



Hatch Integrated Tailings Management

Drive safer, smarter tailings management
with an advanced, future-ready SaaS solution

HATCH



Modern tailings management demands integration

Today's tailings operations face growing pressure—from aging infrastructure and tighter budgets to evolving safety standards and rising scrutiny from communities. Teams are being asked to do more with fewer resources and the same outdated tools they've relied on for decades. Siloed systems, spreadsheets, and manual reporting contribute to reduced efficiency and increased exposure to risk.

Hatch Integrated Tailings Management (HITM) addresses these challenges head-on. As a purpose-built SaaS solution, HITM digitizes and connects the core activities of tailings operations—monitoring, communication, compliance, and reporting—so teams can respond faster, reduce uncertainty, and maintain continuity in the face of change. Designed to support the full tailings operation lifecycle, HITM helps ensure nothing is missed when it matters most.

The costs of inaction

Managing tailings, a necessary byproduct of the mining process, is one of the most important and visible pillars of responsible and efficient mining. With most failures occurring because of preventable causes, current systems often fall short of delivering effective monitoring and prediction capabilities. The costs of inaction are severe:

- Fatalities and other direct impacts to downstream communities
- Regulatory penalties and legal consequences for non-compliance
- Environmental incidents leading to damages and loss of public trust
- Costly inefficiencies from delayed or ill-informed decision making

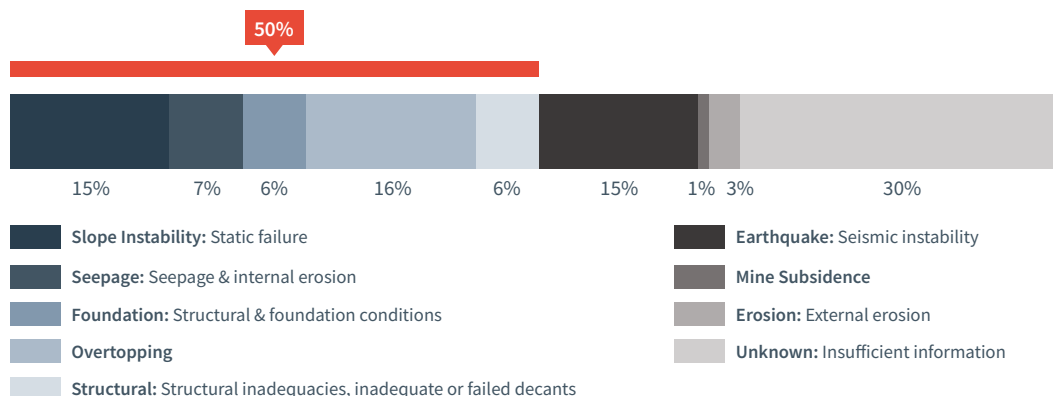


Figure 1: Half of tailings dam failures are linked to preventable causes. Disaster avoidance comes from experience, context, and the interactions between individuals across several failure modes—not from data alone.

Transform the way you manage tailings

Make confident decisions with real-time, integrated monitoring

Isolated systems and siloed data make it difficult to see the full picture, slowing decision-making and increasing risk. HITM enables integrated, real-time monitoring with automated alerts, customizable thresholds, and seamless integration into your daily workflows. HITM ensures your team sees issues earlier, acts faster, and never misses a critical signal.

Move beyond spreadsheets with intelligent, digitized workflows

Spreadsheet-based workflows slow you down and expose you to errors. HITM digitizes these activities, making them faster and more reliable, while capturing clean, structured data for future analysis. With access to real-time data and the ability to communicate in context, HITM ensures everyone has the information they need, when they need it.

“HITM gives our data more meaning. With increased monitoring and visualization, I’m able to correlate multiple data sources in an instant, allowing me to make better informed decision both on and offsite.”

—Site Tailings Engineer



Figure 2: The HITM map view allows teams to monitor real-time sensor data in context.

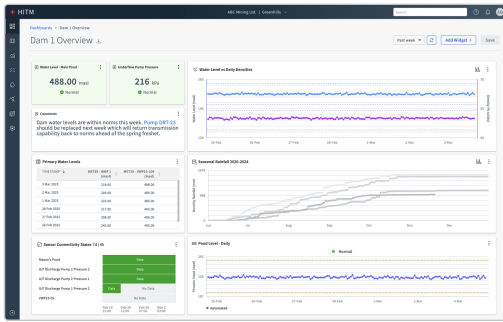


Figure 3: HITM's customizable widgets make it easy to create tailored dashboards that meet your monitoring and reporting needs.

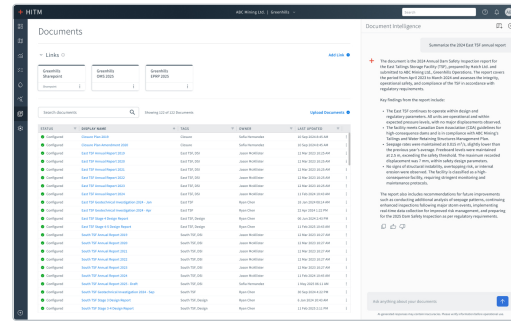


Figure 4: Critical site information stays organized and accessible with HITM's built-in, AI-powered document intelligence.

“HITM has streamlined operations by giving us quick and easy access to data. With everything available in just a few clicks, tasks that previously took my team hours are now completed instantaneously.”

—Site Tailings Director

Protect operational continuity with a centralized knowledge base

Team turnover can create gaps in understanding that slow progress and increase risk. HITM keeps everyone aligned by centralizing critical site information and making it easy to search and summarize through built-in document intelligence. With HITM, your site knowledge stays intact, no matter who's on the team or how the plan evolves.

Unlock a smarter future with structured, AI-ready data

Tailings sites generate a rich archive of operational data that often goes untapped. HITM unlocks this hidden value through structured data exports that enable advanced modeling and analytics, such as phreatic surface trend analysis and deposition forecasting, in your preferred platform. With HITM, your data doesn't just record the past—it powers a smarter future.

HITM is easy to adopt, built to scale, and ready when you are.



Integrates seamlessly

HITM connects to 350+ sensor types to deliver standardized real-time data from your existing systems—no rip-and-replace required.



Scales to your needs

From smaller, single-TSF sites to large, multi-facility operations, HITM delivers value across every size and level of complexity.



Backed by experts

Our tailings experts work closely with your team through implementation and beyond to ensure you have the support you need.



Secure and trusted

SOC 2-compliant and built on Microsoft Azure's enterprise-grade cloud, HITM ensures access is controlled and your data is protected.

The clock is ticking on GISTM compliance. Are you ready?

Global conformance expectations rise in August 2025 for all facility classifications. If you're feeling the pressure, you're not alone—HITM can help accelerate and maintain your path to compliance.

Your path to compliance starts here.

Tracking, measuring, and validating progress against the Global Industry Standard on Tailings Management (GISTM) can be daunting. HITM simplifies this process by providing a structured platform purpose-built to help you no matter where you are: just starting out, getting ready for your first assurance audit, or setting up for ongoing conformance.

From accelerating internal self-assessments to preparing for GISTM audits, HITM offers the tools, templates, and traceable workflows needed to manage your conformance journey with confidence. Evidence management, highly flexible reporting and data views, progress tracking, and long-term stored snapshots all combine to make the work start faster and finish cleanly.

Blend self-assessment learnings with the quality of assurance results.

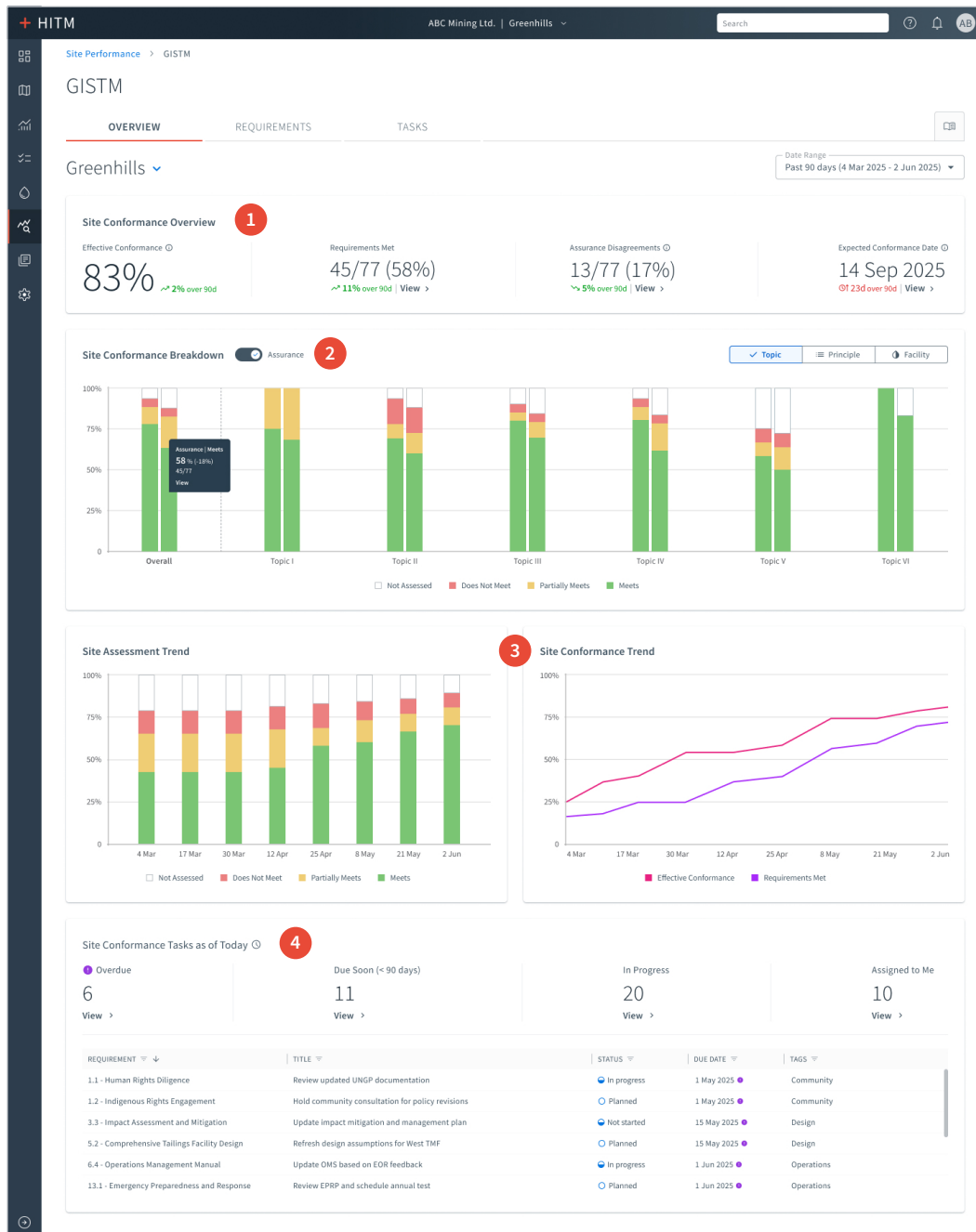
A strong site self-assessment score can bring early confidence, but audited conformance is often significantly lower than initially reported, which can be cause for concern. HITM helps avoid this by surfacing assurance tools and activity alongside work done by operations and corporate teams, giving a live picture of conformance as it happens, and allowing for early response and corrections well ahead of the delivery date.

Expert guidance that drives actionable results.

For operations that need a helping hand, our tailings and governance experts can provide gap assessments that bring an objective, third-party view of your current GISTM conformance. These comprehensive assessments highlight blind spots, identify priorities, and deliver a practical, actionable roadmap for closing the gap that is fully integrated within HITM. Each finding is mapped to the system's workflow, enabling you to assign responsibilities, monitor corrective actions, and track progress over time. HITM's fully integrated approach, founded on Hatch's engineering expertise, turns recommendations into actionable results—with the transparency and structure needed to deliver the right plan and the right results for your team.

Take the next step toward GISTM conformance. Contact us to discuss your gap assessment needs at hatch.com/tailings.

Track your conformance and alignment in a single view.



- 1 Review high-level conformance metrics and trends at a glance.
- 2 Dive deeper to understand gaps between self and assurance assessments.
- 3 Easily understand and communicate the progress you're making over time.
- 4 Monitor the status of conformance tasks to keep your roadmap on track.

+ About Hatch

Whatever our clients envision, our engineers can design and build. With over six decades of business and technical experience in the mining, energy, and infrastructure sectors, we know your business and understand that your challenges are changing rapidly.

We respond quickly with solutions that are smarter, more efficient, and innovative. We draw upon our 10,000 staff with experience in over 150 countries to challenge the status quo and create positive change for our clients, our employees, and the communities we serve.

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