

SILVA Update

November 29, 2023

Our team is responsible for the development of the SILVA business application. Aside from modernizing RESULTS, SILVA also serves as the corporate tool for housing sector-wide land base investment data including Provincial Reforestation, Incremental Silviculture, Wildfire, Wildlife, Mountain Resorts, BC Parks, etc.



Welcome to SILVA

Plan, report and analyze your silviculture activities

[Release notes](#) - Jun 21, 2023

Log in with IDIR



Log in with Business BCeID



[Animation by Sara Figueroa](#)

Program update:

Team SILVA is making steady progress with ongoing user and business engagement. We are seeing some tangible results with the design and development. It is still early days; however, things are moving along well.

Due to reduced resources (training and vacation), we are providing a written summary in lieu of an online event.

High level highlights:

1. Opening home screens design for BCeID account holders (external clients).
2. Managing openings post free growing: government funded programs.
3. Geo-Spatial tool Proof-of-concept.
4. PostgreSQL database integrated with existing back-end service.

</> Development update:

1. React Leaflet demo for GeoSpatial activities.

Map Instructions

Creating a Polygon:

- Draw a Collection Area:** To create a new collection area, click the "Draw Polygon" tool.
- Draw:** Click on the map to start drawing your polygon. Click to add points and close the shape.
- Requirements:** Ensure your collection area meets the requirements in section 5.2 of the Chief Forester's Standards for Seed Use.
- Save:** Click "Submit" to save your polygon.

Editing a Polygon:

- Edit a Collection Area:** To edit an existing shape, use the "Edit Polygon" tool.
- Edit:** Click on an existing polygon to select it for editing.
- Requirements:** Ensure your changes still meet the requirements in section 5.2 of the Chief Forester's Standards for Seed Use.
- Save:** Click "Submit" to save your edits.

Navigating the Map:

- Pan:** Hold the "Shift" key and drag the map to move around.
- Zoom:** Click the "+" or "-" buttons, or hold "Shift" and drag a box on the map to zoom in and out.
- Switch Basemap:** Select a different base map from the options.
- Identify:** Click on a polygon to view additional information.

RESULTS Mapping Tool
This tool allows users to draw the polygons on Map in an interactive way

Opening ID: -296010000
Opening Location Name: WIDGEON CR
Opening Category Code: FG
Opening Status Code: FG
Max Allow Permit Access (%): null
Approve Date: Thu Apr 30 1959
Client Name: null
Feature Area (sqm): 1003339.544
Mapsheet Grid: 92
Mapsheet Letter: G
Mapsheet Square: 047
Mapsheet: 92G047

2. Implementation of the Opening Screen design in the React application for Team Silva.

BCGOV RESULTS EXAM

Main activities

- Dashboard
- Opening**

Management

- Settings
- Notifications

Openings
Create, manage or check opening information

- Search opening**
Search for a opening to update or consult using advance filters such as activities, standards, codes or links
- Create a new opening**
Register a opening for tracking silviculture treatments
- Reports**
Consult and manage opening reports
- Upcoming activities**
Track opening activities and milestones

Recent Openings
Track your recent openings and select to check spatial activity

id	OpeningID	FileID	CuttingPermit	TimberMark	CutBlock	GrossAreaHa	Status	Category	DisturbanceStart	Created At	Last Updated	Actions
0	114207	TFL47	125	47/125	12-69	12.9	Free growing	FTML	-	2022-10-27	2022-10-27	🔍 ⬇️
1	114206	TFL47	12T	47/125	12-69	12.9	Free growing	FTML	-	2022-09-04	2022-10-27	🔍 ⬇️
2	114205	TFL47	12T	47/125	12-44A	12.9	Free growing	FTML	-	2022-09-04	2022-10-27	🔍 ⬇️
3	114204	TFL47	12T	47/125	12-44A	12.9	Active	FTML	-	2022-01-16	2022-10-26	🔍 ⬇️
4	114203	TFL47	12T	47/125	12-44A	12.9	Active	FTML	-	2021-12-08	2022-10-26	🔍 ⬇️

User engagement & RESULTS:

Opening home screen design:

2. Deliver handoff notes of high-fidelity opening home screen to the development team.
3. Apply SILVA design to notifications, settings and profile screens.



4. Send a survey to 25 government users to map possible metrics for opening home screens.
5. Analysis of suggested functionalities and metrics to create wireframes and design explorations.

Next steps:

1. External users Home Screen implementation and deployment to test.
2. Geospatial tool refinements.
3. Home Screen design options for IDIR account holders (primarily ministry employees).
4. Investigate new opening status codes/categories.
5. Investigate and creation of high-fidelity interface for government user's "dashboard".
6. Refine flowcharts of "ideal opening creation" workflow.
7. Investigate and prototype search filters.

Contact us:

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***Our Sprint Reviews are not exclusive events, please reach out to be added to our distribution list.**