



Petuna

Petuna is committed to producing the highest quality, sustainably sourced seafood, whilst responsibly maintaining the welfare of their fish and the environments in which they operate.

Compelling need for the project

Petuna was encountering continuous erosion of the clay earth embankments at their grow out ponds. The constant erosion was causing site challenges and safety concerns.

Celebrating key collaborators



Maintenance Welding Pty Ltd

HAYS Recruiting experts worldwide



Nuts & Bolts Tasmania

Becks Mitre 10

Grow-out pond erosion solution including supply and installation of precast concrete tilt panels Cressy, Tasmania Wiley services delivered: design and construction

Business value created for the client

Petuna was originally considering removing the outdoor ponds, due to the risks involved in maintaining and accessing them. This project solution has provided easy to maintain ponds for Petuna staff and safe access and egress when working in and around the ponds.

Petuna were able to maintain their natural environment for the growing and maturing process of Salmon Parr, including the outdoor ponds. Petuna are able to produce a unique tasting product, due to the natural process of raising salmon and trout outdoors, a process that is typically carried out indoors.

The challenging scope Wiley delivered

Petuna engaged Wiley to provide a safe and cost-effective design to stop the continuous erosion of the clay earth embankments. The project involved supply and installation of new structurally-engineered precast concrete wall panels, forming a solid wall face to each side of the existing clay earth pond walls. Upgrades were also carried out on an existing cross over bridge, enabling the feed truck to access the ponds safely.

Wiley managed the safety risks for Petuna during project delivery, providing:

- A safe access and operational environment around the ponds
- Safe lifting of tilt panels over the ponds and concrete pumping
- Biosecurity of the site as this is an operating fish hatchery

"Wiley engaged local structural engineering firm, 6ty° Structural Engineering, along with local subcontractors and suppliers to deliver the project. Timing was critical, as milestones had to be achieved due to the two ponds being out of action and not in use. Petuna are proud to be the most sustainably certified aquaculture company in Australia, with the highest certifications of any aquaculture company in the world and we are proud to work with them" Logan Ashmole, Wiley Tasmania's Senior Project Manager