

Sulphuric Acid Bund

Project: Newmont Granite Mine

Category: Secondary Containment

Completion

Date: April 2007

Product: Rhino Linings Hi-Chem



Job Description

Newmont Tanami Pty Ltd is a wholly owned subsidiary of the world's largest gold producer, Newmont Mining Corporation. The Tanami operations in the Tanami Desert of the Northern Territory include a processing facility at The Granites, located 330 miles (531 kilometres) northwest of Alice Springs. Due to the remoteness of the area, Newmont mines maintain two camps on site for contractors and Newmont employees, who work on a fly-in, fly-out schedule.

Rhino Linings was awarded the job of spraying a banded area around a new Holding Tank containing Sulphuric Acid at 98% concentration. This secondary containment bund was required to satisfy both safety and environmental regulations (EPA).

After substantial preparations of the concrete bund area were carried out, a seamless lining of Rhino Linings Hi-Chem was applied to the walls and a Geotextile base blanket. This created a seamless secondary containment area ensuring that any expansion /contraction of the new banded area would not create a failure of the Rhino Linings application.

Walkway areas within the banded area were coated in Rhino Linings Top Coat safety yellow colour, which contained a pedestrian non-slip aggregate. This identified the trafficable areas inside the bund to prevent slippage and maintain safety standards.

This remote and difficult application was completed within seven (7) days of arrival at the mine site and was a credit to the combined team from Rhino Linings Darwin and Rhino Linings Australasia.



Before



After

