

The East Ender

Distributed to residents
of Waihi East

JULY 2016

Latest News

East End dairy mural tagged

The mural on the East End dairy was tagged with racist graffiti recently. Once we had been alerted to the problem our staff removed the material immediately. Fortunately, this was able to be achieved without damaging John Mulvay's incredibly detailed mural.



Waihi Gold commissioned John to create the mural in 2012, and he did many hours of research before creating the intricate detail of a hundred-year old grocery shop. John's sense of humour showed through too. There's one item on the shelves that is very much a product of this century. If you have never seen it, have a closer look and see if you can spot what it is.



AEP

With the end of June comes the end of the first half of the year. AEP payments will now be calculated. By the end of July those residents eligible for AEP will receive a letter, and after that cheques will be delivered by hand. If you do not receive a letter by the end of July this means that you are not eligible for AEP this round.

What is happening with the Martha slip?



Above: Material from the original rock fall of 26 April which had come to rest part way down the slope fell on 25 and 30 June. We expect some material on either side of the existing slip face to fall as tension in the rock is redistributed.

As you may be aware, there was another rock fall from the North Wall of the Martha open pit on the morning of Saturday 25 June and again on Thursday 30 June. This was anticipated. This was loose rock which had slumped during the original event but which had come to rest part way down the slope. The slip has not progressed any further north. We still expect some material on either side of the existing slip face to fall as tension in the rock is redistributed.

We are considering a number of options for remediation, but we will not start any work until it has been determined that it is safe to do so, other than pulling back topsoil to better assess and monitor the underlying rock structure. Our consent conditions require us to leave the pit walls in a safe and stable condition. To achieve this, one of the measures we will take is to remove some of the weight from the top of the North Wall between Bulltown Road and the top of the slip. This will change the contour of the area. We have yet to determine when this work will start.

In consideration of the impact of this planned work we have offered to purchase two properties and one vacant section immediately adjacent to the grassy slope between Bulltown Road and the pit. These offers are not being made because we require the properties or because they are in danger. We do not anticipate making any other offers to purchase properties in this area.

Contact us:

Donna Fisher, Company Liaison Officer
0800 WAIHIGOLD (0800 924 444)



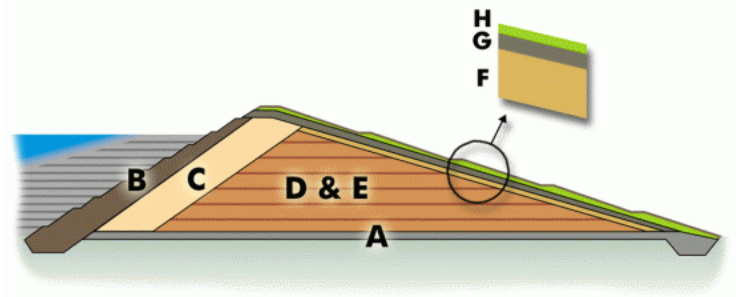
Tailings

The *Update* in the 7 July *Waihi Leader* explains the difference between a tailings dam and a tailings impoundment. There wasn't room to put in all the photos, so we are featuring them here.

A tailings *dam* is just that. It is a dam built out of tailings. The crushed rock is formed into a bund and allowed to dry. Wet tailings in the form of a muddy slurry are pumped in behind the bund, which is gradually raised to provide more capacity. A tails dam is not built all at once, it is constructed gradually, and unlike a water dam it cannot later be drained.

This design is comparatively cheap. There are no building materials other than tailings which are already a waste product, and it requires the least amount of work to construct. 'Upstream' tailings dams are common in many parts of the world, and are also regarded by some engineers as the most likely to fail. It is this design which is causing problems overseas.

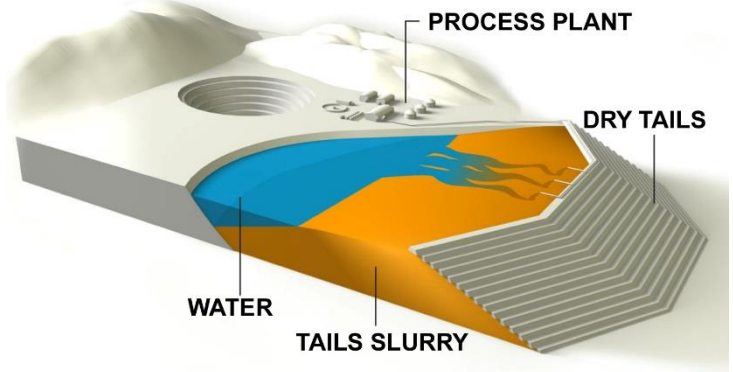
In comparison, the tailings from the Waihi mines are stored in tailings *impoundments*. There is a big difference. Waihi's tailings impoundments are carefully engineered rock structures made up of several separate layers, and designed to the same specifications as a water-retaining structure.



Waihi Tailings Impoundment

- A. Thick base under blanket at least 1.5m
- B. Upstream structural shoulder, controls seepage and contributes to strength
- C. Additional upstream structure
- D. Waste rock from different sources
- E. Sub compartments of Zone D contain wettest or softest rock
- F. Structural fill
- G. Outer seal and capping layer
- H. Final rehabilitation layer

Overseas Tailings Dam



Top left: TSF1. This is the impoundment which can be seen from State Highway 2 and Waihi Beach Road.

Top right: TSF2. Parts of the embankment have been planted in native trees and shrubs. This facility is now closed. The water discharges into the Ohinemuri River.

Left: Grass trials on TSF2.

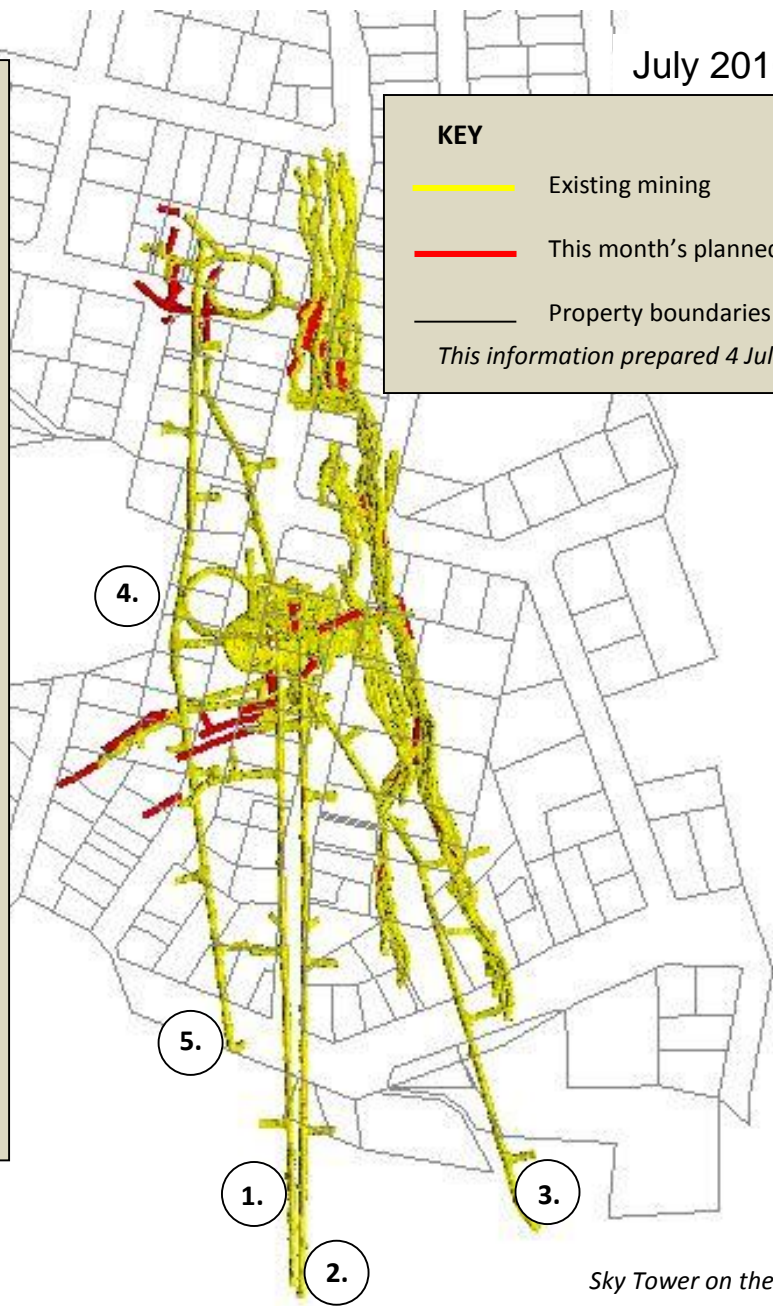
July 2016

Pit Rim Walkway

After the slip on the North Wall of the Martha open pit on 26 April we rerouted a section of the Pit Rim Walkway down through the 'Hidden Garden' and along Pitt Street. Feedback from residents of Pitt Street tell us that they are being disturbed by people ignoring the detour signs and walking up their driveways. In some cases 'Private Property' signs have been removed. We had hoped this was only a temporary situation as people got used to the new route, but it is continuing.

For this reason we will be closing off the 'Hidden Garden' section of the walkway. After the viewing platform at the Education Centre walkers will need to walk along Savage Road then turn right into Cambridge Road to rejoin the existing walkway.

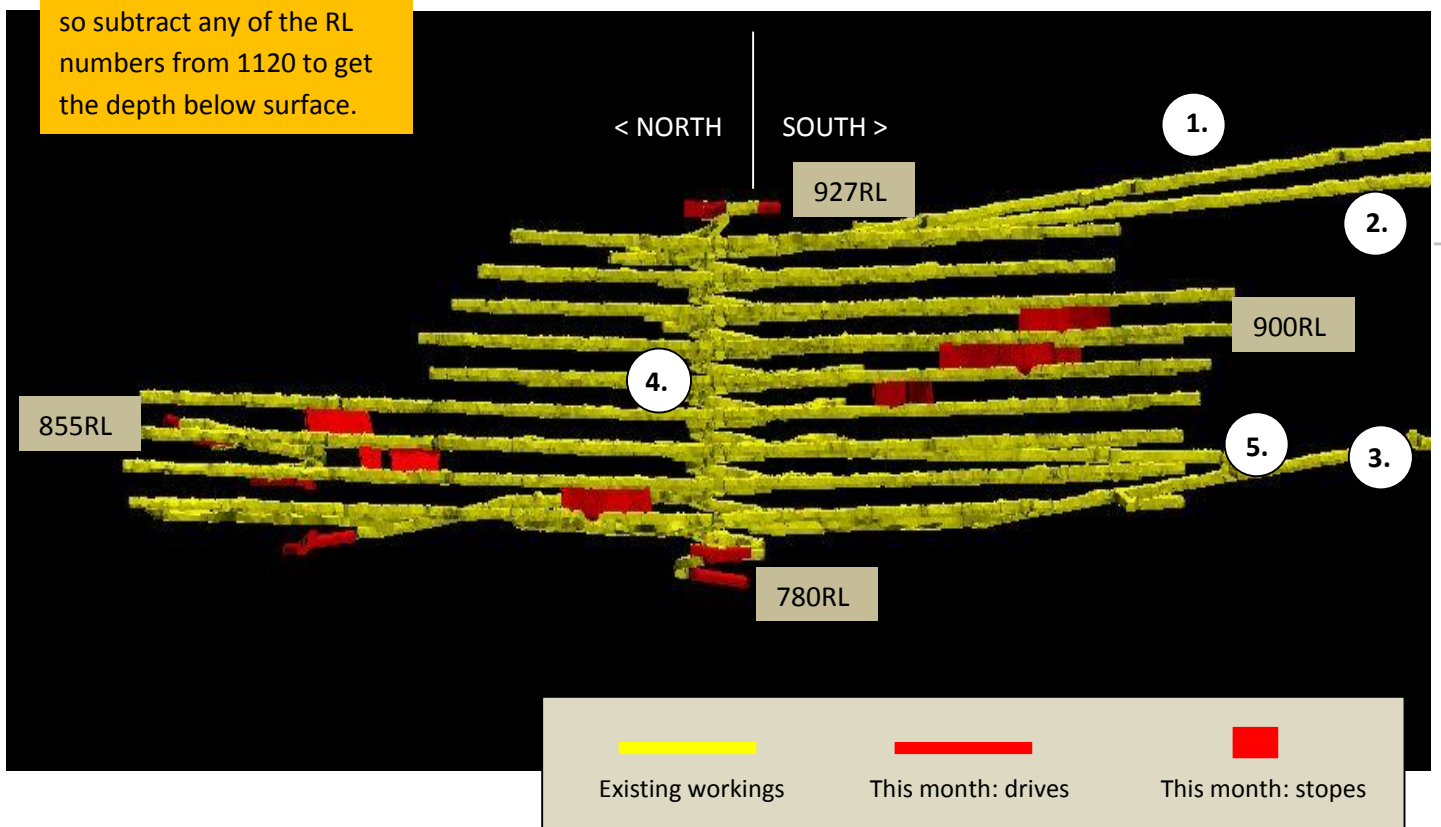
We apologise for any inconvenience this may cause.



Sky Tower on the same scale



Gladstone Road is 1120 RL, so subtract any of the RL numbers from 1120 to get the depth below surface.



JULY 2016



KEY

- CEPA Area
- Existing mining
- Planned mining for this month

This information prepared 4 July 2016

Mine Development Plan

Published at the start of each month as required by Condition 22a of the Correnso Underground Conditions of Consent

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