

# Trinity Helps Global Mining Leader Translate Biodiversity Values into Site-Level Action

## CHALLENGE

Imerys wanted to assess ecological conditions and identify biodiversity risks across 460 acres at a priority U.S. site as part of its proactive commitment to environmental stewardship. The company engaged Trinity to conduct a comprehensive biodiversity study and create an effective biodiversity management plan.

## SOLUTION

Trinity conducted a field study with ecological surveys, eDNA sampling, and GIS mapping to build a science-based plan aligned with Imerys' sustainability goals. The Trinity team adapted in real time to overcome challenges and delivered clear next steps tied to Imerys' operational priorities.

## RESULT

Trinity delivered a biodiversity management plan which helped the Imerys team prioritize biodiversity mitigation and management actions, reduce risk, and meet internal goals. The plan is informing training materials and is expected to guide the management of biological assets at the site and across operations within the United States.

Imerys is the world's leading supplier of mineral-based specialty solutions, with 12,400 employees and operations in 40 countries. The France-based company serves a wide range of industries with solutions for energy transition, sustainable construction, and natural consumer goods. Sustainability is core to its mission, and in North America, that commitment includes a focus on biodiversity.

To help meet its biodiversity goals, Imerys partnered with Trinity Consultants to conduct an ecological assessment of its 460-acre Quincy, Washington site, which had not previously been the focus of a formal biodiversity evaluation. Imerys wanted to establish a biodiversity baseline to shape future site planning and mitigation efforts while providing transparency and building trust with local landowners. The initiative supported the company's broader commitments under the act4nature International initiative.

## CHALLENGE

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Imerys wanted to assess biodiversity risks at the Quincy site, however there was not an established regulatory framework to follow. The site's flat, arid terrain, which was exposed to high winds and home to a variety of native and invasive species, increased the complexity of the task. Defining what constituted ecological health and determining how to approach restoration required a thoughtful approach and local expertise.

This was one of Imerys' first large-scale, site-level biodiversity assessments in the United States. The company was looking for a partner who could help its teams interpret findings and translate those insights into practical, actionable steps aligned with operational realities and community expectations.

## SOLUTION

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Trinity began by working with Imerys to clarify project goals and define a tailored scope of work. The team then conducted detailed fieldwork, including ecological surveys, vegetation mapping, and environmental DNA (eDNA) sampling to detect low-visibility species.

Trinity's approach remained flexible throughout the process. The team adjusted field plans to navigate access limitations and ensure thorough ecological coverage. Ecologists and strategic sustainability leads collaborated closely to balance scientific integrity with usability.

The outcome was a clear, prioritized biodiversity management plan. Trinity used a scoring system to evaluate each mitigation recommendation by ease, urgency, cost, and ecological benefit. This enabled the Imerys team to make informed decisions and allocate resources efficiently.

## RESULT

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The assessment provided Imerys with a better understanding of where ecological value was highest, which areas required mitigation, and how to achieve the most impact through restoration efforts. A notable early win came from identifying invasive species in an existing seed mix used for site reclamation. With that insight, Imerys quickly worked with its supplier to revise the mix, making an immediate, measurable improvement.

The scoring provided by Trinity also gave Imerys a way to focus on the most impactful next steps. The plan laid the groundwork for a formal biodiversity action plan and guided preparations for a corporate follow-up assessment.

The findings are also helping inform environmental training materials for site teams and guiding updates to land management procedures. As Imerys explores how to scale its biodiversity strategy across operations, it can leverage the Trinity framework for use at additional North American locations.

*We're trying to be proactive about biodiversity. Trinity understood that from day one and worked with us to build a plan that reflects both our values and our operational realities.*

**-JENELLE SAMS, SUSTAINABILITY MANAGER, IMERYS  
PERFORMANCE MINERALS AMERICAS**

### ABOUT TRINITY CONSULTANTS

Trinity Consultants, a leading global environmental consulting firm, provides services and solutions in the EHS Regulatory Compliance, Built Environment, Life Sciences, and Water & Ecology markets. Founded in 1974, Trinity has the technical expertise, industry depth, and capabilities to help clients achieve their goals across the natural and built environments.