Ultimarii

CASE STUDY

# Ten Years of Record, One Submission Window

**Prepared by Ultimarii** | 2026 | www.ultimarii.com



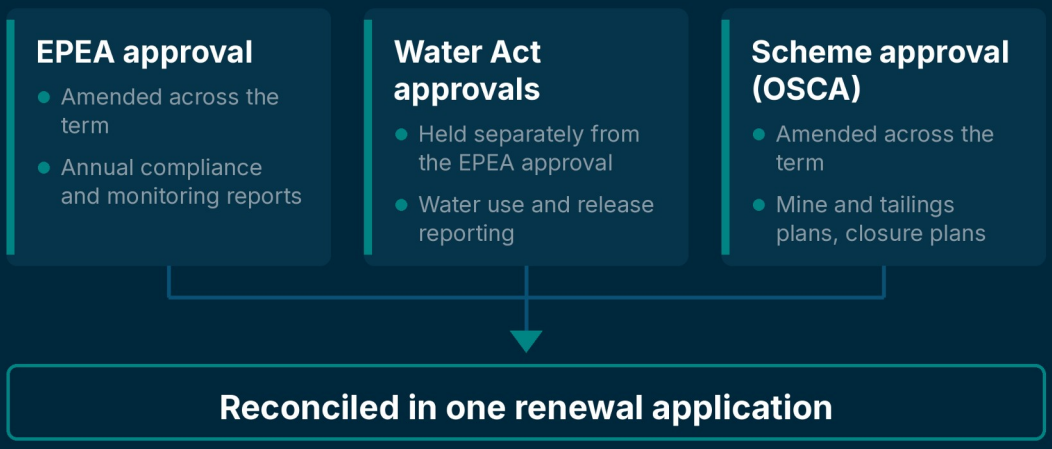
# The Deadline

A Canadian energy operator was preparing two Alberta environmental approval renewals in the same window. Both sites operate under the province's Environmental Protection and Enhancement Act. Submissions to the Alberta Energy Regulator are due in 2027, with drafts needed earlier for community consultation. One site was preparing its second renewal. The other was preparing its first.

The previous cycle showed the scale of the work. The operator filed that renewal in the 2010s, and it was approved after multiple supplemental information requests. Each request meant another pass through a decade of operating records.

Each site operates under several instruments at once: an EPEA approval, water licences and a scheme approval under the Oil Sands Conservation Act. The EPEA and scheme approvals collect amendments over time. Each instrument also has its own recurring filings. The renewal has to bring them all together.

**Figure 1: What one renewal has to reconcile**



# What a Ten-Year Renewal Requires

A renewal is a full application, even when the operation has not changed. The regulator requires the applicant to restate the current setting and environmental conditions across the approval period, then assess the change in each:

- Landscape, drainage and surface watercourses
- Groundwater, including quality against current monitoring results
- Ambient air quality in the surrounding area
- Soil, land capability and overburden characterization
- Vegetation and intended end land use
- Wildlife, species and habitat, including sensitive species

Each description needs supporting data and source references. The team also reviews every condition on the existing approval and files a long-term closure and reclamation plan.

The application must also summarize every legislative and directive change since the last approval. The regulator requires this section, along with an analysis of comparable projects, a consultation record and a gap analysis against current requirements.

To answer those requirements, the team has to find everything the company has already filed on the subject. That means ten years of annual monitoring reports, supplemental responses, amendment applications and closure plans, with a clear check that nothing was missed.

The current wording of a condition may sit across the original approval and years of amendments. Commitments made in earlier response letters still apply to the renewal being written now.

Experienced regulatory specialists do this work. Their challenge is keeping ten years of the company's record in view at once.

**Figure 2: Where an obligation lives**




A single obligation can be created at any tier and modified at any tier above it. The renewal has to account for all five.

# What the Renewal Programme Gains

Ultimarii is a regulatory AI studio. It brings the operator's own filing history and the public regulatory record into one searchable place, and playbooks turn the repeatable parts of a renewal into workflows the team runs on demand. Less time spent finding and checking documents means less budget spent reaching a first draft.

The operator's regulatory team identified four ways Ultimarii helps.

- ✓ **Research time.** A 50 to 75 percent reduction in the document review and precedent research behind much of the application.
- ✓ **Schedule.** A potential six months gained against a submission date known years in advance.
- ✓ **Fewer supplemental information requests.** A pre-filing check against current requirements helps the team address likely questions earlier.
- ✓ **Continuity of the record.** The reasoning behind past filings remains available to the people preparing this renewal and the next one.

*Figures reflect the value case developed with the operator's regulatory team against its 2027 renewal programme, and are forward-looking estimates rather than audited savings.*

# Putting the Record in One Place

Most renewal questions need two kinds of material: what the operator has filed itself, and Alberta's public record of directives, manuals, legislation and other operators' filings. Neither one comes with a general-purpose AI tool.

Ultimarii started with the operator's own record. We built private libraries from its regulatory history and organized them around the work itself: applications separate from approvals, water licences from compliance reports, and internal planning documents from dam safety packages.

We paired those private libraries with Ultimarii's curated public sources: the regulator's directives and manuals, provincial and federal legislation, and other operators' public filings.

| 1M+ | 50+ | 2.5 yrs | Monthly |
|---|---|---|---|
| regulatory documents | Canadian regulatory bodies | to build the corpus | update cycle |

The platform runs in an isolated tenant with the operator's material held separately, and carries SOC 2 and ISO certification. Security assessment preceded use.

Every answer includes inline citations. The user can open any citation to the source document and page.

> **The operator's own decade of record became searchable in the same place as the rules it has to satisfy.**

Training centred on the filings the team had to produce. Group workshops and one-on-one sessions helped each specialist build a workflow for the document they owned.

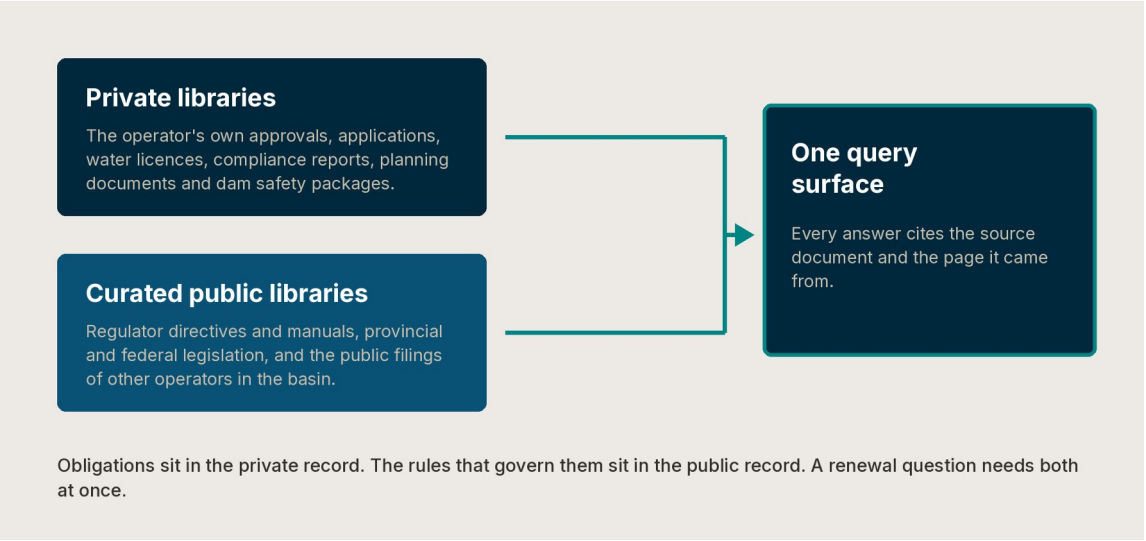
# Putting the Record to Work

Once the libraries were ready, the team used the platform across the renewal programme:

- ✓ Drafting renewal sections from the operator's own source record
- ✓ Checking draft filings against the underlying reports
- ✓ Tracking commitments across a decade of applications, information responses and closure plans
- ✓ Combining an original approval and its amendments into one current set of conditions
- ✓ Comparing conditions and management strategies with other operating mines in the region
- ✓ Building provincial submissions section by section against the governing sources

The repeatable ones run as playbooks, so the team can do the same job again without building it from scratch.

**Figure 3: Two shelves, one question**




Obligations sit in the private record. The rules that govern them sit in the public record. A renewal question needs both at once.

A regulatory specialist needs to be able to trace every submitted sentence to its source.

# Why It Transfers

This case is drawn from an Alberta environmental approval renewal. The same working problem reaches across the energy sector, where long-cycle approvals build years of amendments and correspondence.

A renewal is on the calendar years ahead. An operator facing a long-cycle approval needs its own record alongside current rules and relevant precedent. The time saving starts when that material is ready before the work begins.

**Knowing the rules is first base. Proving you have met them is the home run.**