



25 November 2014

Brigitte Dunbar

Environmental Officer
SH16 Causeway Upgrade Project
Te Atatu Peninsula
PO Box 68651, Newton, Auckland 1010

<mailto:brigitte.dunbar@SH16causeway.co.nz>

Dear Brigitte

Monthly Causeway Pest Control Report, November 2014

Weekly pest control visits have continued along the Causeway throughout November. Bait stations and traps were checked and re-baited as necessary. Four visits in total were carried out. The dates for each visit along with the results for each can be seen in Table 1.

Baiting

The total amount of bait consumed at each station over November can be seen in Figure 1. In total, 3,861 g of bait was consumed over this period. The results for each week can be seen in Table 1.

Trapping

Three rats and two mice were caught in the DoC traps in November. The locations of these can be seen in Figure 2. The results for each week can be seen in Table 1.

Table 1: Results of weekly pest control visits carried out in November 2014

Pest Control Visit Date	Total Bait Take	Total Trap Catch
November 4	784g	Rat + Mouse
November 11	952g	Rat + Mouse
November 18	1809g	Rat
November 25	1036g	Nil

Discussion

Bait take has continued an increasing trend from September (1,932 g to 2,548 g in October and 3,861 g in November). However, trap catch is slightly lower this month compared to last month's results (three rats and two mice in November vs. one stoat, four rats and a mouse in October).

The western side of the causeway appears to have the highest rodent activity, particularly the stations at gate C3 and the first three stations at gate C4. A brodifacoum pulse will be utilised in this area over the following week to ensure any individuals developing resistances to diphacinone bait are targeted.

Weekly checks will continue on Tuesday mornings throughout December with the exception of December 30 due to the holiday period.

Please contact me if you require more information or have any questions.

Kind Regards,



Joel Leong

Ecological Restoration & Consultancy Support
Te Ngahere
Rosebank Post Centre, PO Box 71109
Auckland 1348

021 726 239



Figure 1: Map showing diphacinone bait consumption in grams recorded over November 2014



Figure 2: Map showing trap catch recorded over November 2014