

QUICK REFERENCE GUIDE- How to deal with Smaller Standard Units/strata that are less than 0.25 ha in size

This document will provide Multiphase contractors and BCTS staff guidelines on how to deal with areas within new development that are smaller than .25 ha in size. The reasoning behind this process is to give everyone a good understanding of where the spatial should be placed in order to facilitate the information showing up in the Site Plan, RESULTS Forest Cover submissions and prevent issues with submissions to RESULTS and validation of the XML in Cengea Exchange.

This process will outline where Multiphase GIS staff should be putting the spatial when the area is not big enough to be a standard unit (SU) but information needs to be shared or displayed on the Site Plan map/Site Plan document or any other map. If there are special criteria or guidelines that need to be followed, this information can be addressed in the Site Plan whether it is an SU or not.

Area <.25 ha

Any polygons that are identified in the process of layout and design that are less than 0.25 ha should not be mapped as an SU. Polygons less than this size will not show up in the Site Plan report and will not be able to go into RESULTS during depletion reporting. Instead the spatial information should be placed in the following layer:

- 1) If it is a swamp or wetland: FOREST_13.TSO_13. WATERBODY
- 2) Anything else (e.g. rock, sinkhole, etc.) : FOREST_13.TSO_13.LAYOUT_POINT

For further information on the spatial data loading and standards for entering the attributes please see the following document for reference:

[http://www.for.gov.bc.ca/ftp/TKA/external/!publish/genus/BCTS Data Entry Guidelines and Standards.pdf](http://www.for.gov.bc.ca/ftp/TKA/external/!publish/genus/BCTS%20Data%20Entry%20Guidelines%20and%20Standards.pdf)

This information can now be reported under the larger Standard Unit by internal BCTS staff as a Non-mappable component when doing forest cover submissions to RESULTS so that it is accounted for.

Area >=.25 ha

Any polygons that are identified in the process of layout and design and are being referred to in the Site Plan that are greater than 0.25 ha should be mapped as SU's and placed in the FOREST_13.SU spatial layer and entered in the Site Plan screen of resources. (**ONLY if it can be mapped and the grouping of polygons is >= 0.25 ha**).

NOTE: In order show the NP area in the Site Plan document, the area of the standard unit must be 0.1 or greater as noted below in the screen capture.

TENURE IDENTIFICATION

ORIGINAL

LICENCE#	CP	BLOCK	UBI	OPENING NUMBER	FDU	LOCATION	LATITUDE / LONGITUDE
A89934	-	LS7T9	BE7T9	921048-404		Ross Moore Lake	50 26 46 / 120 24 35

AREA UNDER THE PLAN

GROSSAREA (TAUP)	PAS	NP	WTRA / WTP	RESERVES	OTHER	NAR
78.1	1.2	0.1	7.2	0.0	0.0	69.7

ADDITIONAL COMMENTS

The spatial information should be placed in the following layer:

- 1) FOREST_13.SU

For further information on SU development and Strata delineation:

Silviculture Prescription Data Collection Field Handbook :

<https://www.for.gov.bc.ca/hfd/pubs/Docs/Lmh/Lmh47R-1-1.pdf>

Please note that the spatial definition of an SU does not correspond with the legal definition of an SU as defined in the FPPR:

http://www.bclaws.ca/civix/document/id/complete/statreg/14_2004#section1

Silviculture Information Submission Guidebook: <https://www.for.gov.bc.ca/hfp/publications/00026/pdf/fs708-guide.pdf>

Smaller areas delineated at the Site Plan stage can affect the submission of forest cover when it is submitted during depletion RESULTS reporting as it will only accept areas greater than 0.25 ha. RESULTS has a minimum polygon size requirement for submissions.

Minimum Polygon Size

While current technologies provides the ability to create small, accurate polygons, the costs associated with maintaining these polygons can be quite high. Therefore, the recommended minimum polygon size for RESULTS submissions is 0.25ha. The RESULTS database can accommodate smaller polygons if there is an appropriate business need to do so (e.g. for a research trial).

See [Section 6](#) Precision Standards for Forest Inventory and Forest Cover Data Submissions to the Ministry of Forests for details for additional details on minimum polygon size.

Definition of a non-mappable component:

Non-mappable Component

- **Non-mappable Component ID** – A unique identifier for the non-mappable component defined by the licensee. These are areas that are too small or dispersed to map, but have areas that need to be accounted for (i.e. dispersed rock or swampland that should be taken out of the productive forest area – NAR – but is too small and dispersed to map).
 - Required
 - Alphanumeric (3)
- **Area** – The area of the non-mappable component in hectares.
 - Required
 - Decimal (6) (1)

Reporting Non-mappable components to Results

WHO: BCTS staff

WHEN: submitting forest cover submission to RESULTS when doing Depletion reporting

Results Information Submission specifications:

https://www.for.gov.bc.ca/his/results/RISS_Is_4_ed_May%202015.pdf

Silviculture Information Submission Guidebook: <https://www.for.gov.bc.ca/hfp/publications/00026/pdf/fs708-guide.pdf>

Non-mappable components that are delineated at the Site Plan stage as CENGEA SU's can affect the disturbance report submission into RESULTS if the area is smaller than the recommended size.

Non-mappable components need to be accounted for when doing submissions to RESULTS. By making sure that the information is correctly entered prior to the harvesting of the block, it will reduce the amount of potential amendments to fix these areas prior to RESULTS Disturbance Reporting, and reduce the issues that BCTS staff have with submissions.

For information regarding how to account for non-mappable components as part of the Depletion Reporting to RESULTS please see the following document:

\\acheron.dmz\ftp\TKA\mof_internal\!publish\GENUS\SOP User Guide\GENUS Resources\Block Module\Harvest Reporting.pdf

Document Change Tracking

Version	Date of Issue	Author(s)	Brief Description of Change
1.0	Dec 2015	Devona Hay	- Creation of document
	Feb 2016	Devona Hay	- Continue working on document identify names of the document for the links - Update header section, review with PF