

2 Looking after our environment

We're taking good care for the environment and our communities during the Hawke's Bay Expressway project. We have comprehensive environmental controls in place, are minimising construction impacts and enhancing sustainability.

Protecting our wildlife

Our ecologists carried out a bird deterrent programme to avoid birds nesting near the Tutaekuri River work zone.

Our ecologists have surveyed the entire project area and its surrounds. The surveying is a legislative requirement under the Wildlife Act 1953, which safeguards all of New Zealand's native species from harm.

We've recorded indigenous bird species, and are actively protecting them, eg by avoiding vegetation removal during bird nesting season. We also searched for geckos, bats and lizards ahead of vegetation clearance.

Protecting our waterways

What we are doing:

- Creating temporary channels to keep water flowing and allow fish passage during works
- Capturing and relocating freshwater fish and invertebrates upstream or downstream
- Minimising duration of work in streams
- Preventing spillages from machinery and equipment into or near streams
- Putting erosion and sediment controls in place to reduce runoff into streams
- Putting ecological management plans in place to protect the streams and rivers.

Stormwater treatment

Permanent stormwater treatment devices will be installed to catch runoff from the new road carriageway and treat it naturally before it is discharged to nearby flowing waterways.

Around 80% of all particles and contaminants which gather on roads will be removed using naturalised swales, stormwater pond systems and engineering treatments.

Key environmental protection areas

Purimu Stream
flows into
Ahuriri Estuary

Kennedy Road work site and laydown:

- Erosion and sediment control
- Naturalised swales and stormwater quality devices

Purimu Stream:

- Water quality monitoring

Meeanee Road work site and laydown at the top of the **Purimu Stream:**

- Erosion and sediment control
- Stormwater management
- Refuelling/hazardous substance exclusion zone

Tutaekuri River work site and **Guppy Road** laydown:

- Bird protection
- River diversion - fish rescue
- Cultural monitoring
- Groundwater monitoring
- Gravel extraction
- Erosion and sediment control
- Flood management
- Restoration of reserve