

# ENVIRONMENT EFFECTS STATEMENT



## Edithvale-Seafood Wetlands

At Edithvale and Bonbeach, the level crossings will be removed by lowering the rail line into a trench.

Because of the projects' proximity to the Ramsar-listed Edithvale-Seafood Wetlands, the Level Crossing Removal Authority prepared an Environment Effects Statements (EES) to understand and manage any potential environmental impacts from the projects.

### Extensive modelling and testing

We had a team of ecologists, planners, heritage experts, engineers and hydro-geologists working to understand the local environment.

Our studies were extensive. We drilled nearly 150 geotechnical bores in the area and installed groundwater monitoring bores in over 120 of these holes.

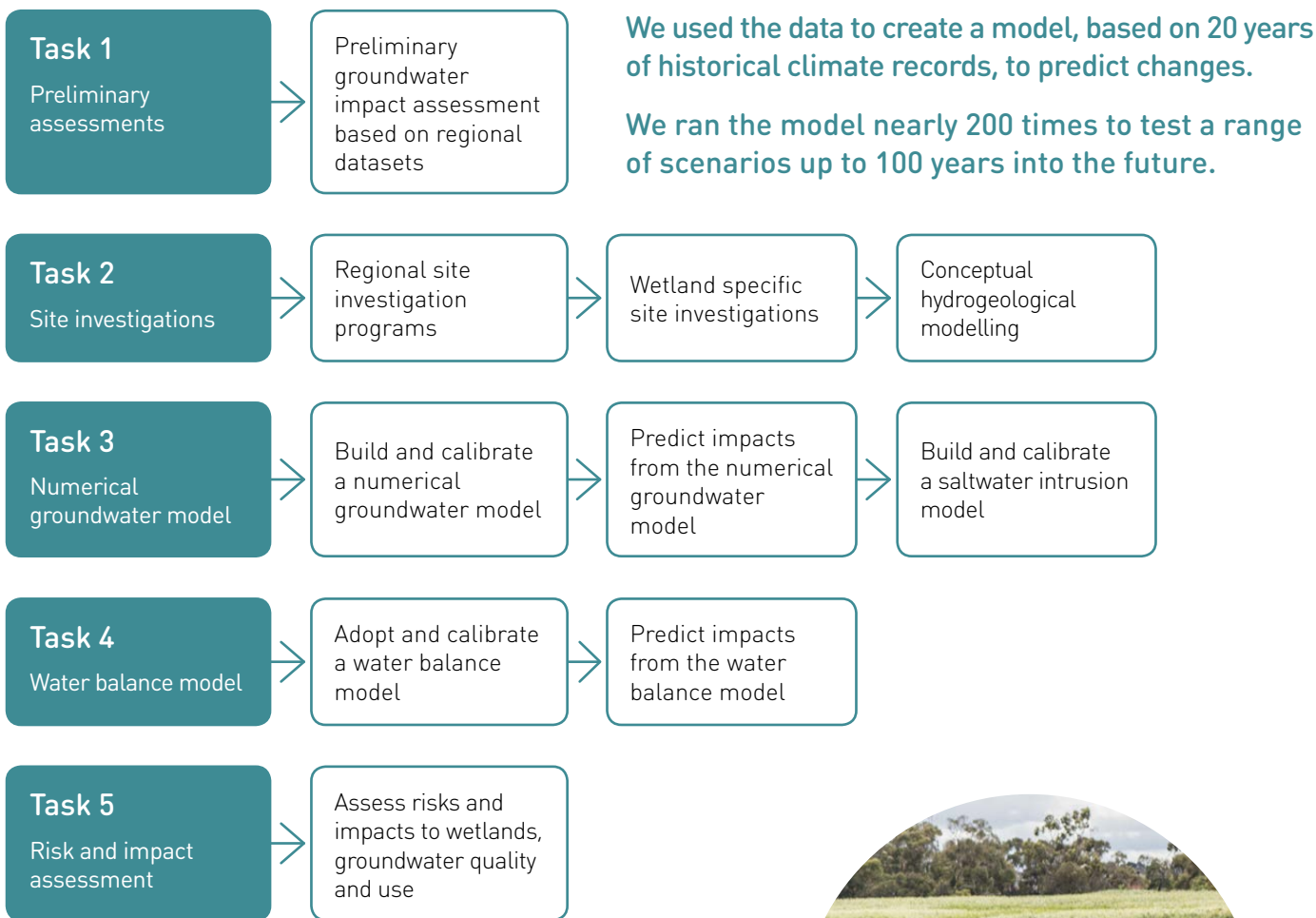
We also installed five water gauges to monitor surface water levels in the wetlands.

The bores installed for this investigation will remain in place and be used to monitor local groundwater at the Edithvale-Seafood Wetlands, enhancing knowledge of this important ecosystem into the future.

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**Our investigations found that the level crossing works would not impact the Edithvale-Seafood Wetlands.**

# Methodology undertaken for modelling the water environment



## Our investigations found that the level crossing works would not impact the Edithvale-Seaford Wetlands.

This is because groundwater changes resulting from the project are highly unlikely to occur closer than one kilometre from the wetlands.

This means that the vegetation, birds and animals in the wetlands would not be impacted by the project.

In addition, and for extra confidence in our mitigation measures, we will implement a monitoring and management plan to make sure no impacts arise as a result of the trench.

For more information head to [www.levelcrossings.vic.gov.au/EES](http://www.levelcrossings.vic.gov.au/EES) or call us on 1800 105 105.

### CONTACT US

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