

CASE STUDY

Water and Wastewater

Project Specs

Location: L'Île-Perrot, Québec, Canada
Application: Pumping Station Upgrade
Product: Fibergrate® Molded Grating, Covered Grating, Dynaform® Structural Shapes, Dynarail® Ladders and Safety Handrails, and Fibertred® Molded Treads

Overview

A pumping station in Île-Perrot was required to meet the Québec Building Code. The existing stairs and guardrails were made out of steel and no longer met code. Since the pumping station required new equipment, the decision was made to replace all existing stairs and guardrails. Fibergrate FRP was specified, over steel, for this replacement project.

Problem

The workspace available to install the Fibergrate solution was very tight. The station was also considered to be a high humidity environment. Suspended platforms were required, in addition to new staircases and guardrails.

Solution

Fibergrate was able to provide the client with newly fabricated guardrails and staircases. The systems were all pre-assembled, which assisted with the ease of installation. Due to Fibergrate's lightweight properties and corrosion resistance, all of the client's criteria were met:

- Designed to New Provincial Building Code requirements.
- Long-lasting, corrosion resistant system.
- Easily installed with no heavy equipment or specialized labour required.



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