



**Ministry of Forests**



**Forest Cover Updates**

**SUBMITTING IN-BLOCK ROADS, TRAILS, AND LANDINGS TO RESULTS**

**Edition 1.0**

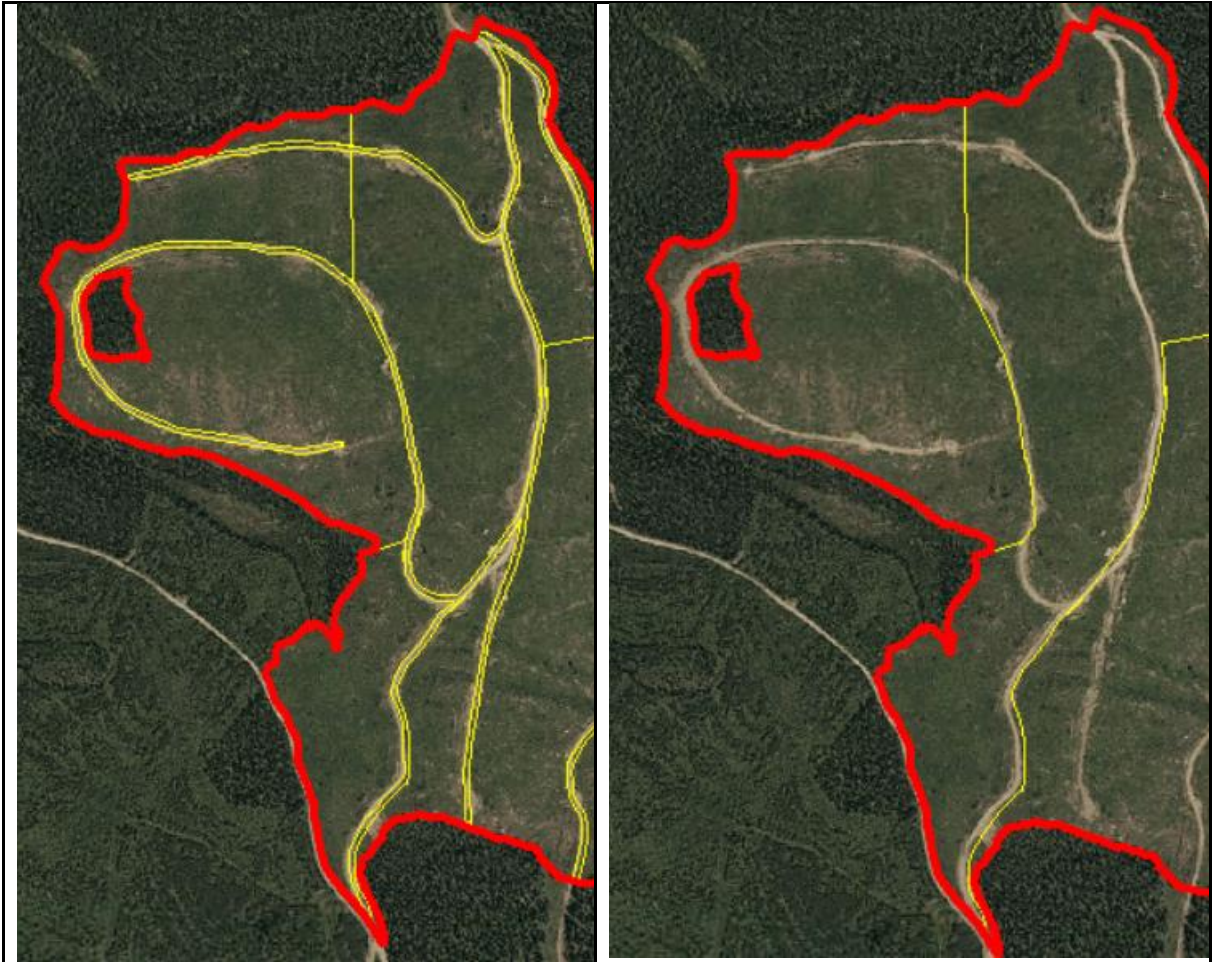
**July 2022**

In an effort to improve data flow between the Reporting Silviculture Updates and Land Status Tracking System (RESULTS) and The Vegetation and Resource Inventory Management System (VRIMS), **we are requesting that the reporting of in-block roads, trails and landings be submitted consistent with the non-mappable component standard, section 5.7.3.6.1 Roads of the RESULTS Information Submission Specifications Licensees Guide (RISS-Is) and section 10.4 Roads of the RESULTS Information Submission Specifications for Forests for Tomorrow and Government Funded Programs (RISS-gf).** The tabular information associated with the area occupied by those features is still required to satisfy the practice requirement for maximum soil disturbance, but the spatial data is not necessary.

Timely and accurate young stand inventory updates are more important than ever as demands on an ever-shrinking forest management land base increase. These young stand inventory updates inform Timber Supply Review (TSR), carbon accounting, wildfire planning, cumulative effects and many other land use related programs. The key source of inventory updates in young stands today is from compiled silviculture survey data reported to RESULTS forest cover.

RESULTS forest cover submissions are used by the Ministry of Forests to update the Vegetation Resources Inventory (VRI) using VRIMS. The most labour-intensive step in the VRIMS-RESULTS to VRI update process is to remove the spatial roads, trails, and landing (a.k.a. road tubes) from the RESULTS forest cover submissions.

Figure 1. Example RESULTS spatial submission with road tubes (left) and without road tubes (right).



The steps required to remove road tubes is so labour intensive, for all non-free growing openings, all non-retention RESULTS forest cover polygons within the opening are merged into the single largest stratum in the VRI to save processing time. This merging of strata within an opening dramatically improves processing time but stratum-level survey details are often lost.

To maintain the RESULTS stratum-level details in the VRI, we are updating the VRIMS application to recognize RESULTS forest cover submissions without road tubes and add them to the VRI without merging strata. To really make this a success, we are looking to reduce the number of RESULTS forest cover submissions reported with road tubes (currently at ~60%).

Maintaining the RESULTS stratum-level details, along with the reporting of planting spatial, will assist the Ministry in moving towards developing unique TSR yield curves for each unique stratum rather than the current process of averaging the attributes from all the strata in an opening.

If you have any questions or comments, please contact [Caroline.Wood@gov.bc.ca](mailto:Caroline.Wood@gov.bc.ca)