

Track 10- Before Santos Mining upgrade

Summery

- The 3 culverts on Track 10 causeway should be at least the same or larger than diameter the culverts on Stockyard Hill to allow a matched water flow.

The below image, captured in 1995, predates the upgrade of Track 10 by Santos Mining. As a tidal causeway, vehicle access was restricted to periods of low tide at the time of the photograph.



Track 10- After Santos Mining Upgrade and the 2007 floods

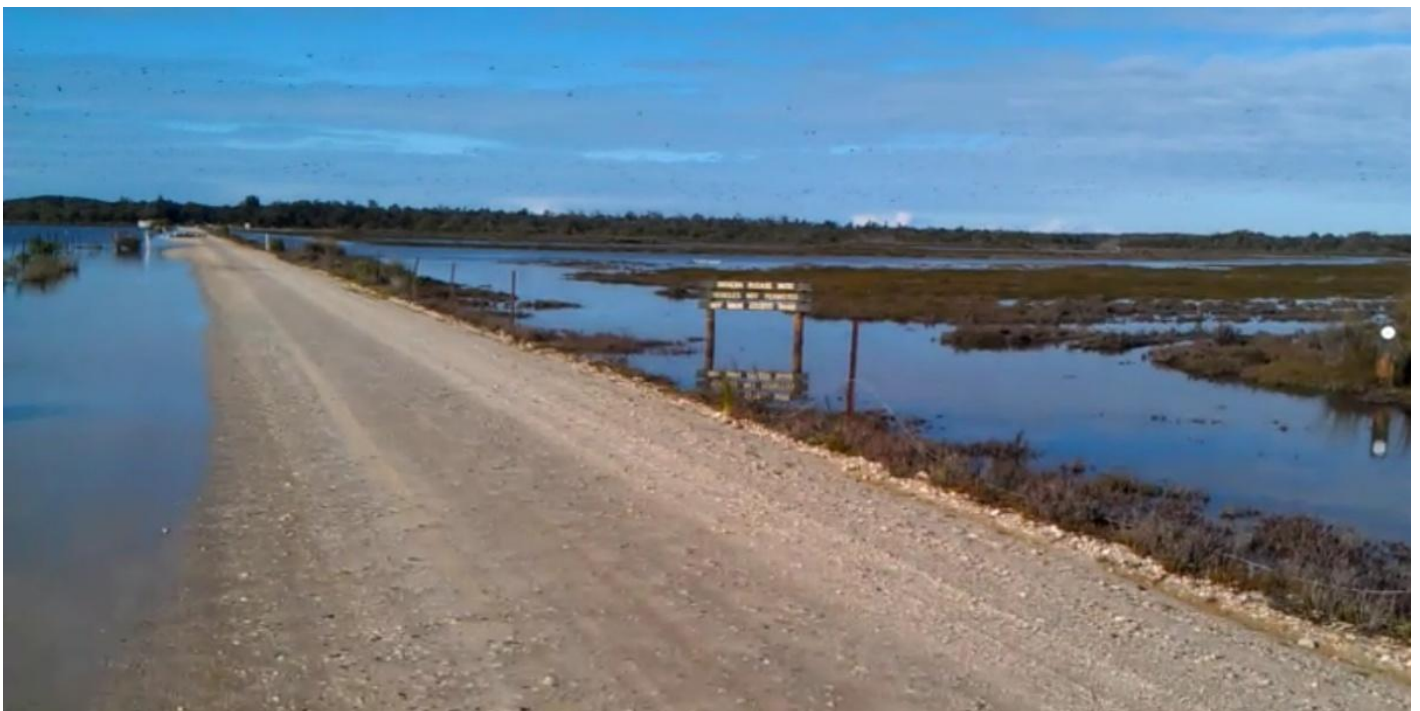
- **Engineering Approvals:** Wellington Shire Council (WSC) holds no documentation of engineering approvals.
- **Water Levels and Flow:** There is a significant discrepancy in water levels. Track 10 impedes the flow of water from Loch Sport to Seaspray.
- **Rainfall and Lake System:** The exceptional volume of rainfall in 2007 inundated catchments, leading to all seven rivers discharging into the lakes system. Glenmaggie Dam was opened to mitigate upstream flooding, resulting in water flowing down the respective rivers to coincide with a high tide at Lakes Entrance, which obstructed egress. Lake Victoria and Lake Reeve had a significant increase in water levels. Lakes Entrance is the only to the ocean.
- **Image 1, 2 and video. – 2007 floods.** Unbalanced water level to the West of Track 10.
- **Image 3 – 2007 floods.** Balanced water levels on Stockhill Causeway are visible in the background. Including Lake Reeve flooding into Loch Sport.
- **Image 4-** The culvert installation on the Stockhill Causeway has facilitated an accelerated water flow towards Track 10.

Video of 2007 floods showing unbalanced water levels at Track 10



VIDEO0011.3gp

Image 1- 2007 flood showing unbalanced water levels on Track 10. 90 Mile Beach in the background



Images 2

2007 floods showing unbalanced water levels on Track 10. 90 Mile Beach in the background.



Image 3

2007 floods water level of lake Reeve flooding into Loch Sport. Track 10 restricting the flow of water west toward Seaspray. Note balanced water level with Stockyard Hill causeway in the background.



Image 4- The culvert installtion on the Stockyard Hill causeway has allowed for a faster water flow towards track 10

