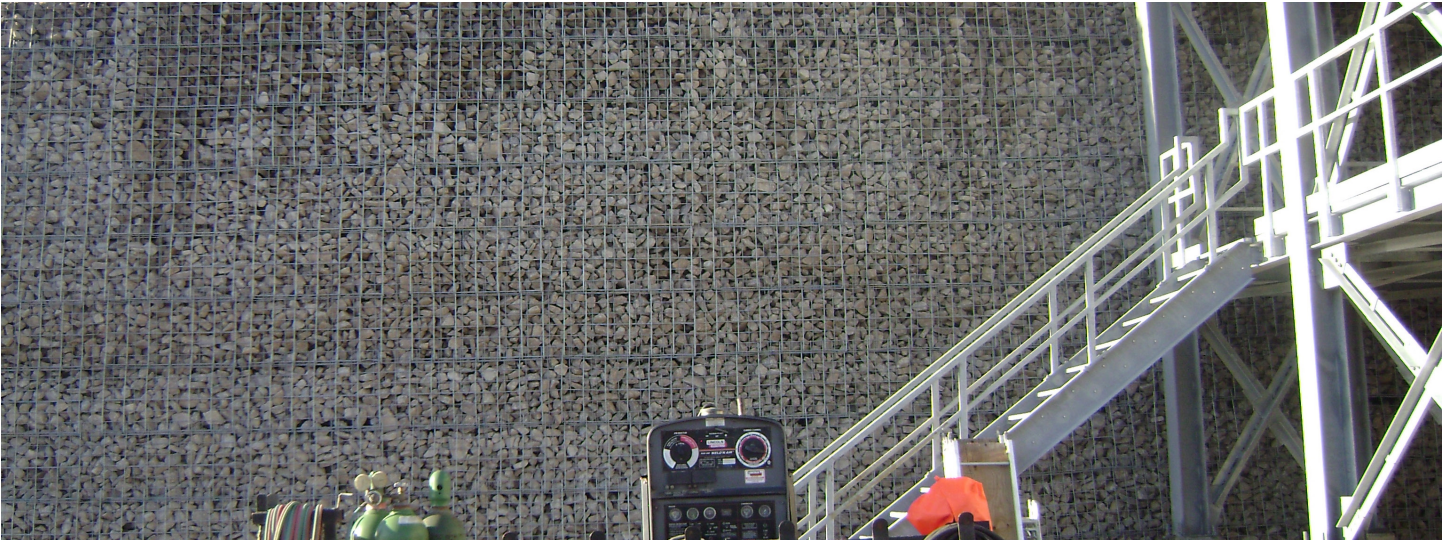




Atlantic Industries Limited

PROJECT PROFILE



Innovative crusher wall installation avoids extra costs

Our engineers worked with the client to develop a more efficient solution

When AIL was contracted by Dufferin Aggregates to design and manufacture a crusher wall for their Flamboro Quarry, our team had to look at the project from all angles.



Project at a glance:

Name: Dufferin Aggregates Crusher Wall Project

Owner and Contractor: Dufferin Aggregates;
A division of Holcim (Canada) Inc.

Product: MSE Retaining Wall System
(Wire Walls)

Sector: Mining & Energy



Atlantic Industries Limited

PROJECT PROFILE

In a typical dump wall installation, the crusher is set in an excavated pit on the quarry floor. However, this site's water table was too close to the quarry floor and expensive pumping systems would have been required. Our engineers worked with the client to develop a more efficient solution.

AIL rises to the occasion with a customized design

We designed a truck ramp using our MSE Wire Walls. The double-wide, double-sided ramp allowed the crusher to be installed in a shallower pit without going below the water table. The client was also able to use on-site materials for all fill and cobblestone face requirements, which saved significant time and money. The crusher wall covered a total area of 380 square metres (height 8.5 m, length 55 m) and was built entirely by Flamboro's crew.



This project coincided with the quarry's seasonal shutdown, so finishing on time was key. With precision planning and prompt manufacturing, the Flamboro crew easily installed the crusher wall in the time allotted.

A cost-effective and efficient solution

"AIL's wall design offered both a cost-effective and efficient solution to our challenge," explains Alex Caruana, Flamboro Quarry Production Engineer. *"The wall construction was efficient since we were able to construct it entirely using on-site material, with equipment and labour readily available during our seasonal plant shutdown. Overall, the wall looks good and fit the application perfectly."*

See all Project Profiles on ail.ca

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