

Erosion and sediment control (ESC)

At Te Ara o Te Ata – Mt Messenger Bypass, we're proud of our erosion and sediment control (ESC) measures.

ESC is a range of methods to prevent sediment entering natural waterways. At Mt Messenger, we use a combination of erosion control techniques, such as silt fences, clean water diversions, sediment retention ponds and decanting earth bunds (temporary berms or ridges of compacted earth constructed to create containment areas where ponding of runoff can occur). The effectiveness of an ESC plan relies on a well-thought-out combination of these measures to protect our precious waterways.

Our environmental experts are constantly working on ways to reduce the amount of erosion during earthworks, and to hold any dirty water so sediment can settle out. The Taranaki Regional Council conducts weekly inspections to make sure our protections are robust.

Erosion and sediment control is a large part of any earthworks project, but particularly on Te Ara o Te Ata. The scale of the job and difficulty of the terrain are huge factors, and we're committed to our promise to Ngāti Tama to tread as lightly as possible on the land.



Te Ara o Te Ata

WAKA KOTAHĪ
NZ TRANSPORT
AGENCY

Mt Messenger Bypass



For project updates please visit nzta.govt.nz/tearaoteata

Te Kāwanatanga o Aotearoa
New Zealand Government