

NGA MANA WHENUA O TAMAKI MAKAUARAU / TUPUNA TAONGA O TAMAKI MAKAUARAU TRUST

NOTICE OF PROPOSED ACTIVITY ON MAUNGA

MAUNGAWHAU

Native Tree Planting

DELEGATION AND MANA WHENUA CONSULTATION THRESHOLDS

Category:	Major
Thresholds:	<p>Any major event or a significant annual event with substantial changes in scale, nature and /or activity</p> <p>Filming that</p> <ul style="list-style-type: none"> - has more than 30 crew and 1 to 100+ talent - has more than 6 trucks - has a large unit base - has significant structures and equipment - has significant temporary traffic management required - has potential to have significant impact on the reserve values and infrastructure - has no inappropriate content - is likely to be significant disruption to park operations, park visitors and /or neighbouring properties <p>Any activity where there is or is likely to be significant mana whenua or public interest</p> <p>Any activity that involves earthworks.</p>
Delegations:	The Maunga Authority Filming and Events Rōpū (Maunga Authority members delegated to manage the filming and events portfolio) will generally refer these requests to the Maunga Authority.
Mana whenua consultation requirements:	The applicant is required to consult mana whenua prior to lodging their application and outline responses in their application.

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FEEDBACK

It would be appreciated if any feedback could be provided to Scott De Silva, Manager Tupuna Maunga

(e: scott.desilva@aucklandcouncil.govt.nz ; ph.: 027 494 3624), **by 14 December 2016.**

The Manager Tūpuna Maunga will collate any feedback and clarify expectations with Iwi / Hapu.

IWI/HAPŪ INTERESTS IN MAUNGAWHAU

Ngāi Tai ki Tāmaki
Ngāti Maru
Ngāti Pāoa
Ngāti Tamaoho
Ngāti Tamaterā
Ngāti Te Ata
Ngāti Whanaunga
Ngāti Whātua Orākei
Ngāti Whātua o Kaipara
Te Ākitai Waiohū
Te Kawerau ā Maki
Te Patukirikiri
Te Rūnanga o Ngāti Whātua

PROPOSED ACTIVITY

Friends of Maungawhau have requested approval to continue to carry out ‘in-fill’ planting of native species on the lower southern slopes between Batger Road and Owens Road on Maungawhau.

The Friends of Maungawhau have been actively involved within the area for a significant period of time carrying out consented restoration planting in the past and ongoing weed control as part of their volunteer program.

The planting program objective is to provide a vegetative cover using a range of native species appropriate for the site and also to assist with suppressing weeds. The area was partially planted under consent several years ago. Since then the removal of large exotic pine trees has opened areas to weed infestation.

The planting plan will work alongside the weed program and tree removal program replacing weed species with native plants as weed species are removed.

The planting will assist with the reduction of fire risk with the recommendation for a number of fire resistant species proposed and stabilising the slopes.

The plant species selected have been approved by Auckland Council Biodiversity staff and all plants will be eco-sourced from stock on or around Maungawhau or within the Tāmaki Ecological District.

Consents will need to be acquired prior to planting and will be undertaken by the Auckland Council Tūpuna Maunga team.

Friends of Maungawhau will undertake the planting program under the guidance of the Tūpuna Maunga team and planting plan guidelines.

Date	Location	Event times
May to July 2017-2021	Maungawhau – lower slopes between Batger and Owens Roads	N/A

Archaeological assessment: required as part of consent

PARKS ASSESSMENT

Council staffs have completed the planting plan document and have had a review internally to confirm the appropriate plant species the works will enhance the Batger Quarry area by suppressing weeds and stabilising scoria slope. Staff support the proposed works and suggested timeframes.

The following conditions are recommended:

- Tūpuna Maunga staff work with the Friends of Maungawhau on production of plants and planting to align with the attached planting program.
- Tūpuna Maunga staff gain all required consent requirements.
- Planting is restricted to the area outlined in the attached map.
- Selections of plants are restricted to the species identified in the planting plan – Attachment 1
- Tūpuna Maunga staff to work with Friends of Maungawhau to facilitate an onsite meeting with Ngā Mana Whenua o Tāmaki Makaurau on-site prior to planting to explain the planting project objectives
- Friends of Maungawhau to report back to Tūpuna Maunga staff on how the planting project will incorporate feedback and wishes of Mana Whenua.

SITE MAP:





SITE PHOTOS:





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FEES & BONDS

Manager Tūpuna Maunga recommends no fees.

Application Fee	\$0.00
Half day fee (location Zone A)	\$0.00
Total	\$0.00
Bond	\$0.00
Total	\$0.00

ATTACHMENT 1 – Planting Program

Maunga Name: Maungawhau	Site Location: Batger Rd to Owens Rd
Date plan prepared: October 2016 - 1 st draft	Prepared by: Rob Mouldley
Park Classification: Volcanic Cones – Ngā Tūpuna Maunga	Type of planting: Revegetation: Planting Program *
Ngā Tūpuna maunga o Tāmaki Makaurau Authority: Tūpuna Maunga (TM) Operational Plan 2016/17 <u>Prioritised Projects</u> (p13) Mauri Pūnaha Hauropi/Ecology and Biodiversity: Vegetation Management, including removal of harmful exotic species <u>Maungawhau: Mt Eden</u> (p35) Mauri Pūnaha Hauropi/Ecology and Biodiversity: Vegetation Management – Support the Friends of Maungawhau (FOM) planting program by funding nursery supplies. Mana Hononga Tangata/Living Connection: Volunteers and Partners – Continue to build strong working relationships with the Friends of Maungawhau and locals on the maunga.	
Site description: The southern lower slopes of Maungawhau between Batger Rd and Owens Rd. Part of the area was planted with native vegetation under guidance on an archaeological report prepared in 2009 by FoM. The consent we understand was approved by the legacy Auckland City Council and also the Auckland Council. The proposed planting area extends approximately 50m from the legal boundary and is mostly below the existing walking tracks. Size of Area: Approx. 3ha total area Topography: Moderate to steep slopes above private property boundaries Existing Vegetation: Mix of planted and regenerating secondary native scoria forest, with invasive tree and plant species (Monkey apple, Pine, Privet, Montpellier broom, mistflower, kikuyu, veldt grass, ivy-leaved toadflax etc). The nearest mature native vegetation similar to the original climax-forest of this site: remnant native scoria forest exists 900m east of this secondary growth area, at Withiel Thomas Reserve, Withiel Drive, Epsom.	
Describe vegetation of similar sites locally: Mature scoria forest growing on lava-flow slopes in a similar situation include: <i>Griselinia lucida</i> , mahoe (<i>Melicactus ramiflorus</i>), whau, pohutukawa, titoki, houpara, kohuhu, wharangi, kawakawa, rangiora, coastal astelia, <i>Gahnia lacera</i> , karamu, <i>Coprosma rhamnoides</i> , nikau, akatea (<i>Metrosideros perforata</i>), and ferns including <i>Microsorium pustulatum</i> , <i>Pyrossia eleagnifolia</i> , <i>Asplenium oblongifolium</i> , & <i>Pteris tremula</i> .	
Results of wider maunga values assessment: Significant landscape features – scoria cone, volcanic landform, significant geological features, significant iwi cultural and archaeological features, visual patterns and strong heritage associations. An assessment was completed for Maungawhau by Opus Consultants: Maungawhau Mt Eden Draft Vegetation Management Plan 2007 . This re-vegetation assessment meets the following objectives from page 45 of the plan: <ul style="list-style-type: none"> • Ongoing weed control • Neighbour weed education • Encourage plant care groups • Replant native understorey • Remove pine trees It is considered that any impact on cultural, archaeological, geological values would be minor and would not limit their integrity, use or create any impact on taonga or visitor's experience. A number of sites in close proximity to the area have been identified as cultural sites. A site visit by a suitably	

qualified archaeologist prior to further planting is recommended to determine if this will impact on this proposed plan.

Methods:

Clear remnant weeds progressively and replant gaps with individual plants c.0.5-1m apart, spacing dependant on species requirements and where practically possible. View shafts will be retained by planting low growing species closer to the tracks. Planting will not occur within 1.5m of the walking tracks unless low growing herbaceous spp. Friends of Maungawhau are already involved in restoration work on this site, so they (and maybe other volunteer groups organised by TM staff) could be involved in this renewal planting.

Controlled release fertiliser tablets should be added at the time of planting. This planting is following up on where weeds have been controlled to establish native spp to prevent the invasion of more aggressive weed spp.

Releasing of plantings may be required where weed species create competition.

Timeframes:

Number of planting days - when suitable conditions permit – usually each Tuesday in late autumn to mid- winter with a public planting day on a weekend.

Initial number of years of planting required to achieve goal - 5

Year to start planting - 2017

Complete planting – 2022

Reassessment after the 5 years

Plant Supply and seed collection:

Plants will be eco-sourced from stock on or around Maungawhau, or within the Tāmaki Ecological District. Plants will be supplied by the Maungawhau Nursery (tended by FoM) and by an appropriate native plant nursery.

Common hardy sub-canopy species are most suitable for planting on this site. No canopy trees will be planted – see species list below:

Plants should be supplied in small containers to ensure small plant size and provide low disturbance and ease of planting

Number of plants: Maximum 500 plants per annum.

Proportion Guidelines	Common Name	Plant Numbers
<i>Astelia banksii</i>	Kowharawhara	20
<i>Asplenium oblongifolium</i>	Huruhuru Whenua, Shining spleenwort	20
<i>Brachyglottis repanda</i>	Rangiora	15
<i>Coprosma crassifolia</i>	Mingimingi, karamu, coprosma	35
<i>Coprosma rhamnoides</i>	Mingimingi, karamu, coprosma	15
<i>Coprosma macrocarpa</i> subsp. minor	Karamu, coprosma	35
<i>Gahnia lacera</i>	Toe toe, cutty grass	20
<i>Geniostoma ligustrifolium</i> var. <i>ligustrifolium</i>	Hangehange	35
<i>Griselinia lucida</i>	Puka	40
<i>Melicytus ramiflorus</i>	Mahoe, whiteywood	25
<i>Metrosideros perforata</i>	Akatea, white rata	25
<i>Microsorium pustulatum</i>	Kowaowao, hounds tongue	25
<i>Oplismenus hirtellus</i> subsp. <i>Imbecillis</i>	Oplismenus	20

Pellaea falcata ¹	Sickle fern, cliff brake	50
Piper excelsum subsp. excelsum	Kawakawa	25
Pittosporum crassifolium	Karo	15
Pseudopanax lessonii	Houpara	15
Pteris tremula	Turawera, shaking brake	25
Pyrrosia eleagnifolia	Ngarara wehi, ota, leather-leaf fern, pyrrrosia	20
Solanum aviculare var. aviculare	Poroporo	20
Totals:		500 plants per year

To reflect proportions as they naturally occur and to reduce erosion risk, aim to set out plants prior to the majority of volunteer's site arrival. Use skilled people to randomly space plants to closely reflect their natural occurrence.

NOTE: this species list may change subject to time and the judicious input from others.

Site preparation required:
Weed control required prior to planting – cutting or removal of weeds from planting site, plus cut & stump treatment will be utilised only; no large-scale spraying to occur due to concerns over chemical residues.
Releasing of plantings to ensure survival within any existing or new weeds.

Monitoring of animal and plant pests to be undertaken by FoM volunteers with assistance by TM staff if required.

No fencing is required

Level of community involvement: Potential for large-scale community involvement throughout the life of this restoration plan – especially with the welcomed contributory input by FoM.

Monitoring plan: Success monitored by FoM and TM staff

Biosecurity Plan for ongoing weed and pest control:
Possum control part of the TM possum control operational plan
Weed control will be monitored by TM staff and funding for required control will be determined by AC Biosecurity staff and be provided from the TM operational budget.
Plant nurseries will be monitored and maintained in clean condition regarding rainbow skinks, other pests and environmental weed species.

Internal consultation checklist: VC Manager: Biodiversity : ✓ Cultural Heritage: Biosecurity weeds:: Regional Parks Policy Team:	External consultation checklist: Mana Whenua: FoM
Internal sign off: TM Manager:	Date:.....
Chair of Maunga Authority	<input type="checkbox"/>

¹ To be used only if the plants are sourced directly from other Auckland maunga.

