

| Topic/Work Stream                                 | General  | Iwi Engagement  | Description/ Outcomes Sought   | Progress Jan 2017-July 2017  | Progress July 2017 - January 2018   | Progress January 2018 - June 2018   |
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| <b>PLANNING &amp; COMMUNICATION CO-ORDINATION</b> |  |   |  |  |   | Planning and Communication  |
|   | Waitākere Valley trails  | A hui between Waitākere Valley Trail group and Te Kawerau Iwi Tribal Authority took place in December 2016, where the group and iwi agreed on future engagement for iwi input into the design and location of future trails.  | Implement actions in the Te Henga (Bethells Beach) Local Area Plan which relate to the development of trails for safe walking and cycling  | The Waitakere Valley Trails Group after some redesign of the Bethells section of the walkway, received Auckland Transport support for the eventual acceptance of the works in the road. Design and consenting for this underway by the Trails Group. | Developing scope of stage 1 walkway section,... Mosquito Lane to Waita Stream bridge , and working to engage professional support for the groups actions and project implementation | Scope of stage 1 walkway section Mosquito Lane to Waita Stream bridge resolved . Working to engage professional support for the detailed design, and funding for project implementation |
| <b>MONITORING</b>                                 |  |   |  |  |   |   |
|   | West Coast Plan Audit  | Te Kawerau a Maki represented on the West Coast Plan Liaison Group which is responsible for implementing and monitoring the West Coast Plan.  | Audit of implementation of the West Coast Plan, a non statutory plan covering most of the WRHA which was prepared in 2001.   | Indicative timeline :<br>- Topic Action Plans [Feb 2017]<br>- Data Collection [March/August 2017]  | Ongoing consideration will occur.   | Ongoing consideration will occur.   |
|   | Progress Reporting (Waitākere Ranges and Whau Local Boards, Parks, Sport and Recreation and Regional Strategy and Policy Committees) | Te Kawerau a Maki, Ngāti Whātua Nga Rima o Kaipara and Ngāti Whātua o Ōrākei not specifically consulted on report. Regular consultation and engagement takes place on a range of individual projects and activities and on matters of mutual interest in the Waitākere Ranges Regional Park.<br><br>Development of processes that support engagement with tangata whenua in decision-making in the WRHA is identified as a key work stream.<br><br>Progress on this is dependent upon decisions on co-governance/co-management arrangements across the Council, which are currently under discussion at regional level. | Six monthly reporting to Waitākere Ranges Local Board. The report and attachments are to be provided as an information memo to the Whau Local Boards and Parks, Sport and Recreation and Regional Strategy and Policy Committees on cross-Council activities being undertaken to achieve the objectives of the WRHA Act. | Report to the Local Board 24th August 2017   | Report to Local Board scheduled for March 2018  | Report to Local Board scheduled for August 2018   |
|   | Waitākere Ranges Heritage Area (WRHA) Programme Co-ordination Group (PCG)  | Te Waka Angamua attend the group to co-ordinate input from Mana Whenua.   | Cross-Council group established to promote the objectives of the Waitākere Ranges Heritage Area Act 2008 (the Act) and develop an integrated approach to its implementation.   | Meeting held 21 March 2017   | Meeting held 23 November 2017   | Meetings not held as staff focussed on completing the State of the Environment Report   |

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| Preparation of Five Year Monitoring Report | Te Kawerau a Maki and Ngāti Whātua were consulted in relation to the cultural heritage features of greatest cultural significance to them and provided comments on future aspirations for kaitiakitanga within the WRHA, which the Act promotes.<br><br>The recommendations within the report seek to promote and develop existing relationships between tangata whenua and Council in decision making and management of the WRHA. | First report completed in 2013. Next report expected in 2018. Report on State of Environment for the WRHA and progress towards achieving the objectives of the Act required under Section 34.  | The 5 yearly Waitākere Ranges Monitoring Report is due for completion in April 2018.<br><br>Indicative timeline :<br>- Topic Action Plans [Feb 2017]<br>- Data Collection [March/August 2017]<br>- Stakeholder Workshop [May 2017]<br>- Technical Reports [August 2017]<br>- Draft Monitoring Report [Feb 2018]<br>- Report sign-off by Local Board [April 2018]<br><br>Topic Themes are:<br><br>1. Landscape<br>2. Development and Consenting Activity<br>3. Recreation and Visitor Management<br>4. Ecosystems and Ecosystem services<br>5. Cultural and Built Heritage<br>6. People and Communities<br>7. Watercare | Drafting of report commenced, working with Council specialists and iwi.  | Report completed May 2018  |
| Thrive' newsletter                         |  | Thrive is a newsletter produced by the Waitākere Ranges Local Board to raise the profile of small businesses operating in the Waitākere Ranges Heritage Area. The newsletter reflects the local board's commitment to small scale business in the heritage area by providing local business news, information on accessing local and regional resources, profiles of sustainable practice, and a calendar of upcoming events and learning opportunities. | One edition of the Thrive newsletter was published June 2017   | The next edition of Thrive is planned for early 2018.  | A further edition of the Thrive newsletter was published in March 2018                         |
| Waitākere Ranges Conservation Network      | No information about whether the Conservation Network have consulted iwi.  | To support improved networking across community/Council groups working on habitat management in the WRHA, including use and development of Nature Space and forums/symposia to promote best practice.  | The Waitakere Ranges Conservation network website is now live and has resources and contacts available for those wishing to set up and organize a community group]   | The Waitakere Ranges Conservation Network continued to organise networking events and seminars, including an event to introduce Pest Free Auckland to the members. Members of that group have since established a new project, Pest Free Waitakere, to provide a vehicle for collective action on weed and pest control in the Waitakere Ranges. | The Waitakere Ranges Conservation Network continues to organize networking events and seminars |

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| EDUCATION                       | Learning Through Experience               | Te Kawarau A Maki were consulted prior to a Harekeke weaving workshop being delivered in 2013 as well as to confirm wording / references in a brochure re the Pou in late 2014.  | To promote awareness and understanding amongst school children of natural and cultural heritage features of the Waitākere Ranges.   | At Arataki, the Learning for Sustainability Programme for schools continues . In this second half of the year this was reduced from 5 to 3 days in the week . The total number of students has consequently decreased accordingly.  | July 2017-Dec 2017 update: A total of 2,416 students attended Arataki for education in this period. Delivery days were increased from three to four days a week in term four and will continue in term one 2018. A rāhui was placed over the park on 5 December which may impact on school attendance in 2018. | Arataki Experience Centre continued to deliver learning through experience programmes for four days a week. The rāhui resulted in many schools cancelling their bookings . However some additional new bookings resulted in total student numbers for the period reaching 2341 at Arataki. Following track closures on 1 May 2018, programmes have been adapted to continue on the limited open tracks around Arataki with a strong message around Kauri Dieback disease.   |
| LAND ACQUISITION                | Land Acquisition                          | Land acquisition subject to consultation with Mana Whenua, and undertaken in accordance with Council's Parks & Open Spaces acquisition policy and relevant statutory requirements, including Reserves Act 1977.<br>Te Kawarau A Maki, Ngāti Whātua o Ōrākei , Ngāti Whātua o Kaipara, Ngāti Tamaoho, Ngāti Te Ata Waiohua, Te Runanga o Ngāti Whātua & Te Akitai Waiohua were notified of the acquisition. | Additional land acquired or vested as regional parkland.  | The Council purchased the 78 ha Byers Property at Piha in 2014 and it is now named "Taitomo". The land is currently subject to a variation to add the area to the Regional Park Management Plan so it can be managed under this regime . Also a 1217m2 site at 82 Karekare Road Karekare has been added to the " Macreadies Campground" to enable this use and associated land to be reorganised. | The hearings on the variation to incorporate Taitomo (Te Ahu Ahu Road block) were held in November 2017. Taitomo will be managed as a Special Management Zone. The commissioners' recommendations will be reported to the Environment and Community Committee for approval of the variation in February 2018.  | Concept Plan has been approved and the incorporation of the land into the Regional Park has been completed . Projects are now being prioritised and will be reported in the next quarter. Fire water supply tanks have been installed.  |
| SUPPORT FOR HERITAGE PROTECTION | Development of heritage incentives policy | Two hui were held with Mana Whenua, one in the south in September 2014 and one in the CBD with the kaitiaki forum in early 2015. The final draft is being sent to Mana Whenua at the same time as Local Boards.  | Develop a framework for evaluating and implementing current and future heritage incentive schemes.  | Framework still on hold.  | Framework still on hold.   | Framework still on hold.  |
| <b>LANDSCAPE</b>                |   |  |   |   |  | Landscape   |
| <b>GUIDANCE</b>                 |   |  |   |   |  |   |
|                                 | Road Corridor Design and Management Guide | There will be emphasis on engagement around Volume 3 of Auckland Transport Code of Practice (ATCoP) review which refers to the spatial planning of the road environment .  | To provide clearer guidance on how the objectives and requirements of the WRHA Act are to be given effect in the design and management of road corridor. infrastructure and vegetation. | The Draft Waitakere Ranges Design and Management Guide requires mana whenua engagement before adoption.   | further consultation required  | Locally specific road corridor design guidelines were called for in the Waitakere Ranges Heritage Area. Auckland Transport has been preparing a new 'Design Manual' for the whole of the City. However it is providing a set of specific variations on these general controls for roads in the Waitakere Ranges Heritage Area. This document is currently titled "the Waitakere Ranges Design Guide". This document needs to be consulted on with mana whenua . Once this consultation has been concluded the document may require some rework to focus on the new style the Manual is now taking , followed by a further engagement with the Local Board and their mana whenua partners. |

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| COMMUNICATION                              | Website establishment   | Māori history documents to be reviewed and approved by Te Kawerau a Maki and Ngāti Whātua o Ōrākei .  | To re-establish and maintain a webpage or pages for the WRHA within the Auckland Council website. <a href="http://www.aucklandcouncil.govt.nz/en/newsevents/culture/heritage/pages/Waitakererangesheritagearea.aspx">http://www.aucklandcouncil.govt.nz/en/newsevents/culture/heritage/pages/Waitakererangesheritagearea.aspx</a> | Stakeholder Workshop [May 2017] worked through how the webpage would need to be amended due to the webpage upgrade by Auckland Council | Upgraded Webpage for the Waitakere Ranges has been established in line with the overall Auckland Council website upgrade  | The five yearly State of the Waitakere Ranges Heritage Area Monitoring Report adopted May 2018, has been added as a link to the upgraded webpage.  |
|  | Information and signage feature at Bethells Beach                         | information and signage feature at the entry to the beach   |   |  |   | Officers are working with the community on providing an information /signage feature for the main entrance to the beach at Bethells  |
| <b>MANAGEMENT</b>                          |   |   |   |  |   |  |
|  | Anawhata land management  | Management of Anawhata land subject to Regional Parks Management Plan - Tangata Whenua management policies for Waitākere Ranges Regional Park which includes consultation with Te Kawerau a Maki and Ngāti Whātua regarding management of Parkland. | Maintenance of the natural character of the coastal areas.  | No Change  | Land continues to be managed as a part of the Waitākere Ranges Regional Park in terms of the Regional Parks Management Plan 2010. Te Kawerau a Maki were consulted on the management policies and interpretation on the Taitomo Special Management Zone | No Change  |
| <b>DEVELOPMENT AND CONSENT ACTIVITY</b>    |   |   |   |  |   |  |
| <b>STATUTORY PLANNING (RMA)</b>            |   |   |   |  |   |  |
|  | Unitary Plan – protection of heritage features and environmental quality. | Mana Whenua consulted regarding identification and protection of Significant Ecological Areas and Outstanding Natural Features in Draft Unitary Plan. Mana Whenua have also lodged submissions on these provisions in the PAUP.                     | Identification and protection of Significant Ecological Areas and Outstanding Natural Features within Vegetation Management provisions.   | Biodiversity policies in the Auckland Unitary Plan are now operative but some sites still are subject to High Court appeal             | Parts of this appeal have been struck out by the High Court .Remaining mapping issues now before the High Court for determination.  | The High Court Appeal by Forest and Bird with regard to the Significant Ecological Area (SEA) overlay provisions is now settled in full with the relevant Independent Hearings Panel recommendations having been struck out as being errors in law.Submitters and affected persons have been notified and we now await to see if any party lodges an appeal to the Environment Court |
|  | Promotion of Foothills Design Guide                                       | Iwi were consulted as part of the development of the original Design Guide.   | Re-printing and re-launch of Foothills Design Guide and training/awareness raising for Council consents staff.  | completed  | Further update to reflect the Operative Auckland Unitary Plan underway  | Ongoing  |
| <b>ECOSYSTEMS &amp; ECOSYSTEM SERVICES</b> |   |   |   |  |   |  |
| <b>MONITORING</b>                          |   |   |   |  |   |  |
|  |   |   |   |  |   | Ecosystem and Ecosystem Services   |

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|                               | Terrestrial Biodiversity Monitoring Programme | As this is data capture from existing monitoring sites no consultation has occurred. | Part of the regional Terrestrial Biodiversity Monitoring Programme designed to quantify the state of indigenous terrestrial biodiversity and monitor changes in pattern and processes through time, linked to management decision making.   | Wetland surveys at three sites conducted as planned during Feb/March 2017. The full 5 year complement of forest and wetland sites in the heritage area have been now surveyed twice and the results are being analysed for inclusion in the 2018 monitoring report for the area .   | No other monitoring by the Terrestrial Biodiversity Monitoring Programme has occurred in the Heritage Area in the last six months (the next revisit monitoring is not due for a few more years, in time for the next Five Year Monitoring Report).  | Limited monitoring by the Terrestrial Biodiversity Monitoring Programme has occurred in the Heritage Area in the last six months (the next revisit monitoring is not due for a few more years, in time for the next Five Year Monitoring Report). Wetland surveys at three sites conducted as planned during Feb/March 2018. The full five year complement of forest and wetland sites in the heritage area have been now surveyed twice and the results have been analysed by the biodiversity team for inclusion in the five year State of the Waitakere Ranges Heritage Area report 2018. |
|                               | Freshwater Monitoring Programme               | As this is data capture from existing monitoring sites no consultation has occurred. | Part of regional Freshwater Monitoring Programme that underpins state of the environment reporting, and informs Council decision making.<br><br>Results from these programmes are reported in annual data reports, as well as direct data uploads to our website, and also via an annual Waitākere Report Card. | Monthly monitoring continues at the Cascades and Opanuku Streams. Water quality is generally very good at both of these sites.<br><br>Macroinvertebrate Community Composition:<br>The Cascades, Opanuku, Marawhara, Wekatahi Streams and Waitākere River remain key sites for the Stream Ecology programme and are monitored for Macroinvertebrate Community Composition. Results are provided in the biannual Waitākere Report Card (Results from the 2016 calendar year will be published in 2017). | Monthly monitoring continues at the Cascades and Opanuku Streams. Water quality is generally very good at both of these sites.<br>Lake Wainamu water quality and phytoplankton assessments continue to be done 8 times per year.<br>Macroinvertebrate Community Composition:<br>The Cascades, Opanuku, Marawhara, Wekatahi Streams and Waitākere River remain key sites for the Stream Ecology programme and are monitored for Macroinvertebrate Community Composition. Results are provided in the bi-annual Waitākere Report Card. A permanent rainfall site has been installed near Piha.<br>Additional water temperature monitoring is in progress at two sites (Cascades & Piha Stream). The data will be used to develop a temperature attribute in support of the National Policy Statement for Freshwater Management. This attribute will enable better management of freshwater systems and a draft will be completed by April 2018. | Monthly monitoring continues at the Cascades and Opanuku Streams. Water quality is generally very good at both of these sites.<br><br>Macroinvertebrate Community Composition:<br>The Cascades, Opanuku, Marawhara, Wekatahi Streams and Waitākere River remain key sites for the Stream Ecology programme and are monitored for Macroinvertebrate Community Composition. Results are provided in the biannual Waitākere Report Card (Results from the 2016 calendar year will be published in 2017).  |
| <b>ANIMAL PEST MANAGEMENT</b> |   |  |   |   |   |  |
|                               | Animal Pest Control                           | No formal iwi involvement in maintenance programme.                                  | Ongoing programmes targeting the control of rabbits, mustelids, rats, possums and pigs.   | New contractors have taken over from July 2017 .Have been rolling out rat stations and attending to rats , ferrets and stoats . Animal control work will continue over the 2017/18 year as per the new contract   | New contractors have taken over from July 2017 .Have been rolling out rat stations and attending to rats , ferrets and stoats . Animal control work will continue over the 2017/18 year as per the new contract   | Work on going by Contractors.  |

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|               | Possum Control (Regional Programme) | Pest Management in Waitākere Ranges Regional Park subject to relevant Regional Park Management Plan (RPMP) tangata whenua management policies which includes consultation with Te Kawerau a Maki and Ngāti Whātua regarding management of Parkland. Regional Pest Management Strategy (RPMS) also requires Council to consult with iwi regarding pest management issues. | Protection of native ecosystems and primary industries through control of possum numbers to within 2% residual trap catch (RDC). Programmes typically cover one third of the Regional Park each year, plus extensive buffer zones on adjoining land adjacent to programme area. | A contractor started the possum control in this block in May 2017. By the end of June they had completed 50% of the 5000ha area monitoring showed a residual RTC mean of 2.04%. The second area of 2500ha scheduled to start in July 17.           | A 5000 hectare block of the south-east Waitākere Ranges were controlled for possums ending October 2017, reaching below two per cent relative abundance. This area covered from the Ark in the Park southern boundary down to the southern extent of the Waitākere Ranges.<br><br>In January 2018, possum control commenced at a 4000 hectare block of the south-west Waitākere Ranges. This area backs onto the above control area, and goes out to Whatipu and up to Bethells. This work will be completed by May 2018.                          | In January 2018 possum control commenced within a 4000ha block in the south-east of the Waitakere Ranges. This area backs onto the 5000ha control area immediately to the south east that was reported on previously, and this new area of control goes out to Whatipu and up to Bethells. This work by contractors was completed in April 2018. The closure of the Waitakere Ranges has had an impact on volunteer pest control activities with the ARK in the Park and other groups asked to cease operations until effective Kauri Dieback mitigation measures are in place and approved  |
|               | Waitākere Feral Pig Control         | As per above.  | Protect ecological and amenity values.  | The Cascades, Opanuku, Marawhara, Wekatahi Streams and Waitākere River remain key sites for the Stream Ecology programme and are monitored for Macroinvertebrate Community Composition. Results are provided in the biannual Waitākere Report Card | The last period of hunting was completed in December 2017, with the next period of the operation planned to begin in March 2018. So far this year approximately 80 feral pigs have been controlled including 33 females, 31 males and 16 unidentified. There have been fewer reports of feral pig damage being sighted. There has been an increase in mature sows that have been controlled, which indicates that a high hunting pressure is being consistently placed on the population. This is also indicative that the programme is effective. | 124 feral pigs were controlled in the Waitākere Ranges this year. This included 40 sows and 60 boar as well as 24 unidentified juveniles. As a lot more mature pigs were controlled, this is indicative that we are making good progress in reducing feral pig densities. The team has done a great job with no accidents as well as maintaining full compliance with the current Kauri Dieback operating practice. The reduction in people in specific areas has meant pigs are more dispersed. The contractors are still hunting and will remain in place right through to December 2018 and is looking like a successful program. |
|               | Sulphur-crested cockatoo control    | As per above.  | Control of populations to protect ecological values (e.g. Cascades and private land).   | No progress since last update. The continuation of the project will be workshoped with the Board shortly   | No further work undertaken. Methodology requires further refinement. Likely to undertake some further trial work before end June 2018.   | No further work undertaken. Methodology requires further refinement. Further trial work will be undertaken when priority allows.   |
|               | Rabbit Control - Piha               | No iwi involvement in day to day maintenance programme   | Protect ecological and amenity values.  | Work continues. New contractors have been engaged for the 2017/18 year   | Work continues. New contractors have been engaged for the 2017/18 year   | Work on going by contractors.  |
| KAURI DIEBACK |                                     |  |   |  |  |  |

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| Kauri Dieback Management                          | Council works closely with Te Kawerau a Maki to manage kauri health in the Waitakere Ranges Heritage Area. Te Kawerau a Maki placed a rahui over the forested areas of the heritage area in December 2017. Since then council and Te Kawerau a Maki staff have worked together to agree on which tracks meet the standards to protect kauri and that can be open to the public, and are now exploring ways to work more closely in the future to ensure good outcomes. | Prevent spread of kauri dieback disease by implementing phytosanitary measures, outreach and compliance programmes, and research and monitoring programmes. All of the Regional Park is included, together with all private land in the WRHA containing kauri. | Over the half of 2017, the kauri dieback community co-ordinator engaged with the public and conveyed the 'keep kauri standing' message through school holiday programmes at Arataki Visitor Centre and Lopdell House, reaching more than 5000 children and their families. At Glen Eden Intermediate school, over two weeks, 1,100 students in 36 classes were taught key kauri and kauri dieback stewardship messages, supplemented by both science and art activities. A further 120 children were reached through talks at Gladstone Primary school. Further resources were provided to Woodlands Park Primary and Bruce McLaren Intermediate. Resources such as sterigene, brushes, information, and disease mitigation guidelines were provided to volunteers and the Waitakere Ranges Protection Society (WRPS), Forest and Bird, EcoMatters, Matuku Link and South Titirangi sustainable neighbourhoods projects. Meetings regarding kauri dieback disease were held with local volunteers, Forest and Bird, WRPS, tourist operators and researchers. The community co-ordinator also met with new staff at the Department of Conservation to arrange Conservation Week activities and to initiate opportunities for co-operation in deployment of summer track ambassadors. Support and advice has | ordinator continued engagement with schools, tourist concessionaires, conservationists and the wider community in the second half of 2017. The 'blanket banner' legacy project was finalised arising from the term three school programme with Glen Eden Intermediate, which was displayed at Arataki Visitor Centre. Contact was made with other local schools offering to visit and support an educational programme in the new year. The Coordinator spoke to several hundred children and their families through a kauri dieback stall at Arataki Children's Day. Initial conversations have been commenced with western libraries about supporting their school holiday programmes in 2018. Staff have continued the passive surveillance programme of responding to landowners with concerns around declining kauri. In the second half of 2017, 138 properties were inspected, and as of 30 January 2018, 12 further properties had been inspected. Staff have commenced a phosphite application process on Maungaroa Ridge. Work has continued in response to last year's report on kauri dieback distribution across the Waitakere Ranges Regional Park. This has resulted in track closures, track upgrades and phytosanitary station upgrades at a number of sites. Staff | Significant changes were made to how kauri dieback is managed in the Waitakere Ranges Heritage Area over this period. Te Kawerau a Maki placed a rahui over the forest in December 2017. Public consultation and a series of council Environment and Community Committee meetings early in the year resulted in the closure of the forested areas of the Waitakere Ranges Regional Park on 1 May 2018. Exceptions were made for a small number of tracks that were of a sufficient standard to pose little risk to kauri.<br><br>The Ministry for Primary Industries placed a Controlled Area Notice over the tracks that remained open and council engaged compliance officers to enforce the legal requirements of that notice. A small number of tracks have had minor upgrades since 1 May 2018 and have been reopened, while work continues on others. A longer term strategy for track reopening is being developed with Te Kawerau a Maki and is intended to be publicly consulted on in the latter half of 2018.<br><br>Alongside these changes, staff are working with concessionaires, conservation groups and permittees to ensure that their work can continue safely where appropriate. A wide publicity campaign funded by council and MPI complemented the media interest and has brought kauri dieback management issues to the fore of public consciousness. |
| Kauri Dieback Management                          | As per above.  | Assisting in prevent the spread of Kauri Die Back within/from Local & Sports Parks.  | Staff have continued the passive surveillance programme of responding to landowners with concerns around declining kauri. This involves inspecting the kauri, potentially sampling for dieback presence, and providing advice and phytosanitary equipment. In this half of 2017, 68 properties were inspected.   | Location of new tracks in local parks is being planned to avoid areas of kauri. Ecological assessments considering location of kauri have been undertaken for Concordia Reserve and Kay Rd.  | Refer to comments on the Waitakere Ranges closure above. Nature Trail is being looked at as part of the Aerial Walkway project refresh  |
| WEED MANAGEMENT                                   |  |  |  |  | Weed Management   |
| Weed Monitoring (outside fixed RIMU survey plots) | Pest Management in Waitakere Ranges Regional Park subject to relevant RPMP tangata whenua management polices which includes consultation with Te Kawerau a Maki and Ngāti Whātua regarding management of park land. Regional Pest Management Strategy also requires Council to consult with iwi regarding pest management issues.  | Weed monitoring/surveillance.  | Two surveys were completed at the end of the financial year. One was adjacent to private property at Little Huia to determine the spread of climbing asparagus infestation along the Manukau coastline. Mostly juvenile plants were found at semi frequent abundance, - this will trigger control in this area in the 2017-18 season. Another area was in a location called La Trobe Tawa Forest. No weed were found in the interior. There were low levels of weeds found on the road edge.   | It is unlikely that any surveys will be completed during this financial year, due to the budget commitments allocated towards control.   | No surveys were conducted this financial year.  |

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|  | Parks Ecoweeds                       | As per above.  | Management of regionally significant pest plants in the Regional Park.  | <p>Surveying &amp; monitoring:<br/>No surveying is planned for this financial year as the Regional Parks weed management budget is oversubscribed.</p> <p>Subject to budget becoming available at the end of the financial year - an area in Karekare has been prioritised for survey. This area is identified as a Priority Ecosystem (Auckland Council Biodiversity) and will assist the Climbing asparagus project with engagement in Karekare.</p> | <p>Weed control work has commenced in the following areas:<br/>Huia: Manchester Unity Block, Cornwallis fire site, Panto Track, Kakamatua, Huia Point, Mt Donald McLean, Little Huia, Waterfall Bay and Whatipu.<br/>Piha: Whites Beach, North Piha, Byers Block (excluding fire site area), Anawhata Farm moth plant, Aristeia on tracks, Karekare and Pararaha.<br/>Abseil work at Anawhata and Tasman View.<br/>Cascades: Lake Wainamu, Falls Rd, Waitakere River, Pai O Te Rangi.</p> <p>Standing dead pines near the Panto Track are causing health and safety issues in controlling climbing asparagus in the area. We will be seeking advice from an arborist on how to manage this.</p> | <p>Weed control has finished in the following areas: Huia-The Manchester Unity Block ,Cornwallis fire site, PantoTrack,Kakamatua, Huia Point, Mt Donald MacLean,Little Huia,Waterfall Bay and Whatipu. Piha- Whites Beach, North Piha,Byers Block(excluding fire site area ),Anawhata Farm (moth plant),Aristea on tracks , Karekare and Pararaha.Abseil work at Anawhata and Tasman View. Cascades.- Lake Wainamu, Falls Road, Waitakere River, Pai O Te Rangi.</p>   |
|  | Strategic Weeds Initiative           | As per above.  | This programme covers regionally significant pest plants on (private) land adjoining the Regional Park.   | <p>Weed control work has been completed in Cascades, Lake Wainamu, Anawhata, Whites Beach, Piha, Karekare, Pararaha, Whatipu, Huia, Cornwallis, and Manchester Unity Block. Abseiling work was completed on Lion Rock, Anawhata and Karekare.</p>  | <p>Karekare: 40% of target properties have given consent to control priority weeds on their property. The contractor is following up on past properties who haven't responded to letters. Control completed on almost all target properties.</p> <p>Piha: 56% have responded and allowed contractors onto properties to control priority weeds. Contractors have been advised to follow up on properties they have controlled on before in the past. Almost all target properties have had control applied.</p> <p>Huia: SWI (Strategic Weed Initiative) no longer applies to Huia. However, just one property is being controlled of for target weeds</p>                                      | <p>Karekare;50% of the properties had control work done,25% don't require pest plant controland the other 25% have not responded to letters sent. Of properties checked, some of the species controlled were:climbing asparagus, blue morning glory,agapantus.Still a few properties to engage and include in the programme. Contract ended in February 2018 and Council is currently engaging a contractor for the next round of control starting in September -November 2018.<br/>Piha:Allsites surveyed completed and contractors controlled climbing asparagus, wild ginger on properties that agreed.Progress is being made and more properties are receptive to the work.There are still some challenges getting everyone on board and with the use of glyphosate.</p> |
|  | Creation of Weed Free buffer zone    | Iwi were consulted during Local Area Plan preparation on over-arching issue of weed control. | Continuation/expansion of weed free buffer concept and habitat restoration in Local Area Plan areas on eastern edge of Regional Park. (including private land). | Allocated hours spent mostly on weed control of dense infestations of climbing asparagus in Piha. This is in conjunction with the Waitakere Ranges Local Board weed control project.   | Work continues in the buffer zone areas over this financial year .The Ecomatters Environment Trust continues to work in the identified hot spot areas .   | Work continues in the buffer zone areas over this financial year .The Ecomatters Environment Trust continues to work in the identified hot spot areas .  |
|  | Sustainable Neighbourhoods Programme | No iwi involvement in day to day maintenance programme.                                      | Support to Neighbourhoods wishing to take action for ecological restoration of their local landscape.   | Works completed and reported to the Waitakere Ranges Local Board meeting on 24th August 2017   | Completed   | Completed  |



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|                            | Community Weedbin Programme                                       | No iwi involvement in day to day maintenance programme.   | Delivery of this programme is managed by ESU, and facilitated by the community trust WeedFree (EcoMatters Environment Trust). Weed bins are deployed at any one time across seven sites: Western Rd, Laingholm/ Kauri loop Rd, Oratia / Kowhai Reserve, Titirangi / Victory Rd, Laingholm/ Piha Domain, Piha/ Mountain Rd, Henderson Valley/ Huia Domain, Huia | Completed   | The new weed bin contract is underway; this included signage explaining the change in service. Public communication was carried out through Auckland Council and EcoMatters websites, and social media as well as local newspaper before Christmas 2017. The first temporary bins were monitored by EcoMatters for the weekend of 13-14 January 2018 at Victory Road, Laingholm and Kauri Loop Road, Oratia. The contractor (EcoMatters) reported no issues and a good turnout at the weed bins with positive feedback received from the people that came. The dumped vegetation at Mountain Road in late 2017 has been cleared separately from this contract. The next temporary bins will be located at Kowhai Reserve, Titirangi and Mountain Road, Henderson Valley on 3-4 February 2018. | Eco matters reported that feedback from the public remains positive and they are grateful to have the bins. Public appreciate having the contractors talk to them with advice on weeds at their properties and help with loading the weeds into bins. It has been reported that the public saved up weeds for disposal at the temporary weed bins. Additional to this some public commented they had difficulties finding information on the location and date of bins. A trend throughout this period is that targeted weeds disposed of at the four temporary sites remain high with no contaminant (inorganic material). |
|                            | Pest plant control programme                                      | No iwi involvement in day to day maintenance programme.   | Control containment pest plant populations in approximately 400 parks and reserves and control all pest plants in a further 110 parks.   | To date 499 properties are now involved in this project with 145 of those new to the project in the 2016-17 financial year. Of the 127 property surveys completed this financial year 75 has climbing asparagus (60%). This project is being funded in the 2017-18 financial year | New contractors have taken over from July 17. Currently mobilising and rolling out new weed removal programmes in reserves and attending weed RFS. Weed pest control work to continue 2017/18 as per the new eco-contracts  | Work on going by contractors  |
|                            | Les Waygood Reserve Weed Control Plan                             | Consulted on Pest Plant Control in the Piha Reserves.   | Project to manage weed species growing in dune network of Les Waygood Park and North Piha Esplanade.   | Work on going. New Contractors have been engaged for the 2017/18 year   | Work on going. New contractors have been engaged for the 2017/18 year   | Work on going by contractors  |
|                            | Piha South Road Reserve Dune Management Plan (South of Lion Rock) | Consulted on Pest Plant Control in the Piha Reserves.   | Ecological restoration and recreation management.  | Works completed and reported to the Waitakere Ranges Local Board meeting on 24th August 2017  | Work on going. New Contractors have been engaged for the 2017/18 year   | Work on going by contractors  |
| <b>HABITAT RESTORATION</b> |   |   |  |   |   |   |
|                            | Revegetation (Regional Park)                                      | Revegetation projects upon Waitākere Ranges Regional Park subject to relevant RPMP tangata whenua management policies which includes consultation with Te Kawerau a Maki and Ngāti Whātua regarding management of Parkland. | Revegetation of modified/disturbed habitat the Waitākere Ranges Regional Park.   | New contractors have taken over from July 17. Currently mobilising and rolling out new weed removal programmes in reserves and attending weed RFS. Weed pest control work to continue 2017/18 as per the new eco-contracts  | Revegetation has continued in 2017 & 2018, primarily in the Pae o te Rangi area of the northern Waitākere Ranges and Whatipu as per the approved revegetation plans.  | Revegetation has continued in 2018. Two further planting days have occurred in Pae o te Rangi in the northern ranges with the timing of these days based on the maori calendar.   |
|                            | Community Revegetation Projects (Regional Park)                   | As per above.   | Biodiversity protection and restoration.   | Work on going. New Contractors have been engaged for the 2017/18 year   | Revegetation has continued in 2017 & 2018, primarily in the Pae o te Rangi area of the northern Waitākere Ranges and Whatipu as per the approved revegetation plans.  | Revegetation has continued in 2018. Two further planting days have occurred in Pae o te Rangi in the northern ranges with the timing of these days based on the maori calendar.   |

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|                            | Huia Domain Erosion management | Consulted early in the project for their views on a preferred approach. Te Kawerau a Maki has provided their views and been kept updated throughout the community consultation process. A cultural impact assessment is to be undertaken in regards to the latest option being investigated. | Provision of a long term solution to mitigate the erosion along the coastline of Huia Domain.       | Work on going. New Contractors have been engaged for the 2017/18 year  | Construction is underway. Expected completion early 2018.  | Completed  |
|                            | Native restoration programme   | No iwi involvement in day to day maintenance programme.  | Restoration of native ecosystems.   | Two volunteer planting events were undertaken through the winter at Piha Domain.<br><br>- Gill Esp Reserve, Laingholm - volunteer planting.<br>- Rimutaka Reserve, Woodlands Park – volunteer planting.<br><br>Perris Road, Swanson walkway – pest plant control and 120m of track building. | Volunteer assistance ceased in the of Perris Road project so this was not completed.   | Volunteer assistance ceased in the Perris Road project so ecological restoration was not been advanced. However with Local Board funding good control on priority weeds has been achieved in June 2018 this year |
|                            | Community plant nursery        | Iwi conversation still to be had   | Support community stewardship. Community-managed resources for the restoration of native ecosystems | No further communication has been had with Regional Parks regards establishing a community nursery   | This is now part of the South Tairāngi Neighbourhood Network initiative. The network has now created a small nursery on private church land. Project complete. | Completed  |
| FAUNA SPECIES CONSERVATION |                                |  |   |  |  |  |

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| Ark in the Park                 | <p>Ecological restoration project within Waitākere Ranges Regional Park subject to relevant RPMP tangata whenua management policies which includes consulting with Te Kawerau a Maki and Ngāti Whātua regarding management of Parkland.</p> <p>'Ark in the Park' Strategic Plan and supporting management committee keep Te Kawerau a Maki informed of the project's progression and actively encourage iwi involvement with the project.</p> | <p>Iconic partnership project (with Royal Forest &amp; Bird Protection Society and local communities) to deliver enhanced ecological protection and an open sanctuary for threatened species (including re-introduction of locally extinct species). Based in the Cascade/ Falls Road area.</p> | <p>Key points from January – August 2017</p> <ul style="list-style-type: none"> <li>- 7 kōkako chicks banded and fledged in the breeding season ending Feb 2017</li> <li>- 2 baiting rounds completed</li> <li>- 3 cycles of rat monitoring completed</li> <li>- Wasp control carried out over 565 hectares</li> <li>- Ark 15th birthday celebration held for volunteers, attended by around 115 people.</li> <li>- Ark selected as a project to receive 50 Goodnature traps via the Squawk Squad advocacy initiative</li> <li>- 2 overseas interns hosted</li> <li>- 6 events attended (EcoDay, Bethells Community Day, Festival etc)</li> <li>- 5 Schools visited.</li> </ul> | <p>ARK in the Park continues within the Regional Park supported by council through the Regional Parks, Biodiversity and Biosecurity Teams.</p> <ul style="list-style-type: none"> <li>- Kokako Specialist Group met, no new translocations proposed for the Ark until 2019.</li> <li>- Currently upgrading of existing cat traps to Steve Allen cat traps</li> <li>- Planning continues to change bait from second-generation anticoagulants to a less environmentally-persistent type</li> <li>- New 140 ha 100m x 100m bait station grid installed south of Ark by AC contractor</li> <li>- 60 A24 Goodnature traps installed west of the Ark as a trial</li> <li>- 2 full baiting rounds and rat monitoring completed</li> <li>- 3 summer students hosted</li> <li>- Kokako census unertaken: - 24 founders, 20 territorial pairs.</li> </ul> <p>Kokako seen outside Ark at Waitakere Dam and Fairy Falls.<br/>Yearly censuses continue.</p> <p>Waitakere rahui has meant that bat walks, guided tours and school groups have been cancelled</p> | <p>The closure of the Waitakere Ranges has had an impact on volunteer pest control activities within the Ark in the Park and other groups, with them needing to be asked to cease operations until effective kauri dieback mitigation measures are approved and in place</p> |
| Community biodiversity projects | <p>Ecological protection and restoration projects within Waitākere Ranges Regional Park subject to relevant RPMP tangata whenua management policies which includes consulting with Te Kawerau a Maki and Ngāti Whātua regarding management of Parkland.</p>   | <p>Biodiversity protection and restoration.</p>   | <p>Existing programmes continued.</p>   | <p>Existing programmes continued.</p>   | <p>Due to the rahui in December 2017 and the subsequent track closures through the forested parts of the Heritage Area, ecological protection and restoration projects have been suspended.</p>  |

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|                    | Long tailed bat conservation work. | No iwi involvement.   | To improve knowledge and understanding of long tailed bat distribution and behaviour. | The study objective has been to identify preferred long-tailed bat roosting habitat in the Waitakere Ranges with two sites studied between February and March 2017 at Cascade Kauri Park and Lower Huia Reservoir. Cascade Kauri Park had the highest bat activity with up to 1800 bat passes recorded over 13 nights. At Lower Huia lower bat activity was recorded at 330 bat passes over 14 nights. Kauri dieback was an important reason in choosing monitoring sites so as to reduce the risk of disease spread. 2017 monitoring methods included ;1)the use of bat detectors recording both bat calls and activity and 2)the use of infra red cameras resulting in the recording of some images and video. In the future radio tracking and thermal imaging may prove more useful in finding bat roosts but these come with extra cost. | Funding agreement with Community Waitakere for two open events and two specific community group events e.g scouts. Community Waitakere will also be developing an educational resource for local schools utilising the last five years of bat research and advocacy. Community Waitakere have also partnered with AECOM and secured regional grants funding of \$53,000 over two years for bat tracking to locate roosts, study habitats and investigate the bat population characteristics like age and sex ratio. This partnership is applying for a warrant for forest access following the rahui. | Community Waitakere worked in collaboration with Ecomatters to deliver four educational bat walks within the Waitakere Ranges Local Board area. The four events consisted of an interactive education session, followed by a dusk walk using bat detectors to pick up bat activity. A total of seventy-one participants attended across the four events. These included Friends of Waikumete, Bahai Faith Center, and the general public. Bats were heard at two sites; Automated Bat Monitors were then installed to confirm the readings. Community Waitakere and AECOM partnership research on long-tailed bats population in the Waitakere Ranges completed its first of three bat catching sessions. Three bats were caught, and two were tracked over several nights. The research attracted media attention with NZ Herald, Stuff, TVNZ and Radio NZ. A short video was presented to the local board in April 2018. |
| AQUATIC ECOSYSTEMS |                                    |   |   |   |   |  |
|                    | Lake Wainamu restoration           | Ecological restoration of Lake Wainamu subject to relevant RPMP tangata whenua management policies which includes consulting with Te Kawerau a Maki as Mana Whenua for area. RPMS also requires Council to consult with iwi regarding pest management issues. | Restoration of Lake Wainamu through management of pest plants and fish.               | This programme continues to be on hold.   | No further work undertaken. Note that Lake Wainamu is reported upon in the Nov 2017 update report entitled Lake SPI assessment of 33 Auckland lakes.  | No further work undertaken.  |

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|                                    | West Coast Lagoons-water quality improvement project | Te Kawerau a Maki have joined the steering group for this project. | Reduction of contamination levels in lagoons at Karekare, Piha, North Piha and Bethells to a level that allows safe swimming through summer. | No change ,existing programmes continuing. | <p>Ten Waitākere Ranges Local Board grants were signed off during the 2017/2018 financial year. Four out of the six approved grants from the 2016/2017 financial year were uplifted by the applicants.</p> <p>The voluntary targeted rate scheme was launched in February 2017.</p> <p>Water quality testing continued over the summer bathing period to establish if any of the incentive programmes to reduce contamination levels were effective. Results have shown little effect to date. It is expected that the improving quality would be a long-term goal for this initiative.</p> <p>A community led initiative by Swimmable Te Henga group was approved for funding from the Waitākere Ranges Local Board Environmental grants to undertake E.Coli testing in the Waikākere River and Bethell's Lagoon.</p> | Two applications to the voluntary targeted rate scheme were received from within the West Coast Lagoons catchment; one from Piha and one from Bethalls. The pilot period for the voluntary targeted rate scheme is currently under review. |
| <b>CULTURAL AND BUILT HERITAGE</b> |  |  |  |  |  |  |
| <b>Historic Architecture</b>       |  |  |  |  |  |  |
|                                    | Waitakere Ranges                                     |  | To undertake a study of the mid -late 20th century architectural movement that took place in the Waitakere Ranges                            |  | Project in early stages.Heritage consultant to be engaged.Ongoing  | The study of the mid-late 20th century modernist architectural movement has been initiated. A consultant has been engaged (Barnes and Associates)and the research component has been completed.A final report is due in August 2018.       |
| <b>MONITORING</b>                  |  |  |  |  |  |  |

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| Monitoring Programme  | Te Kawerau a Maki have been contacted and will be provided the results of the Stage 1A draft desktop report and will be updated on the planned survey upgrade work in 2015-2016.  | To develop an inventory of historic sites in the WRHA, their condition and management requirements.   | * The Built Heritage Survey and Assessment of 90 priority built sites has been completed (41 are scheduled, 3 are to be assessed for scheduling and 44 sites need to be updated in the CHI database). The state and condition assessment and monitoring upgrade forms have been provided and the CHI team are currently inputting the data into the overall survey condition and monitoring spreadsheets.<br>* Survey of the Southern Coast has been put on hold until 2017/2018. Research into the Huia Timber Milling Industry associated with the Gibbons family in particular has been contracted to a subconsultant and research is underway. **The reports on the Piha tramline and the Bethells historic settlements are still in draft - but the final reports are being worked through by the CHI team ( Mica). | Waitakere Ranges Survey- ongoing . Survey of the southern coast of the Waitakere Ranges(Green Bay - Whatipu) is ongoing . Timber Milling Industry research into the extensive milling sites and infrastructure that operated 1850-1910 in the Huia Area is expected to be completed in June 2018. Archeological research on the Piha Tramline and the Maori settlements of Waiti Village and Parawai Pa at Bethells are expected to be completed in June 2018. | Waitākere Ranges Survey 2016 :- ongoing.<br><br>Research into the timber milling industry: Ongoing  |
| <b>CULTURAL AND BUILT HERITAGE</b>  |   |   |  |  |   |
| TANGATA WHENUA  |   |   |  |  |   |
| Documentation of Oratia's heritage and enhancement of Oratia Village's public open spaces | Te Kawerau Iwi Tribal Authority was engaged during the preparation of Oratia Masterplan and declared interest in being involved in the design of gateway to the WRHA along the road corridor.                             | Implementation of Oratia Local Area Plan actions.   | Shared pathway construction completed.   | Completed  | Completed   |
| Te Henga Marae  | Continuing to meet with Te Kawerau Tribal Authority in terms of finalising lease over council reserve land at 240 Bethells Rd, Te Henga, for the purposes of construction of a marae and papakainga by Te Kawerau a Maki. | Agree the conditions of a lease to Te Kawerau Tribal Authority over Council reserve land at 240 Bethells Rd, Te Henga, for the purposes of construction of a marae and papakainga by Te Kawerau a Maki. | On hold.   | On hold.   | 10 May 2018: letter sent by Councillors Hulse and Clow seeking confirmation from iwi on the proposed approach to transfer land at 240A Bethells Road, Te Henga to them.<br>24 May 2018: Waitakere Ranges Local Board at its meeting supported revocation and transfer of the land to iwi. 12 & 19 June 2018: at Environment and Community and Finance & Property Committee meetings, agreement achieved to revoke reserve status of land through the Minister of Conservation followed by a land transfer in Fee Simple to iwi to be used in the development of a marae and papakainga. |

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|  | Pou installation and maintenance                             | Te Kawerau A Maki consulted and provided advice and recommended contractor to undertake work. Contractor engaged by Council. | To strengthen and re-establish connections between Tangata Whenua and the WRHA and surrounding landscape. The project was instigated many years ago by 'Friends of Arataki' who have provided the funding for the project.  | Pou in the Waitākere Ranges will continue to be maintained as agreed with Te Kawerau A Maki.   | Land continues to be managed as a part of the Waitākere Ranges Regional Park in terms of the Regional Parks Management Plan 2010. Te Kawerau a Maki were consulted on the management policies and interpretation on the Taitomo Special Management Zone | Pou in the Waitākere Ranges will continue to be maintained as agreed with Te Kawerau a Maki.   |
| INTERPRETATION   |  |  |   |  |   |  |
|  | Engagement with Tangata Whenua                               | Initial discussions with Te Waka Angamua to establish possible process.  | To develop Deeds of Acknowledgement and identify and implement opportunities for promoting kaitiakitanga and other means by which Council can better meet its obligations under the Act .   | On hold.   | Council officers to work with Te Kawerau a Maki over the next period to explore opportunities for naming local parks.   | Council officers to work with Te Kawerau a Maki over the next period to explore opportunities for naming local parks.  |
| <b>RECREATION OPPORTUNITIES AND VISITOR MANAGEMENT</b> |  |  |   |  |   |  |
| <b>Regulation</b>                                      |  |  |   |  |   | Recreational Opportunities and Visitor Management  |
|  | <b>Waitakere Ranges Greenway Plan</b>                        | Te Kawerau a Maki provided feedback on the draft plan  | To develop and improve the walking and cycling network in the urban and near urban parts of the Waitakere Ranges local Board area , including parts of the Heritage Area. The draft plan identifies gaps and opportunities at a network level to guide future investment. |  | A plan was developed and endorsed for consultation in December 2017   | Public consultation was held in April/ May 2018 and submissions are currently being analysed   |
|  | Waitākere Ranges Heritage Area Local Parks Design Guidelines | Mana Whenua are providing input on this project.<br><br>A hui was held with Te Kawerau a Maki on 12/07/16                    | Development of local parks design guidelines for the WRHA   | Draft guidelines have been presented to the local board and public consultation is scheduled for spring 2017 through a series of open days | Workshops held with Local Board in 2017. Consultation deferred to summer 2018 at the request of the Local Board.  | Consultation proceeded over February-April 2018. Using the feedback from the public, manawhenua , the Local Board a final draft has been prepared for a September 2018 approval by the Auckland Transport Board. |
| VISITOR MANAGEMENT                                     |  |  |   |  |   |  |

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|   | Vehicle counts | Management of visitors to Waitākere Ranges Regional Park subject to relevant Regional Park Management Plan tangata whenua management polices which includes consulting with Te Kawerau a Maki and Ngāti Whātua regarding management of Parkland. | To assist informed decision making. | Statistics on this matter are currently being collated for inclusion in the 2018 five yearly monitoring report | Vehicle numbers continue to be counted at selected entry points into the Waitākere Ranges Regional Park for the 2016/17 Financial Year and indicate that the number of visits to the Waitākere Ranges regional parks continues to grow. The Waitakere Ranges has shown an increase of 0.8% to 617,328 ( at monitored sites) and the ten year trend is steadily increasing at approximately twice the population growth rate . | Vehicle numbers continue to be counted at selected entry points into the Waitakere Ranges Regional Park for the 2017/2018 year .The decision to close the majority of tracks in the Waitakere Ranges will have a significant impact on visitor numbers. Displacement of visitors is likely to put significant pressure on tracks that remain open and other regional parks , local parks and the Department of Conservation estate.  |
|   | Track counts   | As per above.  | To assist informed decision making. | Track counters within the Kauri Protection areas continue to show varying levels of useage                     | Vehicle numbers continue to be counted at selected entry points into the Waitākere Ranges Regional Park for the 2016/17 FY and indicate that the number of visits to the Waitākere Ranges regional parks continues to grow.<br><br>The Waitakere Ranges has shown an increase of 0.8% to 617,328 (at monitored sites) and the ten year trend is steadily increasing at approximately twice the population growth rate.        | The number of people using identified tracks in the Waitakere Ranges continue to be counted. The decision to close the majority of tracks in the Waitakere Ranges will have a significant impact on visitation numbers. The displacement of visitors are likely to put significant pressure on tracks that remain open and other regional parks ,local parks and Department of Conservation estates. Counters remain on permanently closed tracks to monitor the effectiveness of closures. Video monitoring has also been commenced on some open tracks within the controlled area of the park as well the provision of hygiene stations. |
| DEVELOPMENT OF FACILITIES AND OPPORTUNITIES |                |  |                                     |  |   |  |



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| Track maintenance and upgrades (Regional Park) | As per above.  | To provide a range of appropriate recreational opportunities. | Progress in the first 6 months of 2017 is as follows: 1.Muir Track work completed.2.Ongoing discussions on the alignment and methodology to undertake improvements to the Kauri Grove Track have delayed starting the work. 3.A new safe walking section (off road) off Whites Track at Anawhata has received consent and development work has started. 4.Resource consent has been obtained for the Zion Hill track renewal works . 5.Approval to undertake the replacement of the lower section of stairs on Lion Rock at Piha has been obtained . 6.Design work for the replacement of a boardwalk in the Pararaha Valley and installation of a bridge across the Pararaha Stream in the Whatipu area continues to ensure the solution fits the environment and functional requirements . 6.The clearance of vegetation intruding upon the tracks has been undertaken throughout the Waitakere Ranges | Progress in the last 6 months of 2017 is as follows:<br>- The clearance of vegetation intruding upon the tracks has been undertaken throughout the Waitakere Ranges<br>- Maintenance works have been completed on the following tracks: -<br>Omanawanui Track<br>Puriri Ridge Track<br>Kuataika Track<br>Houghtons Track<br>Gibbons Track<br>Auckland City Walk<br>Connect with Winstone Tracks<br><br>- Despite years of planning the Kauri Grove Track work has been reprioritised with funds moved to deal with more pressing track issues at Back Taylor Track.<br>- Zion Hill track renewal works have been completed.<br>- Tracks running through Kauri Protection areas have been permanently closed with track entrances deconstructed to disguise the previous tracks. Signage associated with each track has been removed & maps modified. | The Council decision to close the majority of tracks within the forested area of the Waitakere Ranges has significantly altered the Track maintenance programme.Priority has been given to the Aritaki Nature Trail (Upper Loop)Parker Road Track, Beveridge Track, Large Kauri Walk and Aritaki Lookout Track. Work is also being undertaken on Kitekite Track, Byers, Knutwen and Connect Tracks as well as Slip Track and McElwainsTrack.Work has been prioritised to install Hygiene Stations on open tracks and physically close all other tracks with barriers, installing of signage to advise of the closure as well as closing accessways and carparks. |
| Hillary Trail                                  | As per above.  | To provide a range of appropriate recreational opportunities. | Tracks maintained as part of the Regional Park Track Maintenance programme.  | al   | The Hillary Trail has effectively been closed as a result of the Council decision to close the majority of tracks with the forested area of the Waitakere Ranges Regional Park. Priority is being given to reopening a multiday coastal walk although the Hillary Trail is likely to be closed for several years.  |
| Arataki Aerial Walkway                         | Management of Arataki Visitor Centre subject to relevant RPMP tangata whenua management polices which include consulting with Te Kawerau a Maki regarding development proposals which affect the Visitor Centre. | To provide a range of appropriate recreational opportunities. | Project remains on hold  | Project remains on hold  | Project is being revisited with additional options being explored  |

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|  | Waitākere Ranges Foothills Walkway                  | Consulted in 2010 as part of the legacy project. Now consulted as the different walkway sections are undertaken.   | A walkway across the rural eastern foothills of the Waitākere Ranges from the Swanson Railway Station in the north to the Arataki Visitor Centre and Titirangi in the south.              | Maisa Aldeen Siebel Reserve complete but some remediation work required on boggy sections. Rimutaka Place is completed with just planting to be finished . Henderson Valley underway.   | Maisa Aldeen Siebel reserve is complete as is Rimutaka Place. The Henderson Valley walkway is nearly complete .   | Completed  |
|  | Swanson Walkway                                     | Te Kawerau a Maki - Email updates /correspondence 9/8/13, 14/8/13, 17/9/13,15/5/14, 20/5/14. Meeting 17/10/13. Ngāti Whātua - meeting 25/11/13   | Construction of a section of the Foothills Walkway from Candia Road, south through Coulter Rd, Perris Road (unformed) Seibel Reserve, Seibel Road and Vineyard Road.                      | Boundary fencing was completed but volunteers have pulled out of track construction. No budget is currently available to undertake this work. Options being investigated as to how best to take this project forward.   | The Seibel Reserve section is complete along with the Rimutaka Place section. An opening day was held for the Rimutaka section in November 2017, with a good turn out of local people. Parks and Places Specialists are having conversations with Te Kawerau a Maki about naming of this section. The Henderson Valley walkway is almost completed. If funding allows we will be investigating the possibility of completing the Perris Road section. | Not progressed   |
|  | Mountain Road Walkway                               | Correspondence advising of project sent 25/08/15 to Te Ara Rangutu o Te iwi o Ngāti Te Ata Wauihua; Te Kawerau o Maki ; Ngāti Whātua o Ōrākei  | Construction of a section of the Foothills Walkway to provide a safe path for local residents and visitors to the area.   | completed   | completed   | completed  |
|  | Little Muddy Creek Walkway                          |  | To create a walkway from Minnehaha Ave, Woodlands Park to Grendon Road , Titirangi to promote active transport and help connect people and places. The walkway is a mix of offand on road | Rimutaka Place walkway is completed with just planting to be finished   | Rimutaka Place section is complete. An opening day was held in Nov 2017.Parks and places Specialists are having conversations with Te Kawerau a Maki about naming this section .  | There is currently no funding available to develop further sections of the walkway.However it is identified as a priority route in the draft Greenways Plan. |
|  | Other unitary plan topics including WRHA provisions | Mana Whenua consulted regarding issues of significance to be included in the PAUP's RPS, along with supporting policy and rule provisions. Mana Whenua have also lodged submissions on provisions which they consider to be of significance in the PAUP. | Ensuring that the Unitary Plan gives effect to the Waitākere Ranges Heritage Area Act, 2008 (as required under the Act).  | One appeal remains and others have been withdrawn by the appellants The one remaining appeal is from the Waitākere Ranges Protection Society (WRPS) who are challenging the subdivision provisions. In particular, WRPS is challenging the application of Non-complying activity status that has been applied to some categories of subdivision. WRPS seek reinstatement of Prohibited status which is the status applied in the operative plan. Consent order documents have been placed before the Court. | One appeal relating to the activity status of subdivision remains unresolved.   | One appeal relating to the activity status of subdivision remains unresolved.  |

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|  | Little Huia Concept Plan - boat ramp/ car parking   | No specific consultation in relation to this project due to it being 'on hold'. Letter advising of the Huia Concept Plan sent to Te Kawerau A Maki, Ngāti Whātua o Ōrākei , Ngāti Whātua o Kaipara, Ngāti Tamaoho, Ngāti Te Ata Waiohua, Te Runanga o Ngāti Whātua & Te Akitai Waiohua.   | Progressively implement the projects identified in the Little Huia Concept Plan, approved by council in 2010.  | onhold   | Not Progressed  | Not Progressed  |
|  | Karamatura Seawall  | No iwi involvement as maintenance project.  | A small wooden seawall has been undermined and is gradually being damaged by the sea.  | A letter outlining the planned works and resulting outcomes has been sent to local residents . Further community conversation is being undertaken prior to work commencing   | Feedback from Huia Residents &Ratepayers that members wanted the sea wall retained although would be pleased to see the beach restored to a more natural state. This is not consistent with advice Regional Parks have received which recommends the removal of the sea wall (much of which is unconsented and in significant disrepair or already failed) and the return of the foreshore to a more natural form.  | Not Progressed  |
|  | Karekare beach and Surf Club access   | Te Kawerau a Maki consulted regarding proposal, and indicated support subject to various requirements being met which Council has addressed in the resource consent applications (Ref: LUC 2014-1863 & 2014-1864) currently being processed. Ngāti Whātua o Ōrākei , Ngāti Whātua o Kaipara, Ngāti Tamaoho, Ngāti Te Ata Waiohua, Te Runanga o Ngāti Whātua & Te Akitai Waiohua also advised per mail letter. | Access to Karekare Beach and the Surf Club have become significantly restricted due to high stream water levels. This is an ongoing issue. And is preventing people getting to the beach / club. | Several submissions were received . Still awaiting consent approval . Forecast cost increases have resulted in the need to review the budget.  | Consented but design exceeded budget. Project has been reviewed through council's internal Investiagtion and Design Team. As at march 2018 awaiting outcome of that review.   | Consented but design exceeded the budget. Project is being reviewed through Councils Internal Investigation and Design Team. As at June 2018 awaiting outcome of that review.   |
|  | Piha community wetland project  | Initial briefing conversation with iwi (September 2016).  | Public ownership and community stewardship of a regenerating wetland in Piha for environmental, recreational and community outcomes  | Acquisition process is underway  | The site was acquired by Council in late 2017 and currently sits in the local parks portfolio. Several stakeholder meetings including with iwi have been held about the future of the site and old school house. Discussions are underway about the possible lease of the building and a ecological update report is being prepared as to what might be required to restore the wetland. Other considerations are walking trails, possibility of low scale cycling, sculpture, interpretation and picknicking. Resolution of this planning phase is envisaged over the next six months. | The land was acquired in 2017 and is adjacent to both regional and local park land near the Piha Stream. It has a wetland and a small historic school house on it. Work is underway with the community on establishing a lease for the building and a plan is being prepared for ecological restoration of the wetland area. Consideration of a pump track in this location is also being investigated. Work is also progressing on establishing a framework for collaboration between local community group, the Council and Iwi for the management and development of the land. A hydrological and environmental assessment of the wetland is underway to inform how the site may be developed and managed in the future. |
|  | Design work will be undertaken to enable the Mahoe Rd Track to Zig Zag Track to be re-opened. |   | Reopen Mahoe Rd Track to enable its reconnection to the Zig Zag Track  | Progress: Requires design work to be undertaken with view to lodging a building consent application in early 2017. Engineer currently checking for any additional consenting requirements which may be required for the renewal. | As part of the Regional Park this project is likely to be put on hold given the kauri die back situation and pending further Waitakere Ranges planning.   | Not Progressed  |

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|  | Zig Zag Tk connecting Titirangi Beach Road to Titirangi Beach.                                    |  | Reestablishment of the closed section of Zig Zag Tk connecting Titirangi Beach Road to Titirangi Beach.       | Requires design work to be undertaken with view to lodging a building consent application in early 2017. Engineer currently checking for any additional consenting requirements which may be required for the renewal. | As part of the Regional Park this project is likely to be put on hold given the current situation regarding the kauri die back situation and pending further Waitakere Ranges planning. | Not Progressed  |
|  | Zion Hill Track in Karekare   |  | The renewal of the Zion Hill Track in Karekare  | Work schedule currently being prepared. Requires design work and may require a resource consent  | Completed   | Complete  |
|  | Karamatura Valley Toilet  |  | Renew the Karamatura Valley Toilet  | to be completed in August 2017   | The Heritage Team has approved the proposed location and implementation planning has begun with work to start late in 2018  | Location of the proposed toilet facility has been established. Resource consent is being prepared.  |
|  | Cascades Kauri toilet block at Falls Road   |  | Renew the Cascades Kauri toilet block at Falls Road.  | Design work underway , implementation will require resource consent.Aiming for construction in October/November 2017   | Building consent has been lodged and implementation steps will take place in early 2018   | Awaiting consent approval and project delivery.   |
|  | Fencing repairs and maintenance   |  | ongoing maintenance and repair of fencing at Pae o te Rangi   | ongoing.   | ongoing.  | Ongoing   |
|  | Arataki Nature Trail-renew trail  |  | renew sections of the Arataki Trail   | ongoing.   | Planning undertaken. Further design work underway.  | Refer to comments on the Waitakere Ranges closure above. Nature Trail is being looked at as part of the Aerial Walkway project refresh  |
|  | Arataki Visitors Centre - paint/stain exterior and interior including roof                        |  | undertake exterior and interior restain/repaint including roof  | Planned project for 2017-2018  | Exterior of the building has been prepared for painting. Currently awaiting confirmation of date for exterior painting.   | Completed   |
|  | Bethells Beach , Lake Wainamu -Renew jetty  |  | Bethells Beach , Lake Wainamu-renew jetty   | Planned project for 2017-2018  | Planning underway. Project currently sitting with Community Facilities Project team.  | Planning underway. Project currently sitting with Community Facilities Project team.  |
|  | Cascade Falls - renew carpark   |  | Cascade Falls - renew carpark to help manage visitor demand-renew CCTV to improve visitor safety and security | Planned project for 2017-2018  | Planning underway. Project currently sitting with Community Facilities Project team.  | Planning underway. Project currently sitting with Community Facilities Project team.  |
|  | Piha Domain   |  | Mt Puke and Falls Road . Piha Domain-Renew workshop and office and information Board                          | Planned project for 2017-2018  | Planning underway. Project currently sitting with Community Facilities Project team. Draft design work completed and under review.  | Initial planning completed and draft concept proposed. Significant repeated flooding of the area has led to a re-think and the probability that the depot will be located elsewhere |
|  | Piha Mill Camp  |  | Piha Mill Camp, Glenesk Road , Piha . Redecorate interior of toilet block                                     | Planned project for 2017-2018  | Planning underway. Project currently sitting with Community Facilities Project team.  | Complete  |
|  | Piha Regional Park - The Gap/Byers Block - signage  |  | Piha Regional Park -The Gap/Byers Block -signage  | Planned project for 2017-2018  | Planning underway   | Not Progressed  |
|  | Piha Regional Park - The Gap/Byers Block -Western sector -track. subject to concept plan approval |  | Piha Regional Park -The Gap/Byers Block -Western sector -track. subject to concept plan approval              | Planned project for 2017-2018  | Concept Plan approved. Investigation and Design work being undertaken. Track development work will be dependant on funding.   | Not progressed,ongoing  |
|  | Project K -Renewal of a retaining wall behind garage at Little Huia                               |  | Project K -Renewal of a retaining wall behind garage at Little Huia   | Planned project for 2017-2018  | Building consent has been issued. Awaiting contractor to complete works.  | Complete  |

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|  | Western sector - renewal of sections of cornwallis wharf and high risk structures | Land acquisition subject to consultation with Mana Whenua, and undertaken in accordance with Council's Parks & Open Spaces acquisition policy and relevant statutory requirements, including Reserves Act 1977. Te Kawarau A Maki, Ngāti Whātua o Ōrākei , | Western sector - renewal of sections of Cornwallis wharf and other high risk structures               | Planned project for 2017-2018 | Assessment undertaken by coastal structural specialist. Awaiting result to enable works to be tendered and completed. Some damaged areas in the 26/03/2017 event,(landings of the Cornwallis Wharf) have been closed and access blocked. Arataki access boardwalk to viewing platform has been secured with long term repair designed and awaiting tender. | At design phase for repair works   |
|  | Perris RoadTrack construction   |  |   |                               |  | Funding has been allocated. Once consent issues have been resolved it is intended to complete the works in 2019  |
|  | Piha skate park/pump track  |  | Les Waygood Park has been identified as a potential location for a skate park/pump track              |                               |  | Council departments are currently working with community groups and the Local Board on feasibility and options   |
|  | Piha Stream .   |  | A project to address erosion issues of the Piha Stream bed between Glen Esk Road and the Art Gallery. |                               |  | A report for the Parks Sports and Recreation team has been completed looking at a two km section of the Piha Stream from Glen Esk Road down to the Art Gallery.It recommends several options for erosion prevention along this section and will be presented to the Local Board for consideration in the next quarter. |