

**Public Site Registry**

Informed accessibility, functionality and reporting for environmental protection and sustainability.

Version: August 2022 - November 2022  
Role: UI Design, UX Design, UI Researcher

**Project Background:**

The BC Land Rovereaster Service's Public Site Registry is a database maintained by the Ministry of Environment and Climate Change Strategy. It contains information about all land-protected areas in the province. These locations, their location, type of conservation, status of ownership, and a summary of the legislation place to protect them are publicly available.

**Project Summary:**

BC residents use the Public Site Registry to access land conservation information. The Registry is meant to inform residents and land holding organizations, land that is currently protected or may be in the future, and what has been removed. Residents can also purchase reports and certificates of ownership.

The current Public Site Registry is cluttered with unnecessary data accuracy and consistency issues, and lacks a clear purpose, making it difficult to use and understand, accessible and user friendly for its intended audience.

The redesign of the Public Site Directory serves to improve user's overall experience to assist them in solving the land data. I aimed to simplify the search experience, increase accessibility and understand the user flow.

**Research:**

I collaborated with the Product Services Designer on project research. We hosted workshops, focus groups and interview with Ministry staff, Land developers and residents, and environmental organizations. This research helped us to better understand how to ensure my designs aligned with regulation requirements.

**Key Findings:**

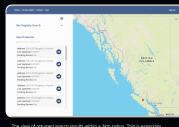
- The current system is failing to provide the information to the Site Registry System itself, and by staff prior to conducting a site investigation, resulting in a high level of error.
- The information provided by the Site Registry is believed to be accessible to all residents, yet contrary to that only one accessed through a paywall.
- A lack of clear communication between the public and the ministry regarding information.
- The current Site Registry is difficult to navigate and understand.

**Solution:**

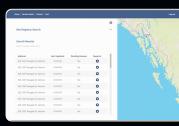
For the first iteration of improvements, my team focused on improving the search, filter and a redesign of the Site Registry.



A simplified main dashboard that offers live, single search surface to users.



The use of natural language results when a user types. This is especially helpful for search results in city or towns with multiple overlapping sites.



An extended view of available reports with additional data for users.



Once a user selects their site, the available reports appear.



Users can click on the reports they want to purchase individually or in packages before proceeding to checkout.



A high-level of service, evaluation report types and costs is included to provide more information to users.

**Result:**

The redesign facilitated easier communication and functionally while the Site Registry services different departments are shared centrally.

**Site Registry Services**

Service	Description	Type	Cost
Site Registry	Provides a central location for users to search and filter land protection areas.	Search	Free
Report Generation	Generates reports for individual sites based on user selection.	Report	Paywall
Subscription	Provides a package deal for users who require multiple reports.	Subscription	Paywall

A high-level of service, evaluation report types and costs is included to provide more information to users.

**Final Note:**

The redesign facilitated easier communication and functionally while the Site Registry services different departments are shared centrally.

**Conclusion:**

The redesign of the Public Site Registry aims to facilitate easier communication and functionally while the Site Registry services different departments are shared centrally.