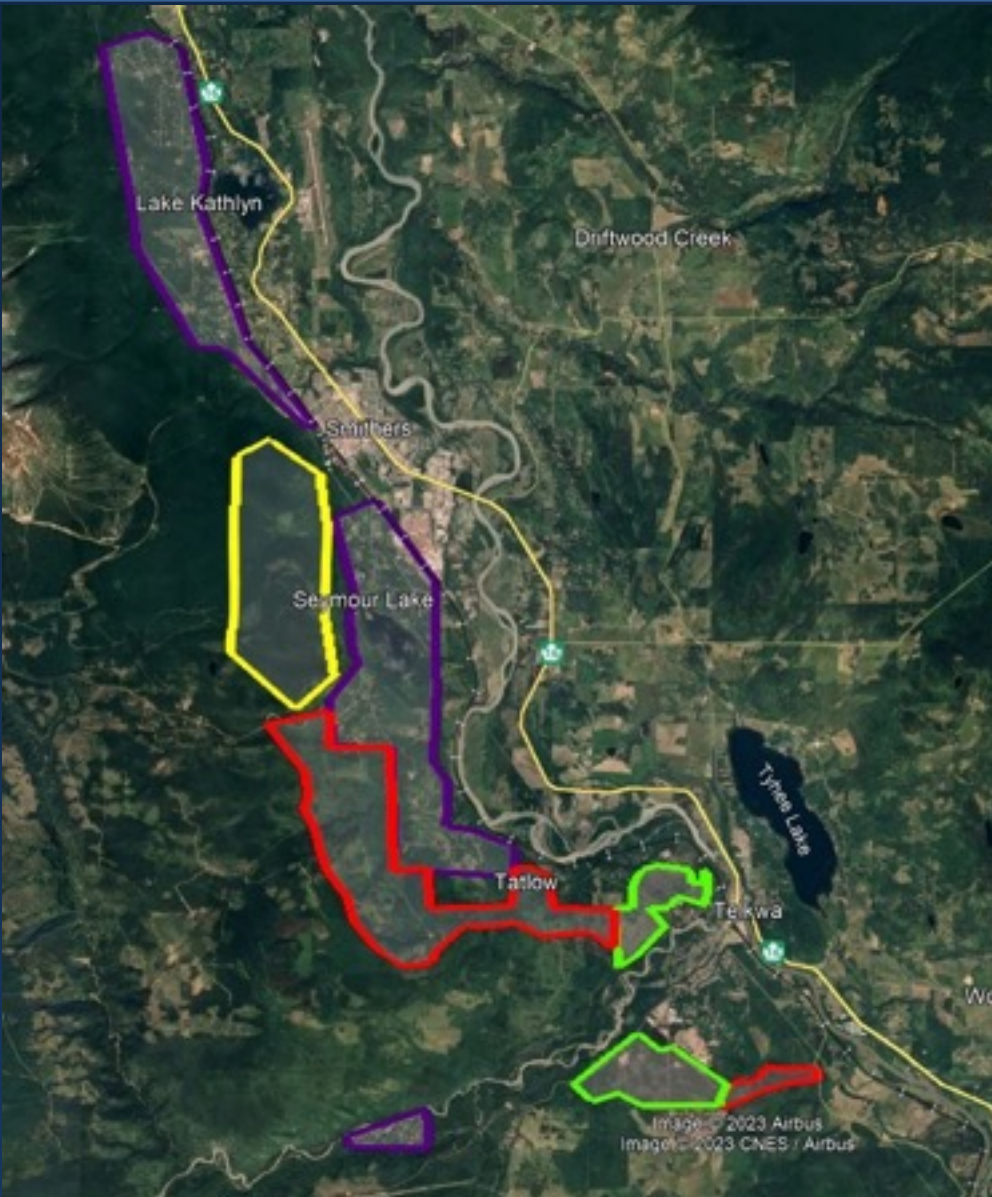
- A number of other projects have been completed to date that were supported by BCWS and DSS, however were not funded by the CLWRR program (ie. Hudson Bay Mountain Road - FESBC, Call Lake - BCWS/In House)

Skeena Stikine Natural Resource District - WRR Plans for 2024/2025



Skeena Stikine Natural Resource District

- Strategic Planning Proposed Planning Areas



Purple: FireSmart Areas
Yellow: Access
Red: Proposed Treatment
Green: Maintenance

Skeena Stikine Natural Resource District - WRR Tactics



Forest before fuel reduction

Surface and ladder fuels are present.

Tree Crowns

Ladder Fuel

Surface Fuel



Higher intensity fire

Fire spreads from forest surface through ladder fuels to tree crowns.



Higher severity fire

Fire spreads through tree crowns and forest is more damaged by fire.



AFTER FUEL REDUCTION

Forest after fuel reduction

Surface and ladder fuels are reduced.

Tree Crowns

Surface Fuel



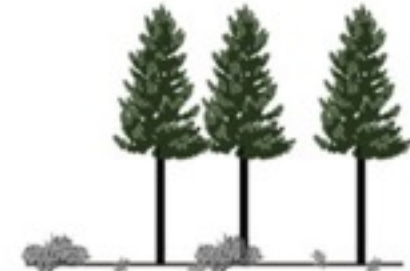
Lower intensity fire

Fire less likely to rise to tree crowns.



Lower severity fire

Forest is less damaged by fire.



Source: JLARC staff depiction based on diagrams created by the U.S. Forest Service.

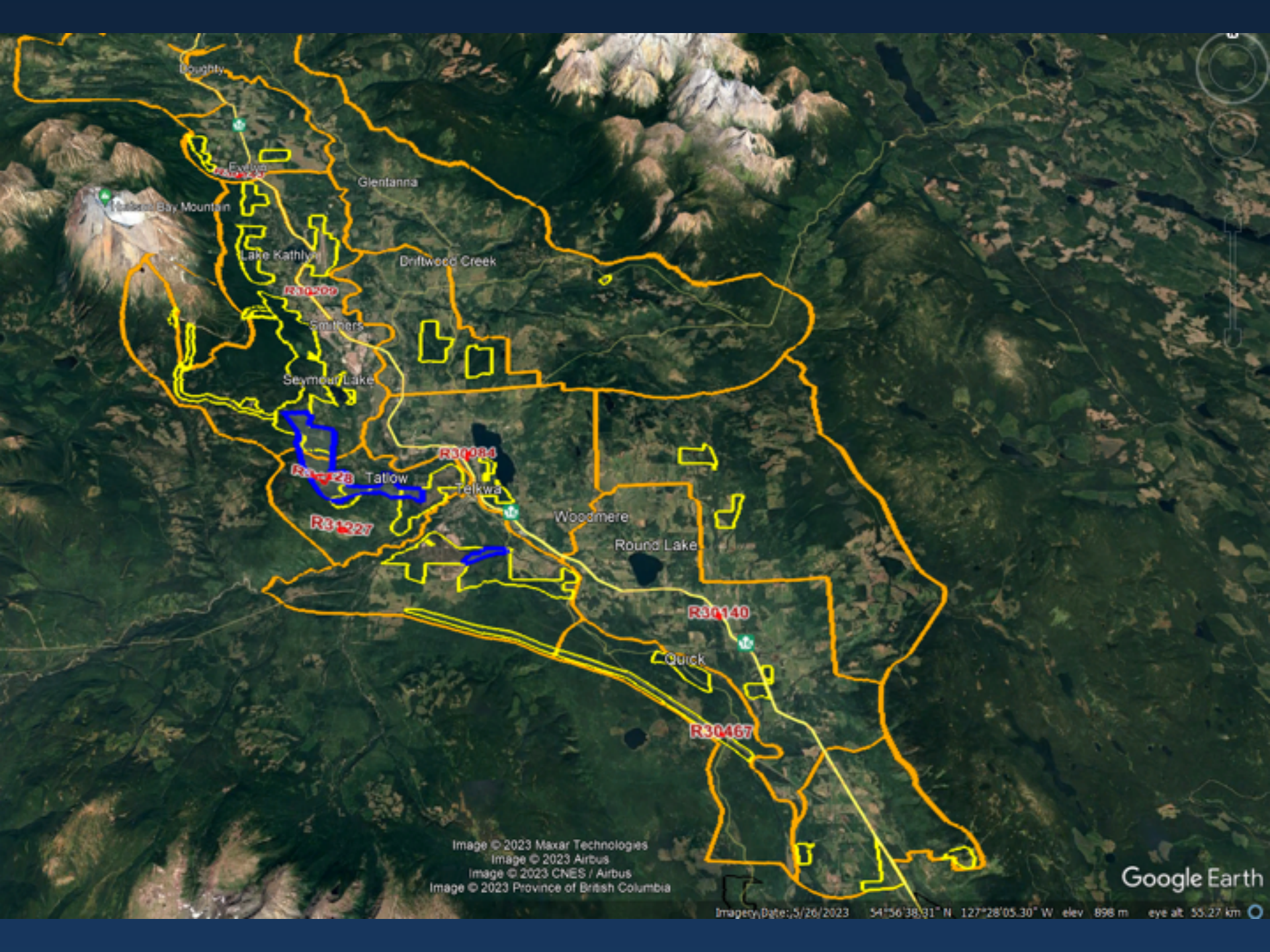


Image © 2023 Maxar Technologies
Image © 2023 Airbus
Image © 2023 CNES / Airbus
Image © 2023 Province of British Columbia

Google Earth

Imagery Date: 5/26/2023 54°56'38.31" N 127°28'05.30" W elev. 896 m eye alt. 55.27 km

Skeena Stikine Natural Resource District - 2023 Fire Season



Powers Creek Wildfire R31228

Evening of July 7, 2023

Lighting start

34.5ha

Called Under Control on July 29, 2023



Photo credit: Lane Vienneau, Incident Commander, Powers Creek Wildfire July 2023



Photo credit: Lane Vienneau, Incident Commander, Powers Creek Wildfire July



Photo credit: Lane Vienneau, Incident Commander, Powers Creek Wildfire July



Photo credit: Lane Vienneau, Incident Commander, Powers Creek Wildfire Ju



Photo credit: Lane Vienneau, Incident Commander, Powers Creek Wildfire July

Skeena Stikine Natural Resource District - FireSmart



Tips to FireSmart Your Home

Taking action to FireSmart your property will dramatically decrease the risk of wildfire damaging your home. The best part is, it's surprisingly easy to do.

Clean under your deck to remove any combustible material. Establish a 1.5 metre non-combustible zone around the perimeter of the house and deck.

Clean and maintain gutters and roofs. Keep decks and balconies clear of leaves and debris.

Keep grass and weeds cut below 10 centimetres.

Have a wildfire evacuation plan and make sure everyone in your household knows what to do.

FireSmart, IntelliFire and other associated Marks are trademarks of the Canadian Interagency Forest Fire Centre.

Download the FireSmart home assessment and do a self-assessment of your home and property.

Hold sheds and other structures to the same standards as your home.

Relocate propane tanks 10-30 metres from your home, and keep combustible vegetation a minimum of 10 metres from propane tanks.

Move firewood and lumber 10-30 metres away from home.

Prune trees to create a two-metre clearance from the ground to the lowest branches.

Add non-combustible 3 millimetre screens to external vents (except dryer vents).

Reduce the flammability of your landscaping and plant wildfire resistant vegetation. Learn landscaping.



Learn more at [FireSmartBC.ca](https://www.firesmartbc.ca)

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Thank you

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