



BrickHouse

T E C H N O L O G I E S



water and wastewater solutions

Asset protection | Design and product selection | Future-proofing | System design | Turnkey solutions
Service and maintenance contracts | Remote monitoring and support | National coverage

Brickhouse Technologies is a major provider of water and wastewater solutions across the municipal, food processing and industrial sectors.

Whether the task is designing a substantial water and wastewater plant, or you are faced with a specific challenge in the industrial/food processing sectors, Brickhouse Technologies are equipped to help.

Our company has positioned itself to bring nothing less than the latest technology to the New Zealand

and Australian markets. With an understanding of the environments that our equipment operates in – from inlet works to tertiary treatment, we source/supply what is considered the most suitable and robust solution for your specific situation.

What we offer



Ponds

Brickhouse Technologies is New Zealand's leading supplier for Pond Treatment to both municipal and industrial wastewater treatment.

Key Products and Applications

- Reducing sludge and optimising wastewater plant processes for enhanced water quality.
- Removing odour from ponds/lagoons and activated sludge plants.
- Saving electricity while aerating, reducing sludge and optimising effluent water quality in wastewater treatment ponds and lagoons.
- Eliminating odour, FOG (fats, oils, and grease) in wastewater collection systems.
- Providing concise digital profiling of the bottom of lagoons, ponds and lakes for determining solids/sludge buildup volumes, including exact solids formation location(s).
- Bio-remediation of contaminated soils and water bodies.
- Dissolved oxygen monitoring and control, especially for harsh applications in wastewater and aquaculture lagoons, ponds and waterways.



Water Treatment

Brickhouse Technologies is New Zealand's leading supplier for Water Treatment of municipal and industrial application.

Key Products and Applications

- Johnson Screen water intakes
- Fish protection screens
- In-Eko micro screening – drum and disc filters
- Sand and media filters – gravity and pressurised
- Johnson Screens Triton Underdrains
- Clarifiers – circular and laminar
- UV disinfection
- Membrane, RO, UF, Cartridge filtration
- Penstock and Stop Logs



Headworks

Brickhouse Technologies is New Zealand's leading supplier for Headworks applications with screening and grit removal in both municipal and industrial wastewater treatment.

Key Products and Applications

- Coarse and fine screening





- Solid separation and recovery
- Pre MBR fine screening
- Packaged treatment plant – screening and grit
- Vortex Grit System 270° and 360°
- Grit Classifiers and Grit Washers
- Screw conveyors
- FOG removal
- Nog Wash compactor and wash press
- Penstock and Stop Logs

Tertiary Treatment

Brickhouse Technologies is New Zealand's leading supplier for Tertiary Treatment of municipal and industrial wastewater.

Key Products and Applications

- In-Eko micro screening – drum and disc filters
- Sand and media filters – gravity and pressurised
- Johnson Screens Triton Underdrains
- Clarifiers – circular and laminar
- HydroGrav clarifier adapters
- UV disinfection
- Membrane filtration

Aeration

Brickhouse Technologies is New Zealand's leading supplier for Aeration for both municipal and industrial wastewater treatment.

Key Products and Applications

- Air Diffusion Systems – fine bubble aeration has naturally treated billions of gallons of water and wastewater
- Reliant USA – Lagoon Master pond and Lagoon sludge activating aerator
- Passavant Mammoth rotor – surface aerators
- Passavant fine bubble diffusers – tube and discs
- DBS – bridge mounted and floating aerators

Sludge Dewatering

Brickhouse Technologies is New Zealand's leading supplier for Sludge Dewatering, Thickening and handling for both municipal and industrial wastewater treatment.

Key Products and Applications

- Gravity belt thickeners
- Drum thickeners
- Poly and emulsion preparation units
- Dynamic and static mixers
- Centrifuges
- Sludge press
- Chamber and filter press units
- Mono Belts and belt press
- Sludge conveyors
- Picket fence thickeners
- Sludge screening

Agencies



NOGGERATH®



Teknofanghi



PASSAVANT
GEIGER

Sam McCoy



RELIANT
Water Technologies



 **BrickHouse**
TECHNOLOGIES

water and wastewater solutions

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How can we help you

Asset protection

Brickhouse Technologies recognise the importance of each application and the environmental service it provides. For that reason, we want to start our customers with the very best equipment we can source through a rigorous process, then offer service contracts that optimise the economic life of the equipment from day one.

Design and product selection

Brickhouse Technologies have a strong in-house team of engineers with extensive experience in both process and plant design. The team is focused on walking our customers through the full field of product and design options that are available to them.

Future-proofing

It is evident to the Brickhouse Technologies team that the requirements of many customers change over time. There is a large array of inputs that need to be considered in both the product/process selection, and design layout. The Brickhouse team will work with its customers to consider the longer-term implications for our customers.

National coverage

Brickhouse Technologies recognise the importance of face to face contact. As a business with a long-term view to supporting this market in New Zealand and Australia, we have a large team strategically located to support our business.

System design

Brickhouse Technologies appreciate the importance of conceptualising a fully considered process before progressing with implementation. The most economic way to assess and make adjustment is in the design stage. This applies to the layout and product selection.

Turnkey solutions

Brickhouse Technologies offer the option to take much of the challenges of commissioning away from the customer by offering turnkey solutions. Whether a large municipal plant or an industrial application, the turnkey option makes the start-up process a lot easier, simpler and safer for you.

Service and maintenance contracts

In addition to supplying the solution, Brickhouse Technologies has both the reliability and longevity of its systems in mind. Our team of trained technicians have a sound understanding of what we sell and can provide multiple levels of service and maintenance contracts.

Remote monitoring and support

Brickhouse Technologies will protect your asset and its performance by staying at the forefront of the evolving technology in its many shapes and forms. Our intention is to review in partnership how we can tailor monitoring specific to the customers needs.

