

Agenda/Panui

Ngā Poutiriao o Mauao **Mauao Joint Administration Board**

Venue: Tauranga City Council Te Awanui
Harbour Room
Willow Street, Tauranga

Date: Tuesday, 2 February 2016

Time: 9.30 am

Agenda/Panui

Ngā Poutiriao o Mauao (Mauao Joint Administration Board)

Meeting No. 12

Tuesday, 2 February 2016

9.30 am

Te Awanui Harbour Room – Tauranga City Council

Karakia

Apologies

Acceptance of Late Items

Confirmation of Minutes / Matters Arising

- (i) Previous Minutes for Confirmation dated 6 October 2015 and 1 December 2015 (attached) (Pgs. 1-6)
- (ii) Matters Arising

Declarations of Conflicts of Interest

Business

1. Mauao Operational Report January 2016 (Pgs.7-37)

To inform Nga Poutiriao o Mauao (Mauao Joint Administration Board) of operational matters from October 2015 to the end of January 2016 and seek guidance from the board on operational matters for the coming period.

- Attachment A Remotely Piloted Aircraft Systems (RPAS) over Mauao – Pgs.12-20
 - Attachment B Mauao Operational Budget Breakdown – Pg.21
 - Attachment C Mauao 2016 Events Calendar – Pgs.22-23
 - Attachment D January 13 2016 Fire Event Summary – Pgs.24-29
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- *Attachment E Mauao track counter data report January 2016 – Pgs.30-37*

2. Review of the Mauao Historic Reserve Management Plan

(Pgs.38-41)

To update Nga Poutiriao o Mauao on progress with the review of the Mauao Reserve Management Plan.

3. Next Meeting

The next meeting of Ngā Poutiriao o Mauao has been scheduled for 5 April 2016 – 9.30 am. Venue to be confirmed.

Karakia

MINUTES

Ngā Poutiriao o Mauao

Mauao Joint Administration Board

Meeting No. 11

Tuesday, 1 December 2015
9.30 am

Tauranga City Council Te Awanui Harbour Room

OPEN SECTION

Members Present:

s 7(2)(f)(ii)

Cr Steve Morris

s 7(2)(f)(ii)

s 7(2)(a) - Privacy (Waitaha a Hei)

Also Present:

s 7(2)(a) - Privacy (NZ Historic Places Trust)

s 7(2)(a) - Privacy (Department of Conservation)

Apologies:

s 7(2)(a) - Privacy

s 7(2)(a) - Privacy (Ngati Ranginui Iwi)

Absent:

s 7(2)(a) - Privacy (Te Runanga o Ngai Te Rangi Iwi Trust)

In Attendance:

s 7(2)(f)(ii)

The meeting lapsed by reason of failure of a quorum at 9.45am.



MINUTES

Ngā Poutiriao o Mauao

Mauao Joint Administration Board

Meeting No. 10

Tuesday, 6 October 2015
9.30 am

Whareroa Marae, Te Te Awanui Harbour Room o Tukorako Lane, Mount Maunganui

OPEN SECTION

Members Present:

s 7(2)(a) - Privacy

s 7(2)(f)(ii)

Cr Steve Morris

s 7(2)(a) - Privacy

s 7(2)(a) - Privacy (Ngati Ranginui Iwi)

s 7(2)(a) - Privacy (Waitaha a Hei)

Also Present:

s 7(2)(a) - Privacy (Mauao Trustee)

s 7(2)(a) - Privacy (Mauao Trustee)

s 7(2)(a) - Privacy (Mauao Trustee)

s 7(2)(a) - Privacy (Mauao Trustee)

s 7(2)(a) - Privacy (Mauao Trust)

s 7(2)(a) - Privacy (NZ Historic Places Trust)

s 7(2)(a) - Privacy (Department of Conservation)

s 7(2)(a) - Privacy (Department of Conservation)

s 7(2)(a) - Privacy (Wildland Consultants Ltd.)

s 7(2)(a) - Privacy (Planning Consultant)

Apologies:

Mr Reon Tuanau (Ngai Te Rangi)

In Attendance:

s 7(2)(f)(ii)

1. **Karakia**

s 7(2)(a) - Privacy opened the meeting with a Karakia.

2. **Apologies**

Moved: s 7(2)(a) - Privacy / Seconded: s 7(2)(a) - Privacy

That it be Resolved

That the Ngā Poutiriao o Mauao – Joint Administration Board:

Receive apologies from s 7(2)(a) - Privacy ***(Ngai Te Rangī),*** s 7(2)(f)(ii)

s 7(2)(f)(ii)

CARRIED3. **Confirmation of Minutes / Matters Arising**

Moved: Cr Morris/ Seconded: s 7(2)(f)(ii)

That it be Resolved

That the Ngā Poutiriao o Mauao – Joint Administration Board:

- (a) ***Confirm the previous minutes dated 4 August 2014 – Meeting No.9 as a true and correct record.***

CARRIED**BUSINESS**4. **Mauao Operational Report September 2015**

s 7(2)(f)(ii)

s 7(2)(f)(ii) highlighted key aspects of the report and answered questions.

Points Raised by Members

- Interested in creation of an approval mechanism for commercial use of drones/UAVs.
- The Trust had not given permission for drones to use airspace over Mauao.
- Temporary signage could be used to inform the public regarding seals.

In Response to Questions

- Hand gliders had historically been allowed to access Mauao
- Department of Conservation staff suggested a wananga for the handling of dead seals.

Action:

- s 7(2)(f)(ii) to bring back proposals around approval mechanism for commercial use of airspace over Mauao.
- s 7(2)(f)(ii) to follow-up with Department of Conservation regarding future burial of seals.
- s 7(2)(f)(ii) to provide the upcoming events calendar to the Board.

Action By:

s 7(2)(f)(ii)

Action by When: Prior to the next meeting of the Board.

Moved: s 7(2)(f)(ii) **Seconded:** s 7(2)(f)(ii)

That it be Resolved

That the Ngā Poutiriao o Mauao – Joint Administration Board:

- (a) Receive the Mauao Operational Report September 2015.***
- (b) Support staff recommendation to plant memorial Pohutukawa in the vicinity of where s 7(2)(a) - Privacy was swept away by a wave on 1 October 2014.***
- (c) Support staff recommendation to respond to specific drone/UAV requests on a case by case basis with approval from the Board Chairperson or Deputy Chairperson.***
- (d) Support staff recommendation to work collaboratively with the Department of Conservation to develop some on site temporary signage regarding the seal population and behaviours for the Mauao base track. Staff to work with Communications team on the provision of public information/education around seals.***

CARRIED

5. Review of the Mauao Historic Reserve Management Plan

s 7(2)(a) - Privacy Wildland Consultants, provided **Powerpoint presentation (A)** on the updated Conservation Plan which was undertaken as part of the review and outlined the following:

Key Points

- Vision of the Mauao Trust
- Previous work and plans
- 2015 Plan update
- Ecological context
- Cultural values
- Landscape context
- Archaeological condition key findings
- Management implementation
- Archaeological features
- Pest plants and animals
- Threatened plants
- Monitoring
- Key Management drivers and actions.

Points Raised by Members

- Concerns were raised regarding the content of the archaeological report.

In Response to Questions

- Recommended the installation of a pest control fence to keep out rabbits.
- Staff advised that the Conservation Plan, along with the Archaeology Plan, Ecological Assessment, CPTED, and the Cultural Assessment all fed into the Reserve Management Plan.

Action:

- s 7(2)(f)(ii) to arrange archaeologist to provide a peer review of the archaeological points in the Conservation Plan.

Action By:

s 7(2)(f)(ii)

Action by When:

Prior to the next meeting of the Board.

Moved: s 7(2)(f)(ii)**Seconded:** s 7(2)(f)(ii)**That it be Resolved*****That Ngā Poutiriao o Mauao – Joint Administration Board:***

- (a) ***Receives the report – Review of the Mauao Historic Management Plan.***
- (b) ***Receives the updated Conservation Plan.***
- (c) ***Agrees to Council notifying the intent to review the Mauao Historic Reserve Management Plan and inviting written submissions.***

CARRIED**Moved:** s 7(2)(a) - Privacy**/ Seconded:** s 7(2)(a) - Privacy**That it be Resolved*****That the Ngā Poutiriao o Mauao – Joint Administration Board:***

- (a) ***Request Council to commission a feasibility study for the erection of a pest proof fence for Mauao.***

CARRIED**6. Presentation – Mauao Trust Strategic Plan Review**

s 7(2)(a) - Privacy Planning Consultant, provided **Powerpoint presentation (B)** which outlined the following:

Key Points

- Our process
- Key components
- Strategic goals.

Points Raised by Members

- s 7(2)(a) - Privacy signalled his intention to bring a paper to the Board which examined ways of recognising significant ceremonial spaces throughout the South Pacific.

Action:

- s 7(2)(f)(ii) to arrange printing and distribution of the draft strategic plan to the Board.

Action By:

s 7(2)(f)(ii)

s 7(2)(a) - Privacy

Action by When:

Prior to the next meeting.

7. **Next Meeting**

The next meeting of Nga Poutiriao o Mauao was scheduled for 1 December 2015 at 9.30 am in the Te Awanui Harbour Room, Civic Offices, Willow Street.

8. **Karakia Whakamutunga**

s 7(2)(a) - Privacy closed the meeting with a Karakia.

The meeting closed at 12.05 p.m.

Mauao Operational Report January 2016

Purpose

1. To inform Nga Poutiriao o Mauao (Mauao Joint Administration Board) of operational matters from October 2015 to the end of January 2016 and seek guidance from the board on operational matters for the coming period.

Executive Summary

2. This report identifies the key operational issues and achievements over the reporting period October-January, including three recommendations from the operational team and three attachment items for consideration. It also highlights up and coming operational work of interest to the Board, ongoing visitor counter records and an up to date events calendar for the Mauao, main beach and pilot bay areas.

Recommendation/s

- (a) That the Nga Poutiriao o Mauao receives the operational report for November 2015.
- (b) That in respect to Remotely Operated Aircraft Systems over Mauao the recommendations within Section 9 of the Attachment A are approved.
- (c) That approval is given for the Parks and Recreation Team to conduct a feasibility study outlining the issues and options and cost estimates of the options available for pest control at Mauao.

Discussion

3. Operation of Remotely Piloted Aircraft Systems on Mauao

Attachment A discusses the use of Remotely Piloted Aircraft Systems (RPAS or drones) on Mauao and options for moving forward now the civil Aviation Authority has changed the rules for the use of drones across New Zealand.

Refer to Recommendation (b).

4. Pest Control Feasibility study

A detailed assessment of options to reduce pest damage is estimated to cost \$30,000. Options to be considered include measures such as predator proof fence and more regular pest control. The assessment would need to take into account matters such as costs, all environmental impacts, heritage and the Reserve Management Plan.

The budget has been loaded into the annual plan and should Nga Poutiriao o Mauao (Mauao Joint Administration Board) consider the study unnecessary, the budget will be removed.

Refer to Recommendation (c).

5. Update on the January 13 Mauao Fire Event

Attachment D Outlines the recent fire event and highlights some options for the board to consider that may help to reduce the likelihood of such incidents occurring again.

6. **Independent Review of Existing Pest Populations and Control Programme**

An independent animal pest control contractor has been engaged to review the existing pest control programme in relation to best practice. This review was be undertaken in November/December 2015 and the final report is expected in February 2016. The report will provide an independent professional analysis of existing animal pest populations and current control methods and make recommendations for improvements to the existing pest control programme. The outcome of this investigation will be bought back to the Board for consideration.

7. **Operational Budget**

A summary of the existing operational budget breakdown is provided in Attachment B. This budget is largely committed through existing contract works and planned unscheduled spends for the 2015/16 year and reflects the actual cost of maintaining the site. It is worth noting that attempting to fund the aforementioned feasibility study from this budget would have a significant impact on the operational management of this reserve.

8. **Event Calendar**

An event calendar for Mauao, Main Beach and Pilot Bay events is included in Attachment C

9. **Replacement Track Counters**

Replacement track counters have been installed prior to Christmas 2015. The new and improved technology will enable more accurate, reliable and improved understanding of visitor trends on the Maunga. The new installations enable separate analysis of the base track, four wheel drive track, Waikorere Track and the Oruahine tracks and the ability to record time of day, user direction and date trends as well as total counts for the site. See attachment E for an example of the reporting capability of the new counters to be used from now on. Most importantly these new counters will be more reliable and accurate than the previous ones.

Refer to Attachment E Track counter data report for Results this period from the new counters.

10. **Arboriculture Tree Work Priorities**

An initial site visit was held with the city arborist to look at arboriculture priorities in relation to visitor safety and risk management. Key priorities have been identified and further planning will be underway in the coming months to establish a work plan for delivery post the busy summer season.



Image showing the identified tree work locations: the Poplar stand by the reservoir, and Old Man Pine and Macrocarpa trees above the Summit Road and Pilot Bay Quay Area

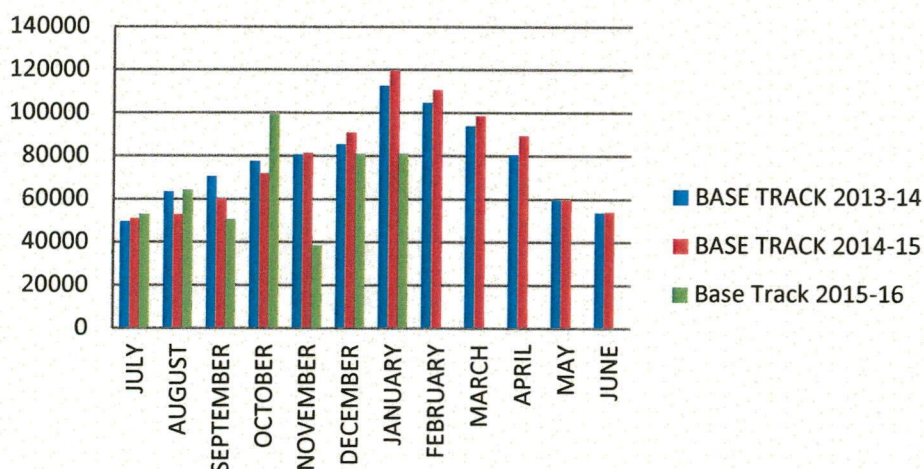
11. Planting Programme Planning

Planning is underway for the May/June 2016 planting programme. Volunteer efforts will continue to be focussed on the fenced eastern planting area with community partners. Contracted attention will be focussed on the Pilot Bay entrance banks and the coastal margin above the base track linking the existing established forest area with the fenced petrel habitat due to the steep erosive nature of the terrain and need for professional involvement. Pending concerns from the board and Heritage New Zealand the operational team is also considering the benefit in planting the fire area to speed up the revegetation process.

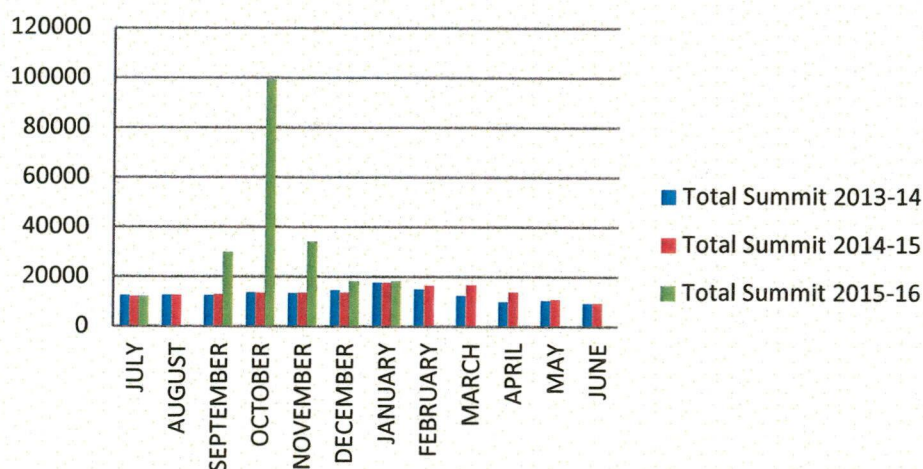
12. Routine Maintenance Undertaken this Period

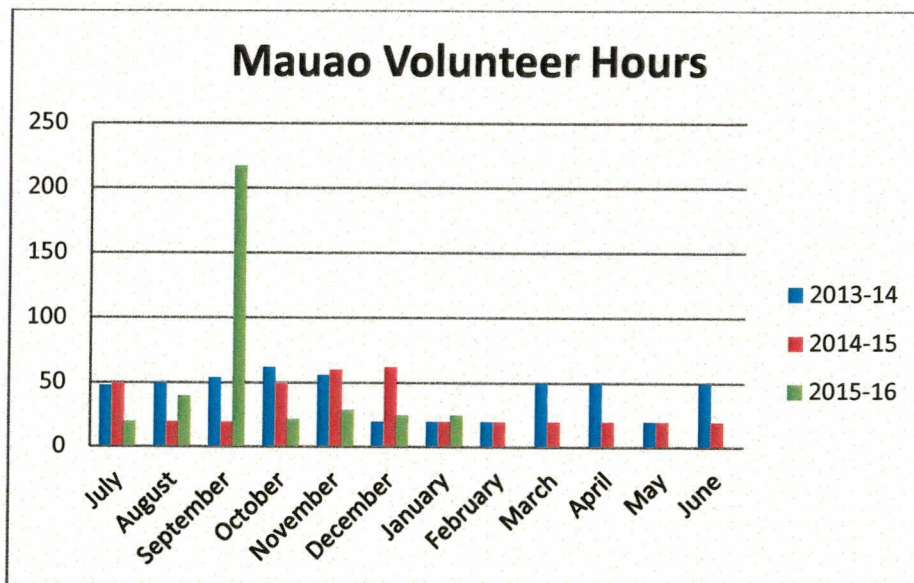
- Plant and animal pest control
- Four wheel drive track maintenance
- Walkway maintenance
- Sign and structure maintenance

Mauao Base Track Visitor Counts



Mauao Summit Track Visitor Counts





Attachments

No.	Title
A	Remotely Piloted Aircraft Systems (RPAS) over Mauao <i>Objective ID: A6673486</i>
B	Mauao Operational Budget Breakdown <i>Objective ID: A6685312</i>
C	Mauao 2016 Events Calendar <i>Objective ID: A6798005</i>
D	January 13 2016 Fire event summary <i>Objective ID: A6798059</i>
E	Mauao track counter data report January 2016 <i>Objective ID: A6798055</i>

Signatories

Authors	[Redacted Signature Area]
Authorisers	

Nga Poutiriao o Mauao (Mauao Joint Administration Board) Briefing - Operation of Remotely Operated Aircraft Systems on Mauao



Briefing Date & Location

1 December 2015, Te Awanui Room, Tauranga City Council

Subject Matter

Operation of Remotely Operated Aircraft Systems on Mauao

Presenter(s)

s 7(2)(f)(ii)

External Presenter(s)

nil

Purpose of Briefing

1. This report seeks direction regarding rules to manage the operation of Remotely Piloted Aircraft Systems (RPAS) over Mauao.

Executive Summary

2. Due to recently introduced Civil Aviation Authority (CAA) rules regarding the operation of Remotely Piloted Aircraft Systems (RPAS) over public land, the Mauao Trust would like to develop some rules to address potential requests to fly over Mauao.
3. The current policy for Mauao is that no RPAS are permitted to operate.
4. Tauranga City Council (the Council) has developed rules to manage RPAS operating over its reserves. In essence, the rules provide "blanket" approval, subject to a number of specific conditions. There are some notable exceptions, which are dealt with on a case-by-case basis.
5. TCC does not charge any fees to RPAS operators.
6. There are a number of key issues to consider when developing some rules.
 - Should RPAS be allowed to operate over Mauao?
 - Should a fee be charged?
 - How would the applications/requests be processed?
7. Direction is sought from Nga Poutiriao o Mauao (Mauao Joint Administration Board) to develop rules that:

- meet the outcomes required for the management of Mauao
 - can be practically managed to meet the expectations of RPAS operators
 - can meet the legal requirements of the Reserves Act.
8. Once decisions have been made on the rules' direction, detailed rules, a fee regime and procedures will need to be developed.

Recommended Options

9. It is recommended that the Nga Poutiriao o Mauao (Mauao Joint Administration Board):
- give "blanket" permission for commercial and maintenance RPAS to operate over Mauao, subject to compliance with specific conditions
 - do not permit recreational RPAS to operate over Mauao.
 - do not charge fees.
 - engage TCC to manage the approval process.

Background Information

10. At the Mauao Joint Administration Board Meeting of 6 October 2015, Board Members requested staff to develop a proposal for some rules to manage use of airspace over Mauao by Remotely Piloted Aircraft Systems (RPAS).
11. RPAS include the following vehicles: Unmanned aerial vehicles (UAVs), Unmanned Aerial Systems (UAS), drones and model aircraft.
12. Rules specifically relating to the operation of RPAS were introduced by the Civil Aviation Authority of New Zealand (CAA) on 1 August 2015. These rules require operators to obtain approval from the land owner or the occupier of the land over which they wish to fly a RPAS. These rules are in addition to existing CAA and Air Traffic Control rules on where and how people can fly RPAS, and what permissions are required before doing so.
13. The rules were introduced by the CAA to address safety concerns caused by the growth in the number of RPAS operating.
14. Tauranga City Council (TCC) has developed a set of rules around the operation of RPAS over TCC owned parks. These are available on TCC's website for people to refer to.
15. With respect to operating RPAS over TCC owned parks, TCC's current position is:
- permission is automatically granted, i.e. there is no application or approval process, as long as all CAA rules are complied with, plus a number of specific TCC imposed rules. These rules are included at **Attachment A**
 - there are some minor exceptions to the "blanket" permission, which are assessed on a case-by-case basis
 - commercial operators and recreational operators are not differentiated between when applying TCC's rules
 - TCC does not charge any fees for the operation of RPAS over reserves.
16. As TCC are not the owners of Mauao, the rules developed do not apply to Mauao. The information on TCC's website clearly states this, and also states that the Mauao Trust do not give permission for any RPAS to fly over Mauao.

17. It is likely that at some stage, Mauao Trust will be asked for permission to fly RPAS over Mauao, and therefore would like to develop some rules on how such applications/requests will be managed.
18. There are three main types of RPAS operations that are likely to request permission to operate over Mauao.
19. Recreational operators: generally consisting of members of the public who have purchased RPAS for their own personal recreation.
20. Commercial operators: generally consisting of businesses who wish to take film footage to showcase the scenery of Mauao and surrounding areas.
21. Maintenance operators: generally consisting of operators engaged by TCC or the Mauao Trust to undertake management and maintenance functions of Mauao e.g. inspections of remote or inaccessible locations. On Mauao this could include inspections of rock formations for instability, and other visual inspections that might otherwise be dangerous.

Issues

22. The key issues to be considered when developing and implementing the rules are discussed below.

Issue A – Operation of RPAS over Mauao

23. Should RPAS be allowed to operate over Mauao? If yes, should all RPAS be permitted, subject to conditions (similar to TCC's current rules); or should permission be restricted to certain operator types; or should each application/request be assessed on a case-by-case method?
24. Key issues to consider when making this decision are safety, privacy, and the protection of the significant cultural, historical and recreational values of the mountain. All of these issues can be addressed to some degree by imposing rules around safe flying operations, and being respectful to users of the mountain. However, the protection of cultural, historical and recreational values are more likely to be able to be protected through imposing rules on the type of operators permitted on the mountain, which would as a result restrict the number of RPAS operating.

Issue B: Fee Regime

25. Should a fee be charged?
26. Mauao is classified as an Historic Reserve under the Reserves Act 1977. Requirements for holding and use of fees are prescribed in the Act.
 - holding and spending of fees must be undertaken by the administering body, to protect and preserve *"in perpetuity such places, objects, and natural features, and such things thereon or therein contained as are of historic, archaeological, cultural, educational, and other special interest"*.
 - The fees collected can only be used to manage, administer, maintain, protect, improve and develop the reserve, and for no other purpose.
27. Currently, the administering body is TCC. There are future plans to change the administering body to the Mauao Joint Administration Board.
28. If fees are charged, a process to ensure that collection, holding and management of the expenditure of fees will need to be developed to meet the requirements of the Reserves Act.

29. The process would most likely need to include issuing a site use agreement to the operator and an invoice being generated, and will likely result in an increased need for administration resources.
30. If no fees are charged, then the process of providing approval for RPAS to operate could be simple, and similar to the current scenario adopted by TCC for its reserves.

Issue C: Processing of Applications/Requests

31. How would the applications/requests be processed - timeframes, resources?
32. Processing any applications/requests needs to be considered in terms of who would process them, and the resources required to respond in a timely manner.
33. If fees are to be charged, or applications are to be assessed on a case-by-case basis, it will be necessary to provide a responsive and timely application processing service.
34. Previous experience by TCC staff when dealing with applications/requests to operate over TCC parks has shown that commercial operators require speedy responses to requests, typically 24 to 48 hours, so resources need to be available to process applications/requests within these very short timeframes.
35. If "blanket" permissions are given for qualifying activities, subject to compliance with specific conditions, and no fees charged, then processing resources will be minimal.
36. However, if fees are to be charged, then processing will be significantly more time consuming, as a site use agreement and invoice would need to be generated for each operator individually.

Summary

37. There are multiple options available to address the issues.
38. Selection of a combination of options to address the issues needs to be done carefully to ensure that the combination achieves the outcomes required and is practical to implement. Some combinations of options would be impractical.

Options

39. Issue A: Operation of RPAS over Mauao

Option	Description	Pros	Cons
A1	Do not give permission for any RPAS to operate over Mauao.	There will be no adverse effects on safety or privacy of users, nor on the cultural, historical or recreational values of Mauao. No compliance issues.	No opportunity to use RPAS to undertake maintenance activities.
A2	Give "blanket" permission for recreational, commercial and maintenance RPAS to operate over Mauao, subject to compliance with specific conditions,	Opportunity to use RPAS to undertake maintenance activities. Easy rules to manage if no fees are charged.	Probable adverse effects on safety or privacy of users, and on the cultural, historical or recreational values of Mauao.

Option	Description	Pros	Cons
	including payment of fees if they are to be charged.		If fees are charged, will be a very time consuming approval process.
A3 Recommended option	Give “blanket” permission for commercial and maintenance RPAS to operate over Mauao, subject to compliance with specific conditions, including payment of fees if they are to be charged. Recreational operators are not permitted to operate.	Opportunity to use RPAS to undertake maintenance activities, therefore less requirement for manual inspections. Easy rules to manage if no fees are charged.	Possible adverse effects on safety or privacy of users, and on the cultural, historical or recreational values of Mauao. If fees are charged, will be a very time consuming approval process.
A4	Give “blanket” permission for maintenance RPAS to operate over Mauao, subject to compliance with specific conditions. Recreational and commercial operators are not permitted to operate.	Minimal adverse effects on safety or privacy of users, and on the cultural, historical or recreational values of Mauao. Easy rules to manage. Opportunity to use RPAS to undertake maintenance activities, therefore less requirement for manual inspections.	Does not provide the opportunity for commercial operators to fly over Mauao. This would restrict opportunities to showcase Mauao and surrounding areas.
A5	Assess all applications on a case-by-case basis, and apply conditions as required, including payment of fees if they are to be charged.	High level of control on the types and numbers of operators and reduced potential to create adverse effects on safety or privacy of users, and on the cultural, historical or recreational values of Mauao.	Likely to cause significant resource to be required to manage the applications/requests in a timely manner. Possible adverse effects on safety or privacy of users, and on the cultural, historical or recreational values of Mauao.

40. Issue B: Fee Regime

Option	Description	Pros	Cons
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Option	Description	Pros	Cons
B1 Recommended Option	Do not charge a fee.	Approval process will be simple. No Reserves Act legislation requirements.	Processing costs not able to recovered,
B2	Charge fee to cover administration of applications.	Application/request processing costs will be covered.	Will require a site use approval and invoicing process to be established. Process needs to be developed to satisfy requirements of Reserves Act.
B3	Charge fee to cover administration of applications and to provide funds to maintain, protect, improve and develop Mauao.	Application/request processing costs will be covered. Funds gathered to assist with maintenance, protection, improvement and development of Mauao.	Will require a site use approval and invoicing process to be established. Process needs to be developed to satisfy requirements of Reserves Act. Fees charged may be disproportionate to the benefits of operating over Mauao.

41. Issue C: Processing of Applications/Requests

Option	Description	Pros	Cons
C1 Recommended Option	Processing undertaken by TCC staff on behalf of Mauao Trust – full decision making authority delegated to TCC staff.	TCC resources could be allocated to meet required timeframes. Decisions can be made in short timeframes.	Decision may not be supported by Mauao Trust. TCC resources would need to be funded by some means.
C2	Processing undertaken by TCC staff on behalf of Mauao Trust – decision making authority held by Mauao Trust.	TCC resources could be allocated to meet required timeframes. Decisions will be supported by Mauao Trust.	Processing timeframes may be delayed due to requirement for consultation process with Mauao Trust. TCC resources would need to be funded by some means.
C3	Processing undertaken by Mauao Trust. This option only available if fees are not charged.	Decisions will be made directly by Mauao Trust.	Mauao Trust may not have sufficient resource.

Next Steps

42. Once decisions have been made on the rules' direction, detailed rule contents and procedures will need to be developed to implement the rules.

Attachment A: Rules applicable to all RPAS that operate over TCC Parks

The following rules apply to these types of aircraft:

- unmanned aircraft weighing less than 25kgs on public land
- electric-powered, remote-controlled model aircraft commonly referred to as "drones" that are capable of vertical take-off and landing.
- small hand-launched gliders less than 1.5m wing span.

The following rules do not apply to these types of aircraft:

- fixed-wing electric-powered model aircraft greater than 1m wing span;
- gliders greater than 1.5m wingspan and bungee-launched gliders;
- all internal combustion engine (petrol)-powered aircraft; or
- all jet-powered models.

These types of unmanned aircraft can only be flown on private property or officially recognised sites under the control of approved operators, such as model aircraft clubs.

Flying a Kite

As long as your kite is moored (i.e. you have it on a string) and kept under 120m / 400ft, you can fly it where you like and don't need to seek permission.

1 CAA rules and Air Traffic Control – Applicable Everywhere

- 1.1 All of Tauranga sits below a controlled airspace. This means that if you want to fly anything in that airspace, you need permission from Air Traffic Control.
- 1.2 In addition, CAA defines four-kilometre zones around all aerodromes, where the use of the airspace is further restricted. In Tauranga's our case: one around the airport, and one around the hospital's helipad. In these zones, you need to have a pilot licence (or to be accompanied by someone who does) in addition to having permission from Air Traffic Control.
- 1.3 To obtain authorisation from Air Traffic Control, register and log your flights on the Airshare UAV hub. The hub also provides a wealth of other information and news on the UAV industry.
- 1.4 The new rules introduced on 1 August 2015 by the CAA require people to obtain approval from the landowner or the occupier of the land you want to fly over, and you need to get consent from anyone you want to fly over (this can be given verbally).
- 1.5 Never fly higher than 120 metres / 400 feet above ground level
- 1.6 Only fly during daylight hours
- 1.7 Always fly within visual line of sight – you need be able to see the aircraft with your own eyes at all times (i.e. not through binoculars, a monitor, or smartphone)
- 1.8 At all times take all practicable steps to minimize hazards to persons, property and other aircraft (i.e. don't do anything hazardous). Give way to all other aircraft, and have abort systems in place in the event of a system failure (know how your aircraft will behave if a failure occurs)

- 1.9 If you are concerned that these rules are being breached, please contact the CAA on info@caa.govt.nz or phone (04) 560 9480.

1.1 Exemption to the CAA General Rules: Shielded Operations

You don't need to get a pilot licence or Air Traffic Control authorisation if you're flying as a "shielded operation" which CAA defines as "an operation of an aircraft within 100m of, and below the top of, a natural or man-made object". This means you can fly your unmanned aircraft in the Tauranga area as long as you keep your aircraft lower than the highest tree / building / ridge within 100m of where you're standing. You also need to be:

- outside the boundary of any aerodrome
- physically separated from any aerodrome by a barrier that is capable of arresting the flight of the aircraft (e.g. a fence, a hedge or a building)

2 Tauranga City Council Rules – applicable over TCC owned land

These rules must be complied with, at all times, in addition to all the other rules:

- Be courteous of other park users, who often are there for the quiet enjoyment of the park
- Do not operate within 20m of sensitive wildlife habitats, or, nesting or roosting birds, such as the NZ dotterel
- Do not operate during a fire ban period
- Do not overfly adjoining private property without prior consent from the owner/occupier
- Cease operation if requested by Council staff

Any breach of the above conditions could result in termination of your permission to use public land for the above purposes.

3 Application of Rules for TCC Parks and Reserves

Provided you follow all the CAA and Air Traffic Control operating rules, and the TCC rules, plus you have permission from anyone you will actually be flying over, you have Tauranga City Council's permission to fly in Council parks and reserves, with the exception of:

- Memorial Park;
- Blake Park;
- Council cemeteries; and
- any active reserves when organised sports events or training are taking place.

Council may consider specific requests to fly over these areas.

3 Privacy Act

You also need to comply with the Office of the Privacy Commissioner guidance on preserving peoples' personal privacy by not flying over other people using the park or over adjoining private property without their consent. Note that the Privacy Commissioner's CCTV guidelines apply to how someone might use drones fitted with cameras and comply with the Privacy Act.

Attachment B Mauao Operational Budget Breakdown 2016		
Mauao line items	Detailed Description	2016 Budget
Archaeology Survey	Advice for accidental discovery, and operational management activities	3,000
Ecological Advice / Survey	Professional advice on Ecological matters	2,000
Indigenous Fauna Survey	Monitoring and advice	1,000
General Maintenance	General maintenance of infrastructure and assets	5,000
Stock Management	Contracted management of sheep on site	22,000
Walkway Maintenance	Ongoing maintenance and unscheduled repairs of tracks on Mauao	36,668
Weeds Control	Weed control in line with BOPRC pest management plan	25,000
Fertilising	Fertiliser application to maintain pasture every two years	9,000
Pest Control	Contracted pest control	26,000
Revegetation/Planting/Maintenance	Supply of plants and trees, planting preparation, contracted planting in difficult terrain, fencing alterations and repairs, weed control, dangerous tree removal and pruning, additional unscheduled pest animal control	147,756
Fauna Monitoring (Exotic & Indigenous)	Annual monitoring of pest animal populations and indigenous fauna	5,000
Vegetation Monitoring	Annual Vegetation monitoring	5,000
Stability Monitoring	Bi annual rock stability assessment survey to ensure public safety	16,000
Total		303,424

Mount Events Jan- March 2016

Start Date	Start Time	Anchor Venue	Description	Account	Type	Status	Event ID
22/01/16	05:00 p.m.	Coronation Park	Gourmet Night Market 2015/16	Tenacity Ltd T/a Gourmet Night	Event - Summer Event (EVESU)	Confirmed (37)	17175
29/01/16	05:00 p.m.	Coronation Park	Gourmet Night Market 2015/16	Tenacity Ltd T/a Gourmet Night	Event - Summer Event (EVESU)	Confirmed (37)	17177
30/01/16	12:00 a.m.	Coronation Park	Colour Splash	One Love	Event (EVE)	Contract Received (33)	16843
05/02/16	05:00 p.m.	Coronation Park	Gourmet Night Market 2015/16	Tenacity Ltd T/a Gourmet Night	Event - Summer Event (EVESU)	Confirmed (37)	17179
06/02/16	12:00 a.m.	Coronation Park	The Little Big Markets - Summer Season	The Little Big Markets	Event - Summer Event (EVESU)	Postponement Date (18)	16621
12/02/16	05:00 p.m.	Coronation Park	Gourmet Night Market 2015/16	Tenacity Ltd T/a Gourmet Night	Event - Summer Event (EVESU)	Confirmed (37)	17181
19/02/16	05:00 p.m.	Coronation Park	Gourmet Night Market 2015/16	Tenacity Ltd T/a Gourmet Night	Event - Summer Event (EVESU)	Confirmed (37)	17183
26/02/16	05:00 p.m.	Coronation Park	Gourmet Night Market 2015/16	Tenacity Ltd T/a Gourmet Night	Event - Summer Event (EVESU)	Confirmed (37)	17185
04/03/16	05:00 p.m.	Coronation Park	Gourmet Night Market 2015/16 - Sustainable	Tenacity Ltd T/a Gourmet Night Market	Event - Summer Event (EVESU)	Confirmed (37)	17187
05/03/16	12:00 a.m.	Coronation Park	The Little Big Markets - Summer Season	The Little Big Markets	Event - Summer Event (EVESU)	Postponement Date (18)	16622
25/03/16	10:00 a.m.	Coronation Park	Easter in The Park	Mosaic Church	Event - Summer Event (EVESU)	Contract Received (33)	16381
27/02/16	02:30 p.m.	Mauao	Chiefs Training up Mount - 27th Feb	Chiefs		Confirmed (37)	17563
27/01/16	11:00 a.m.	Mauao	Cheifs - Fundraiser Austin Manning - Run	Chiefs	Information only (FYI)	Confirmed (37)	17124
05/02/16	12:00 a.m.	Mauao	Mount Everest Challenge	Mediaworks Radio	Information only (FYI)	2nd Tentative (27)	16984
19/03/16	12:00 a.m.	Mauao	Laser Plumbing Fundraiser - 24 Hour Relay around the	Laser Plumbing	Event (EVE)	3rd Tentative (26)	17338

Attachment C - Mauao 2016 Events Calendar

06/02/16	05:00 a.m.	Mount Drury Reserve	Waitangi Day 2016	Tauranga City Council	Event (EVE)	1st Tentative (28)	17108
12/03/16	05:00 p.m.	Mount Drury Reserve	Night Owl Cinema - David Bowie Tribute	Night Owl Cinema	Event (EVE)	1st Tentative (28)	17569
19/03/16	04:00 p.m.	Mount Drury Reserve	Aotearoa Surf Film Festival 2016	Aotearoa Surf Film Festival	Event - Summer Event (EVESU)	Confirmed (37)	15856
30/01/16	06:00 a.m.	Mt Maunganui Main Beach	Eastern Region Senior Surf Life Saving	Surf Life Saving New Zealand	Event - Summer Event (EVESU)	Contract Sent (29)	15845
05/02/16	12:00 a.m.	Mt Maunganui Main Beach	NZ Secondary Schools Beach Volleyball Champs	Volleyball New Zealand	Sport - Event (SPEVE)	2nd Tentative (27)	15884
28/02/16	02:00 p.m.	Mt Maunganui Main Beach	New Zealand Home Loans XRACE Series	s 7(2)(a) - Privacy	Event - Summer Event (EVESU)	Confirmed (37)	15963
29/02/16	08:00 a.m.	Mt Maunganui Main Beach	Oceans 16 - U14 NZ Surf Life Saving Championships	Surf Life Saving New Zealand	Event - Summer Event (EVESU)	Contract Received (33)	15570
11/03/16	01:00 p.m.	Mt Maunganui Main Beach	Sand to Surf Ocean Swim 2016	Quantum Events	Event - Summer Event (EVESU)	Contract Sent (29)	15823
12/03/16	11:00 a.m.	Mt Maunganui Main Beach	Mount Beach Bald		Event (EVE)	Contract Sent (29)	17378
01/02/16	07:00 a.m.	Mt Maunganui Main Beach -	New Zealand representative	s 7(2)(a) - Privacy	Event - Summer Event (EVESU)	Confirmed (37)	16695
27/02/16	09:00 a.m.	Mt Maunganui Main Beach -	Equippers Church Event		Event (EVE)	Confirmed (37)	17050
07/02/16	10:00 a.m.	Omanu Beach (in front of Omanu Surf Club)	Eastern Region Masters Championships	Surf Life Saving New Zealand	Sport - Event (SPEVE)	1st Tentative (28)	15874
13/02/16	08:00 a.m.	Pilot Bay Reserve	Foundation Clinic Half Marathon	Foundation Clinic	Sport - Event (SPEVE)	Contract Received (33)	15886
20/02/16	09:00 a.m.	Pilot Bay Reserve	Generation Homes Women's Triathlon	Triathlon Tauranga	Sport - Event (SPEVE)	Contract Sent (29)	15842
13/03/16	05:00 a.m.	Pilot Bay Reserve	Marra Sprint Triathlon 2016	Triathlon Tauranga	Sport - Event (SPEVE)	1st Tentative (28)	15841

23

Wednesday the 13th of Jan

At approximately 11:15 pm a fire was discovered on the Mauao on the upper eastern slopes of the Mauao. The fire service responded and was on the scene by 11:30pm at which point the fire was burning well upslope and funnelling over the summit. Initial efforts by those on site set up an incident control point at the surf club, evacuated the reserve and set up security to ensure only authorised personnel were able to access the site. The water supply was primed and tested and helicopter support was called. Due to the lack of daylight and strong SE winds pilots were not comfortable to fly until first light.

14th of Jan

Incident control was handed over to s 7(2)(a) - Privacy Principal Rural Fire Officer for Pumice lands Enlarged Rural Fire District once he arrived on the Scene. Aerial Attack operations took place from first light to extinguish the fire with two helicopters and monsoon buckets and a rotating ground support crew. Water was supplied at the first hydrant point on the eastern side of the Maunga by the high volume pump network. Once the fire was under control and no longer a risk of spreading the two helicopters were stood down but remained on standby in case they were required again. The fire was monitored for the rest of the day and evening to ensure that it did not flare up again. Fire service resources and command centre were stood down once no longer required. Adams Avenue was closed to vehicle traffic by police and Mauao remained closed to all visitor traffic to ensure visitor safety.

15th of Jan

Police and Rural fire investigators inspected the scene from first light. A department of Conservation rural fire crew was deployed to mop up and cold trail the fire ground on foot to ensure there were no remnant hotspots before the fire was declared out. A crew from Avalon industrial services was deployed following the mop up to survey the burnt area for any new and immediate rock fall hazards following the fire and suppression activities that may pose a risk to walkers on the Waikorere track and wider reserve and campground. The Avalon flew a small drone first to get a good feel of the issues before setting up and using rope and harness equipment to undertake a thorough assessment and mitigation of any immediate hazards to the track area below. Access to the base track was re-opened at approximately 2:30pm and to the rest of the reserve (excluding the Waikorere track) from 5pm once the Avalon crew had finished on the slope for the day.

16th and 17th of Jan

Over the weekend the Waikorere track remained closed due to the potential risk of rock fall from above the track in the burnt area. Signage and barriers were used and security guards were stationed at each end of this track section to ensure visitor safety.

18th of Jan

Avalon crew returned to continue with the rock stability assessment and hazard mitigation as the task was not yet complete. The Waikorere track remained closed overnight.

19th of Jan

Avalon crew returned to complete the survey and mitigation of the burnt area.

Waikorere track opened again to public access at approximately 5pm.

Some Post Fire recommendations for consideration include:

- Security patrols for peak period and extreme fire weather might help prevent fires and other unwanted activity during the peak season
- A shift to a total fire ban for Mauao might help prevent more fires occurring and make appropriate signage adjustments
- Re-vegetation of the burn area in the May planting period may help speed up the recovery, mitigate erosion and reduce the establishment of weeds
- Consider the use of CCTV on site at track entrances to assist with monitoring and preventing unwanted or identifying offenders.





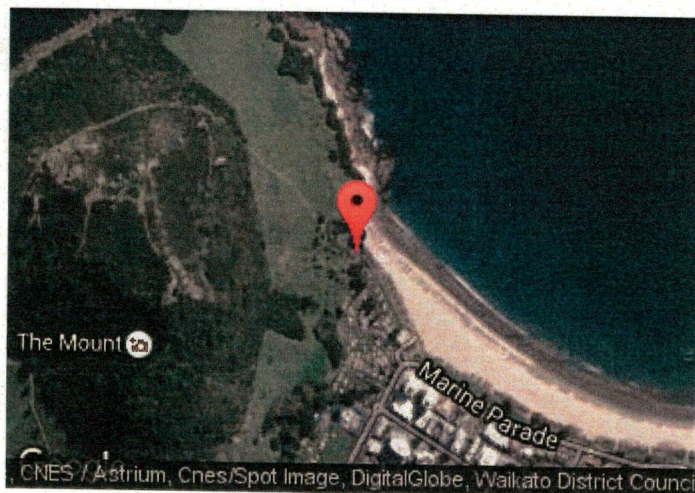
Attachment D - January 13 2016 Fire Event Summary





Main Access Track

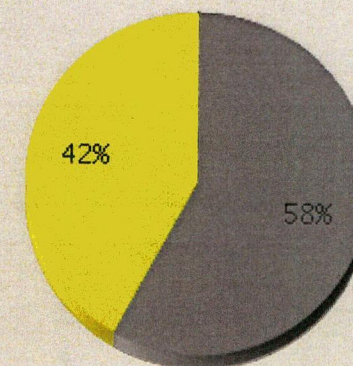
Period Analysed: Monday 21 December 2015 to Monday 18 January 2016



Key Figures

- Total Traffic for the Period Analysed: 56,143
- Daily Average : 1,936
- Busiest Day of the Week : Sunday
- Busiest Days of the Period Analysed:
 1. Monday 28 December 2015 (3,613)
 2. Tuesday 29 December 2015 (3,364)
 3. Monday 04 January 2016 (3,363)
- Distribution by Direction:

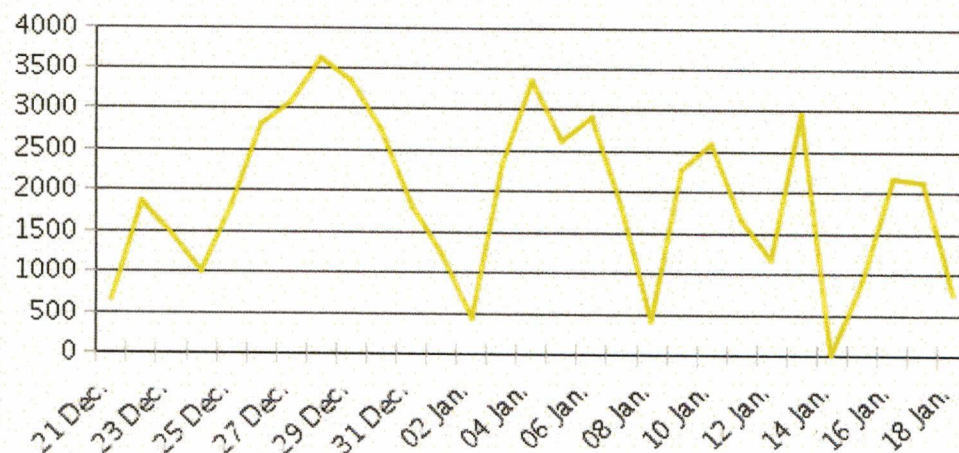
- Channel 2 OUT : 42%
- Channel 1 IN : 58%



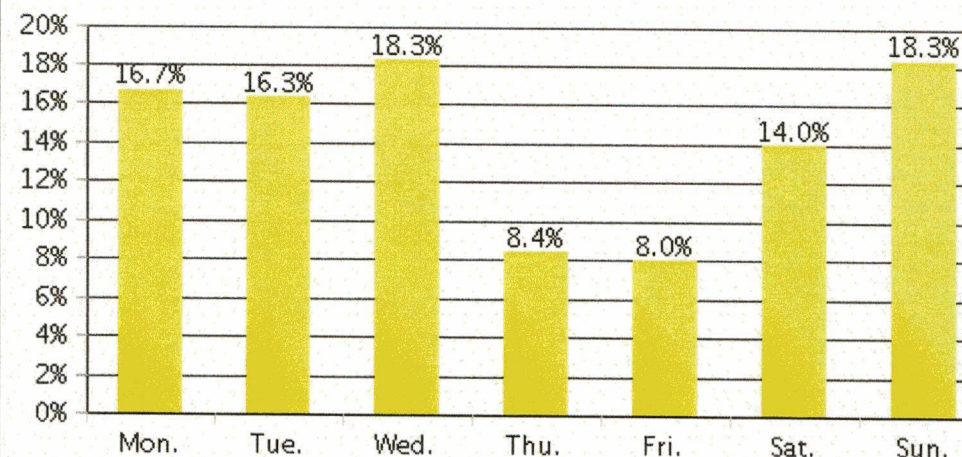
Main Access Track

Period Analysed: Monday 21 December 2015 to Monday 18 January 2016

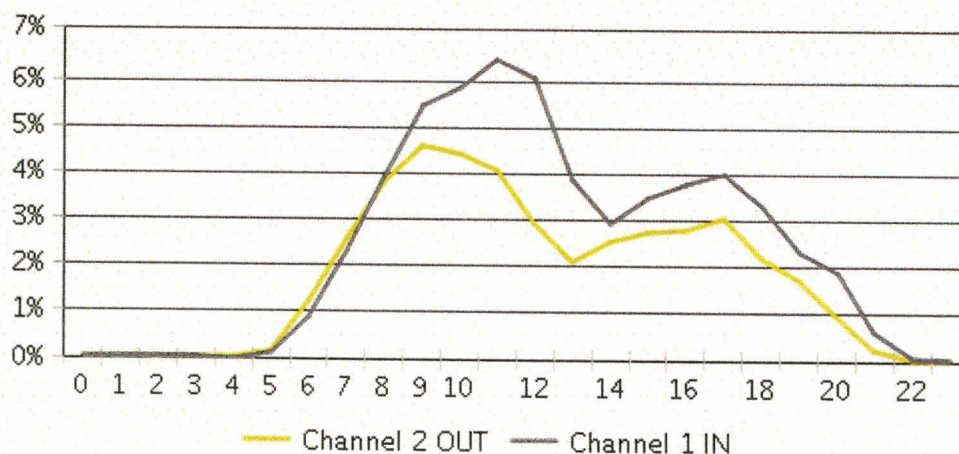
Daily Data



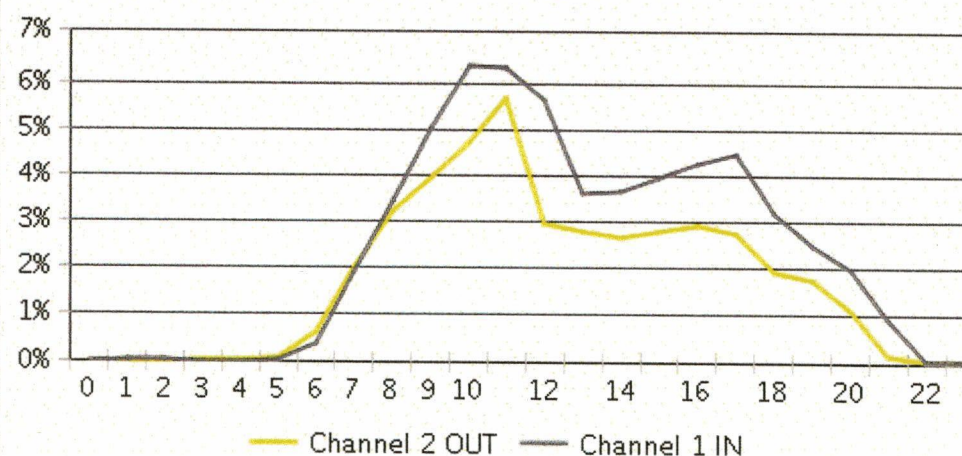
Weekly Profile



Hourly Profile during Weekdays

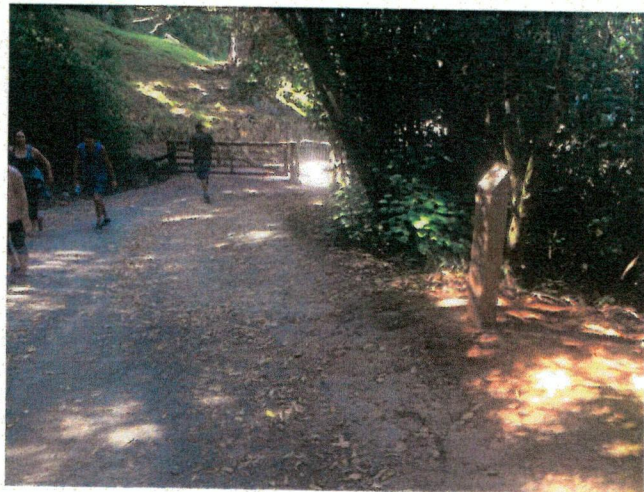
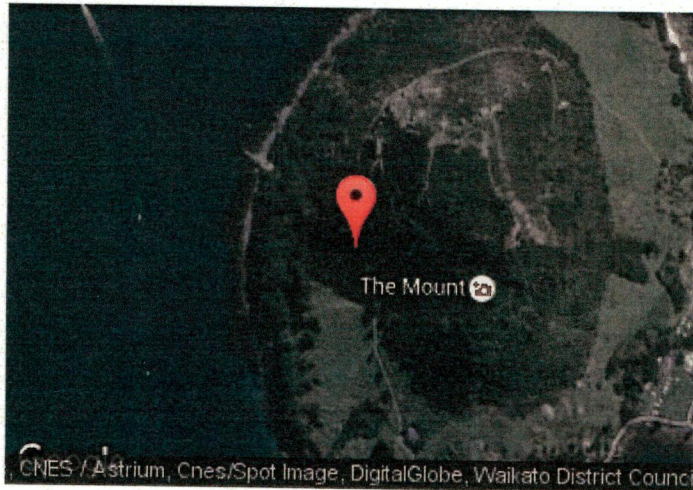


Hourly Profile during the Weekend



Mount 4wd Track

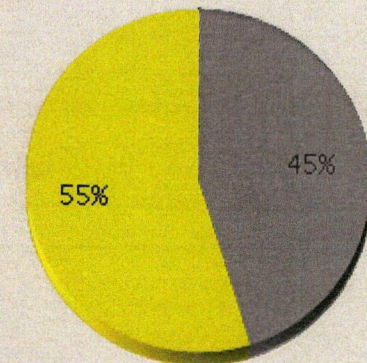
Period Analysed: Monday 21 December 2015 to Monday 18 January 2016



Key Figures

- Total Traffic for the Period Analysed: 28,618
- Daily Average : 987
- Busiest Day of the Week : Sunday
- Busiest Days of the Period Analysed:
 1. Monday 04 January 2016 (1,641)
 2. Monday 28 December 2015 (1,559)
 3. Tuesday 29 December 2015 (1,542)
- Distribution by Direction:

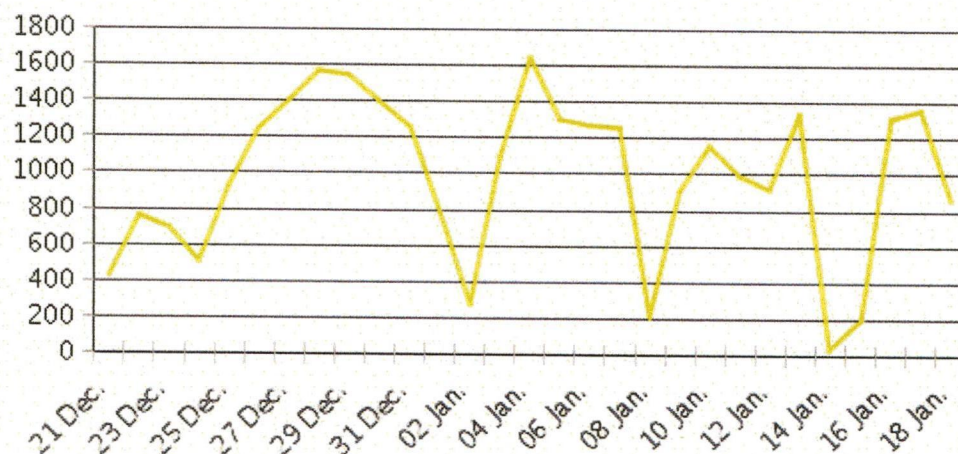
- Channel 2 OUT : 55%
- Channel 1 IN : 45%



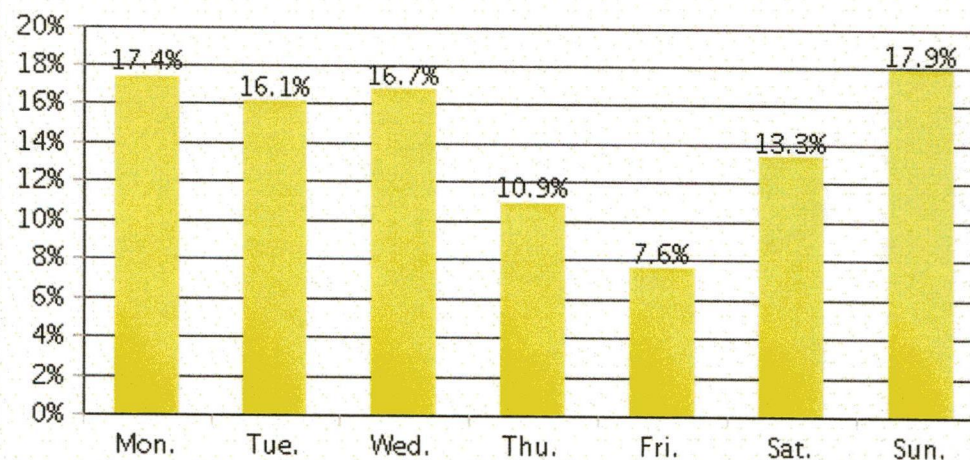
Mount 4wd Track

Period Analysed: Monday 21 December 2015 to Monday 18 January 2016

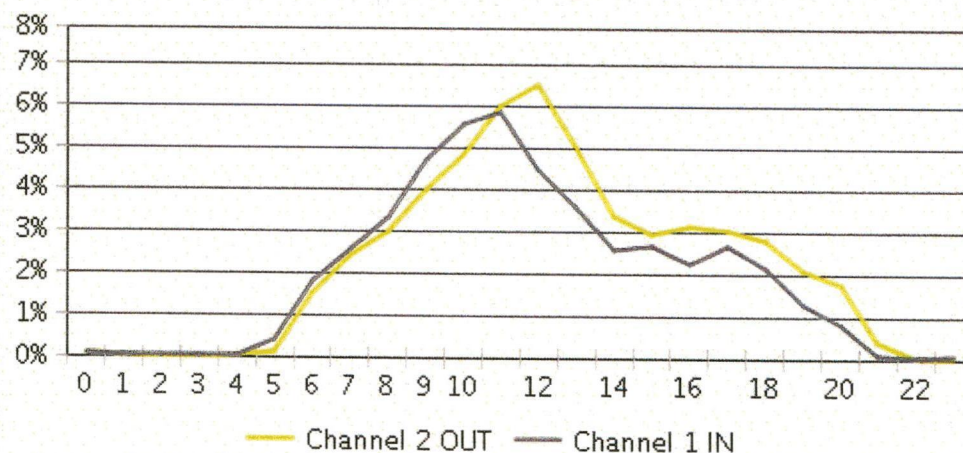
Daily Data



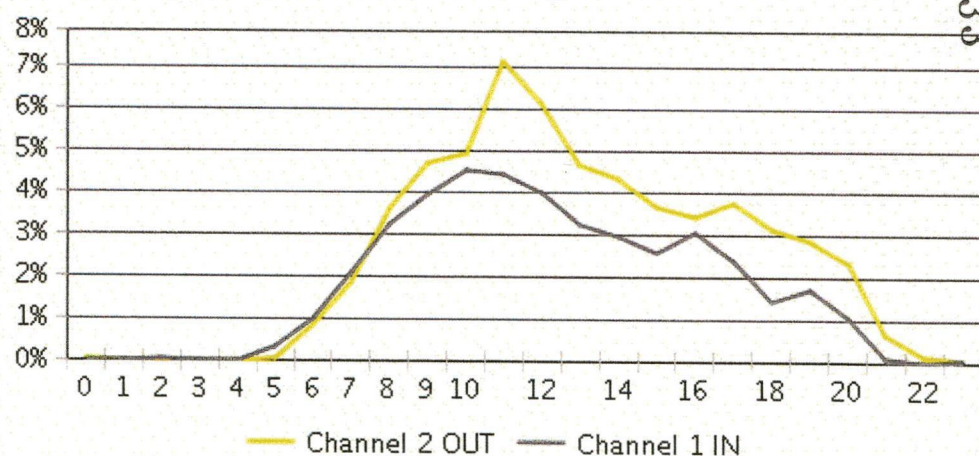
Weekly Profile



Hourly Profile during Weekdays

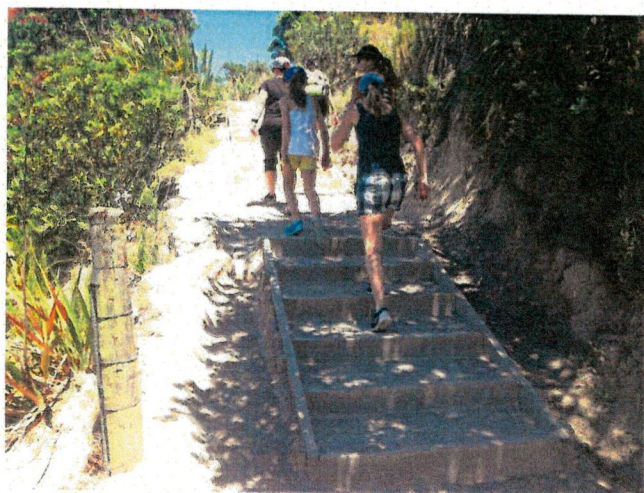
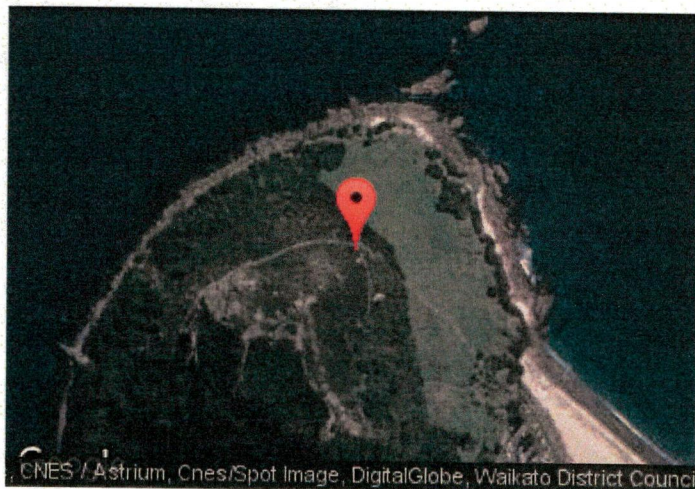


Hourly Profile during the Weekend



V Track Left

Period Analysed: Monday 21 December 2015 to Monday 18 January 2016

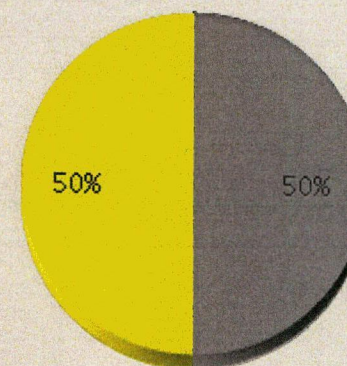


Key Figures

- Total Traffic for the Period Analysed: 75,584
- Daily Average : 2,606
- Busiest Day of the Week : Wednesday
- Busiest Days of the Period Analysed:
 1. Monday 04 January 2016 (4,576)
 2. Wednesday 06 January 2016 (4,539)
 3. Tuesday 05 January 2016 (4,536)
- Distribution by Direction:

■ Channel 2 OUT : 50%

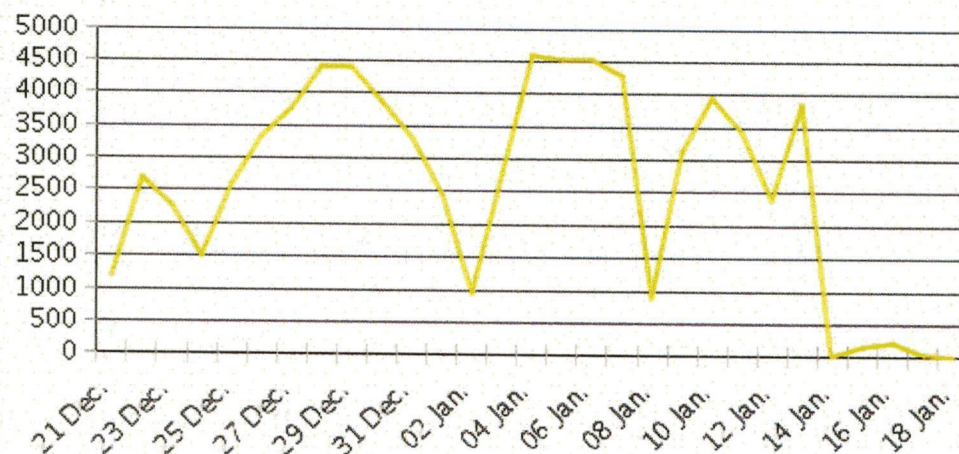
■ Channel 1 IN : 50%



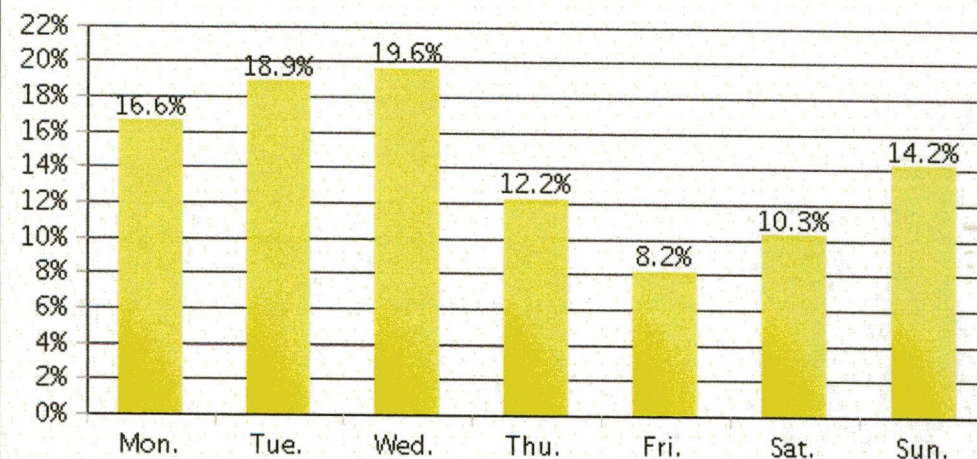
V Track Left

Period Analysed: Monday 21 December 2015 to Monday 18 January 2016

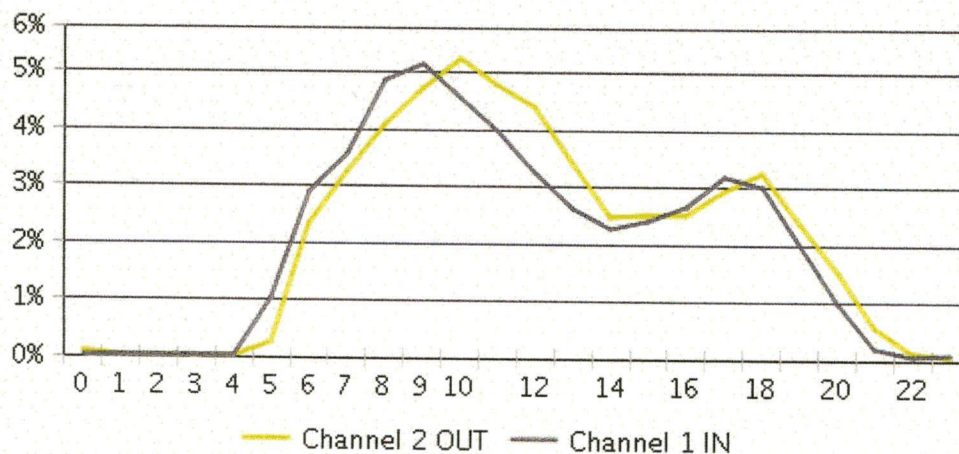
Daily Data



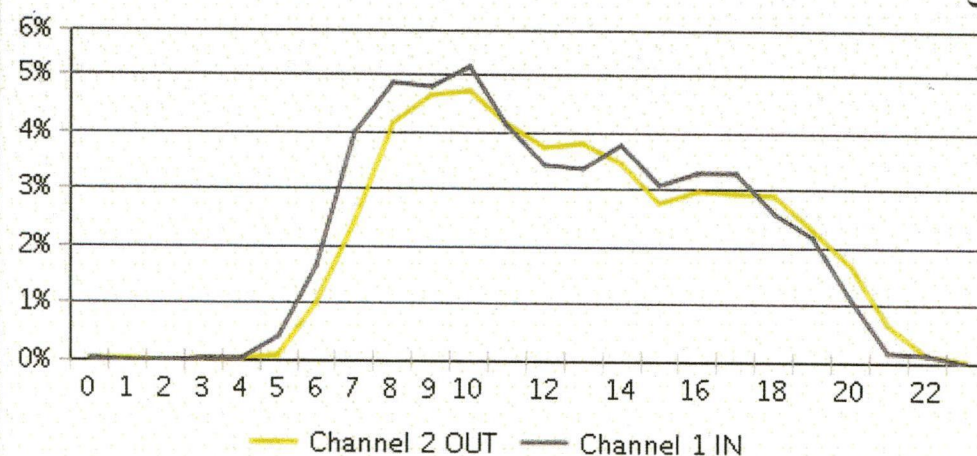
Weekly Profile



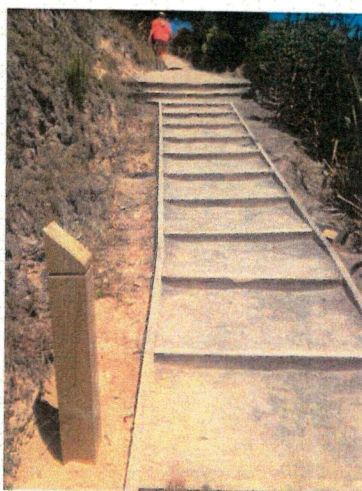
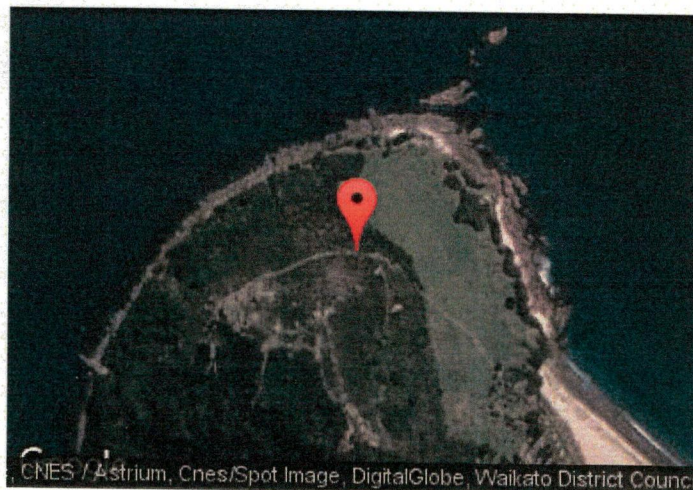
Hourly Profile during Weekdays



Hourly Profile during the Weekend



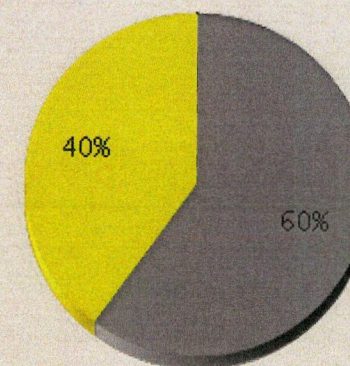
35



Key Figures

- Total Traffic for the Period Analysed: 42,879
- Daily Average : 1,479
- Busiest Day of the Week : Sunday
- Busiest Days of the Period Analysed:
 1. Sunday 17 January 2016 (3,422)
 2. Saturday 16 January 2016 (3,013)
 3. Tuesday 05 January 2016 (2,285)
- Distribution by Direction:

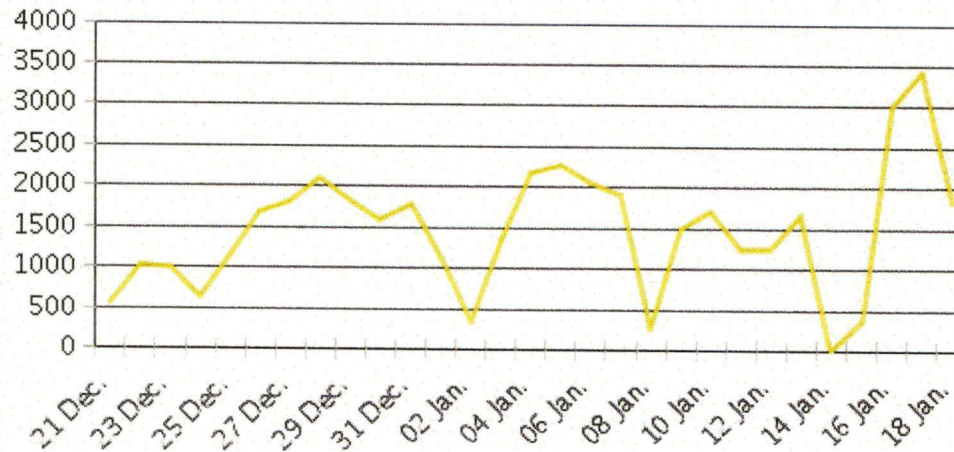
- Channel 2 OUT : 40%
- Channel 1 IN : 60%



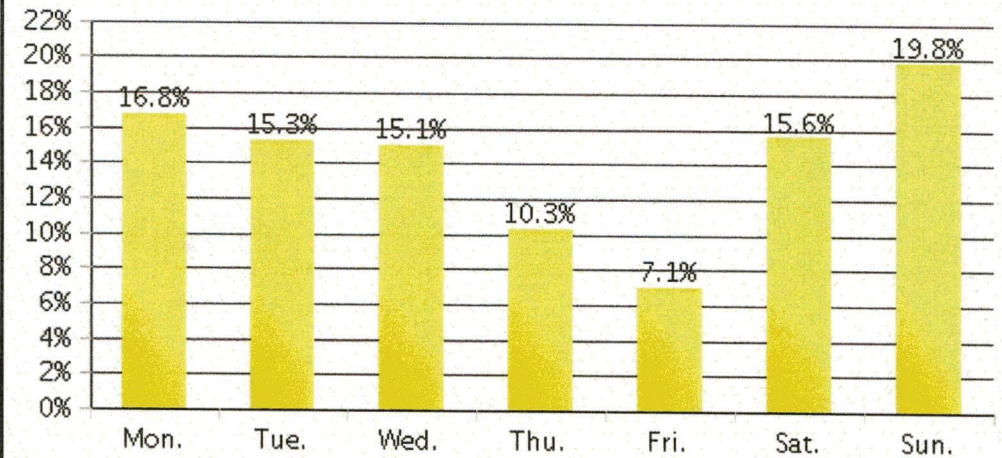
V Track Right

Period Analysed: Monday 21 December 2015 to Monday 18 January 2016

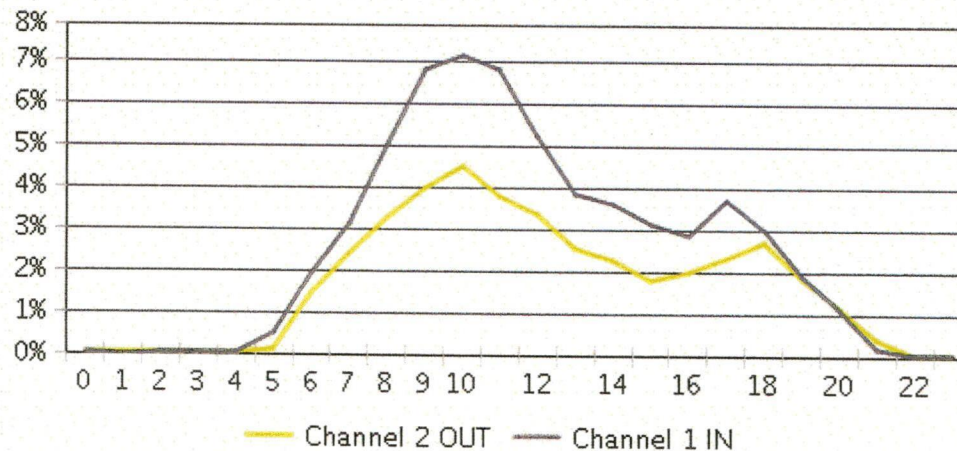
Daily Data



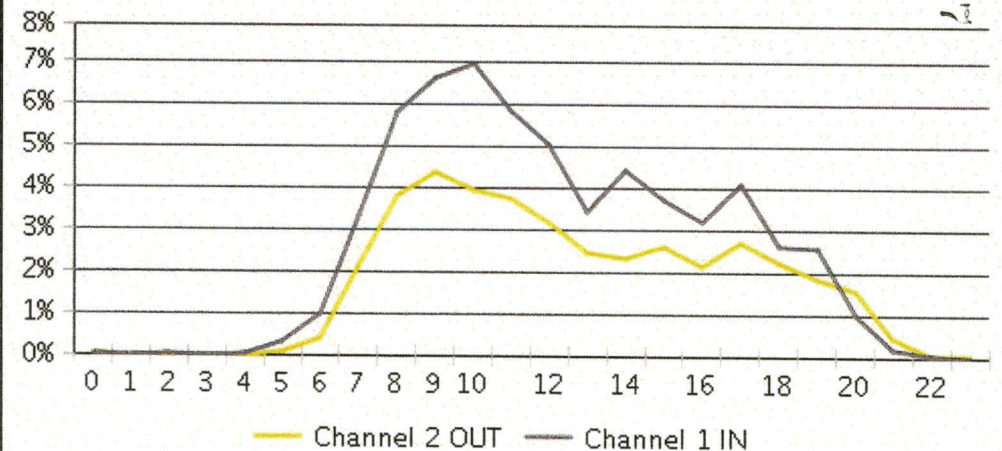
Weekly Profile



Hourly Profile during Weekdays



Hourly Profile during the Weekend





Review of the Mauao Historic Reserve Management Plan

Purpose

1. To update Nga Poutiriao o Mauao on progress with the review of the Mauao Reserve Management Plan.

Executive Summary

2. A review of the Mauao Historic Reserves Management Plan is currently being undertaken as agreed by Nga Poutiriao o Mauao at its meeting on 1 April 2014.
3. Council agreed on 17 November 2015 to notify the public of the intent to review the Mauao Reserve Management Plan and call for written submissions on 1 February 2016.
4. An engagement plan has been prepared and it is requested that a discussion be had today as to the best format for engagement with the Mauao Trust and /or iwi representatives at today's meeting.
5. It is anticipated that the Mauao Trust will adopt their new Strategic Plan on 26 January 2016 which will feed into the development of the Reserve Management Plan.
6. A review of the updated Conservation Plan has been undertaken by an archaeologist as directed at the joint meeting of Nga Poutiriao o Mauao and the Mauao Trust on 6 October 2015 and staff are seeking further work from an archaeologist to ensure the satisfaction of Heritage New Zealand with the Conservation Plan.

Recommendations

That Nga Poutiriao o Mauao:

- (a) Receives the report
- (b) Provides advice on the most effective and cost-efficient way to enable participation by the represented iwi.

Discussion

7. Nga Poutiriao o Mauao resolved to commence a review of the Mauao Reserve Management Plan (RMP) at its meeting on 1 April 2014.
8. An outline of the remaining steps in the process is included below.



Step	Key Tasks	Indicative Timeframe	Responsibility
2.	Undertake consultation	5 February – 4 April 2016	Project team
3.	Prepare draft reserve management plan	April - June 2016	Project team
4.	Present draft reserve management plan to the Joint Board for approval	July 2016	Project team
5.	Present draft reserve management plan to the Mauao Trust for approval	July/August 2016	Project team/Joint Board
6.	Present draft reserve management plan to Council for adoption for public consultation	August 2016	Project team/Joint Board
7.	Publicly notify the draft Mauao Historic Reserve Management Plan and request written comment from interested parties – Minimum two month period Hearings Committee structure approved	September – October 2016	Project team Joint Board / Council / Mauao Trust
8.	Collate and review submissions	November – December 2016	Project team
9.	Administering body to establish hearings committee	November - December 2016	Council/Joint Board/Mauao Trust
10.	Prepare project team recommendation report for the Joint Board (Reserves Act hearing process)	December – January 2017	Project team
11.	Reserves Act Hearing and deliberations process	February 2017	Hearings Committee
12.	Make amendments to the draft reserve management plan as a result of hearings and deliberations	March - April 2017	Project team
13.	Present final RMP to Joint Board	April 2017	Project team
14.	Present final RMP to Mauao Trust for Approval	May 2017	Project team/Joint Board
15.	Final adoption of Mauao Historic Reserve Management Plan	May 2017	Council /Joint Board/ DOC

9. Until legislative changes are finalised, the administering body function of the reserve remains with Council, and Council is required by the Reserves Act 1977 to formally notify the intent to review the RMP.
10. On 17 November, Council formally agreed to notify the public of the intent to review the RMP as required by the Reserves Act and as directed by Nga Poutiriao o Mauao and the Mauao Trust at the 6 October joint meeting. This notification of the public will occur on 5 February and consultation with the community and key stakeholders will occur until 4 April 2016.

Engagement Plan

11. An engagement plan has been prepared and it is requested that a discussion be had today as to the best format for engagement with iwi members at today's meeting.
12. There is a two-month period allocated for initial engagement prior to writing a draft Reserve Management Plan. This includes:



- an online survey,
 - social media campaign,
 - billboards and postcards handed out onsite,
 - advertising in the Weekend Sun,
 - My City News and Council communications
 - Community open days onsite with attendance from Joint Administration Board,
 - Workshops with key stakeholders
 - Mauao Trust / iwi representatives
 - DOC, Mauao wildlife trust and others concerned about conservation
 - Event organisers and Tourism Bay of Plenty
 - Local businesses, surf lifesaving club, Mount Campground and hot pools, and local clubs that use Mauao
13. It is anticipated that the Mauao Trust will adopt their new Strategic Plan on 26 January 2016 which will feed into the development of the Reserve Management Plan.
14. Advice is sought from Nga Poutiriao o Mauao as to the best way to engage with the Mauao Trust / iwi representatives during this process of engagement prior to writing the draft Reserve Management Plan.

Conservation Plan

15. Wildland Consultants Limited developed the Conservation Plan for Mauao in 2004. Wildlands was contracted to undertake an update of the Conservation Plan using the four previously completed specialist assessments, to plan for the conservation of the cultural, archaeological, and ecological resources and values of the historic reserve.
16. At the 6 October joint meeting between Nga Poutiriao o Mauao and the Mauao Trust, it was requested that a review of the archaeological aspects of the updated Conservation Plan be undertaken by an archaeologist.
17. [Redacted] of InSitu Heritage Ltd was contracted to provide this review. [Redacted] was concerned that the archaeological site condition reporting and specifications is largely unchanged and the updated conservation plan is repeating 2004 archaeological specifications without adequate assessment of their effectiveness. She also concluded that a systematic review is required of the fence lines due to Ken Phillips archaeological assessment.
18. Staff are procuring additional archaeological work to finalise the updates to the Conservation Plan. This will occur in conjunction with the engagement process.

Next Steps

19. Engagement with the Mauao Trust / iwi representatives, key stakeholders, and the public of Tauranga during February and March 2016 prior to writing a draft Reserve Management Plan.



Consideration

Community

20. It is anticipated that there will be a high level of community interest in the review of the Mauao Historic Reserve Management Plan. An engagement plan has been prepared which identifies the intended community engagement approach.

Significance

21. The review of the Mauao Historic Reserve Management Plan is considered of high significance as it will affect a wide range of people and groups who make up the city's community.

Signatories

Authors	s 7(2)(f)(ii)	
Authorisers		