



# CASE STUDY

## Mine Slime Pond – Four-Layer Geosynthetic System



▼ **LOCATION:** Cigar Lake, Saskatchewan

▼ **PROJECT TYPE:** Supply and installation

▼ **PRODUCT USED:**

12 oz. non-woven geotextile, 80 mil smooth geomembrane, geonet and 80 mil single-sided textured geomembrane.



▼ **PROBLEM:**

A local mine site required a durable liner system for a 40,500 m<sup>2</sup> or 435,000 sq. ft. mine slime pond.

▼ **THE TITAN SOLUTION:**

We lined the slime pond with a four-layer geosynthetic system including 12 oz. non-woven geotextile, 80 mil smooth geomembrane, geonet and 80 mil single-sided textured geomembrane. We installed each layer as specified and successfully completed the project within the projected time frame amidst strict site requirements and less than ideal weather conditions.



▼ **ACHIEVEMENT:**

We were awarded the project based on our experience with these projects and the mine's satisfaction with our work on previous slime pond lining projects.

Contact us for more information:

**TITAN ENVIRONMENTAL CONTAINMENT**

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