

Biosecurity Local Board General Update

Month/Year: 14th February to 14th March 2018

Officer's name: Jeremy Warden

Hauraki Gulf Controlled Area- Great Barrier Island

Plague Skink Shoal Bay Wharf

- The two hundred Chickens have been moved to a holding pen positioned at the top of the skink area running adjacent to the exterior fence. The chicken cell area will be allowed to settle over a period before presence/absence trapping is implemented to determine how effective the chickens have been.
- Pre commencement resource consent meeting was held prior to the start of fence construction that runs between Taylors Bay access track and Gibbs landing. Fence construction has progressed well and is now finished.
- Trapping to determine skink density happening within an area to determine if it is suitable for a trap only cell. This site has been confirmed to have high enough densities and runs parallel to the exterior fence.
- A wider delimitation line has been identified. The first section of these traps (Tryphena point) has been installed.

Argentine & Darwin's ants

- *Mulberry Grove* – Monitoring of this site is complete. The only population of argentine ants detected (via planned monitoring) has been found at the bottom of Rosalie Bay Road. Two separate sites were located on the Bell property where the Pines were removed. They are located close to or on the boundary where planned monitoring was carried out and are known to have had infestations from previous seasons. These sites have been grouped in with the treatment for the Rosalie Bay Rd site.

Argentine Ant Surveillance

Contracted surveillance monitoring has been carried out in the following areas:

- Medland Rd – below Mitchener Rd to The Lane
- Okupu – foreshore properties and sun beam
- Tip Shop
- Mulberry Grove development – large area where pines were felled. Argentine ants detected here. Two treatments have been carried out where Peter Speck has been stock piling firewood that is about to be removed from site. Communication has been very good between Envirokiwi and Aotea Family Support about the potential threat of spreading ants from this site via firewood and all the necessary precautions are and will be taken.
- Blackwells pig pens
- Aotea Contractors
- Thomas road – at end of road
- Kaitoke lane- end of road
- Awana campground
- Awana fire depot
- Sand pile at Awana (opposite new build on dunes)
- Landfill (new sample needed from here for ID)
- Claris Fill depot (behind old Daly homestead)

- Okupu transfer station
- Okupu wharf (skink surveillance done here also)
- Whangaparapara wharf (skink surveillance done here also)
- Whangaparapara Rd – turning bay opposite golf club
- Medlands transfer station
- Medlands community garden

Weed Control

Total Control

- Envirokiwi treating Royal fern on Mabey Road
- Madeira Vine treatment – Mabey farm house
- Madeira Vine treatment – Whangaparapara lodge
- Quality Audit of Sanderson Royal Fern site-No plants found

SWI

- Treatment of Port Fitzroy moth plant and Lantana done consecutively
- Boneseed and Kahilli ginger- Pamers
- Japanese Honeysuckle – Rosalie Bay

Wharf and Airport Mustelid and Rodent Pest Surveillance (January)

- Port Fitzroy 71.5% Bait take, 2x kiore caught in DOC200, 0 x Wax tag=Rat
- Tryphena- 12% Bait take 2x Ship Rat caught in DOC200. 0x Wax tag=Rat
- Whangaparapara- 50% bait take 3 x Ship Rat in DOC200's. 2x Wax tag=Rat
- Okupu -0% bait take. 0 x Rat caught in DOC200, 0x wax tag=Rat
- Claris airfield environment – 33% bait take
- Claris residential-30% bait take

Bait Stations at Transfer Sites (January)

- Southern Stations- Medlands 0%, Okupu 0%, Puriri bay 0%, Mulberry grove 0%
- Northern Stations- Motairehe 100%, Okiwi 90% & Kawa 75%

Private Jetties & Boat Ramps

Location	DOC200	Bait Station	Wax tag
Yates	0x Rat	75%	0
Jetty	1x Rat	0%	0
Pickards	0x Kiore	100%	0
Stellins	0x Rat	0%	0
Whangapara Jetty	1x Rat	0%	0
Okupu Boat Ramp	1x Rat	100%	0
Mulberry Grove Boat Ramp	0x Rat	10%	0
Puriri Bay Boat Ramp	1x Rat	100%	0

Conclusion: No new species of pest animals detected, bait consumption very high at Port Fitzroy with some of the stations empty. Minimal interceptions of rats in DoC200.

Good Nature A24 Traps

Assist with ALP and Co2 change at Windy Hill Sanctuary (22 February 2018) along with sanctuary staff and representatives from Good Nature.

Glen fern

Assist sanctuary with bringing monitoring cards in from G block.

Dog Work

Hairy -conservation predator dog recertification for rodent detection and bird aversion completed.