



IRISH STEEL
AWARDS **2025**

in association with

RFL
STEELS LIMITED

Shortlisted Finalist // Voting ID: #6602

Finished Projects

Constructional Steelwork – Civil Works

Noel C Duggan Structural Steel Ltd –

Regional Biosolids Storage Facility

Huntstown, Co. Dublin

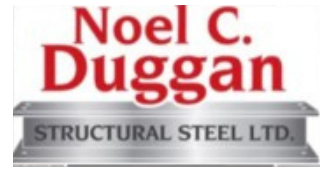




Voting ID: #6602 | Constructional Steelwork – Civil Works

Regional Biosolids Storage Facility

Huntstown, Co. Dublin



Project Story:

The Regional Biosolids Storage Facility is a facility for the storage of treated biosolids produced from wastewater treatment plants in greater Dublin.

The new biosolids storage facility will form a key part of the upgraded wastewater treatment network for greater Dublin and will facilitate its continued social and economic growth while protecting the environment.

Contracted by Ward & Burke on behalf of Uisce Éireann, we Fabricated, Hot Dipped Galvanised & Erected 850Tn of Structural Steel. This project was demanding in terms of treatment of Steel.

Being a C5 environment, which is the highest corrosivity category, we required to take great care in the galvanising, transportation & erection sequence to avoid any damage on the steelwork.

The Galvanising required no less than 140microns which Shannonside Galvanising Plant took care of. There was no steel allowed on the project less than 6mm thickness meaning all secondary supports required for the Cladding needed to be Hot rolled members, including the HD Bolts and Steel to Steel Bolts.

Project Team:

Main Contractors - Ward & Burke

Consulting Engineers - Coyle Kennedy

Galvanisers - Shannonside

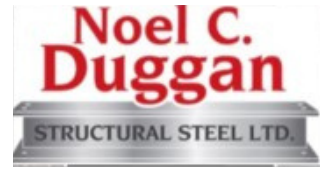




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The Nominee thinks this deserves to win an award because:

Standing 850Tn on top of 8m high 600mm thick mass concrete walls has its own difficulties but pairing that with a C5 Corrosivity Environment added to the care our team takes when handling steelwork on site. When you take on a project with 9000No Members all with 140 microns of Galv on them, it is a challenge but one we succeeded with.

Having Shannonside as a partner with us paid dividends especially handling 18.3m bridge beams, which only a few can HDG in Ireland to the spec required.

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