

Topic/Work Stream	General	Lead Council Units	Iwi Engagement	Description/ Outcomes Sought	Progress July 2015-June 2016	Progress July 2016-Dec 2016	Progress Jan 2017-July 2017
<b>PLANNING &amp; COMMUNICATION</b>							
CO-ORDINATION	Waitākere Ranges Heritage Area (WRHA) Programme Co-ordination Group (PCG)	North West Planning	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.	Three PCG meetings held. Feedback received from participants of the meeting that this is a good example of cross-council collaboration.	Meeting held 28 October 2016	Meeting held 21 March 2017
MONITORING	Preparation of Five Year Monitoring Report	North West Planning	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.  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.	To be commenced in 2016/17	The 5 yearly Waitākere Ranges Monitoring Report is due for completion in April 2018.  Indicative timeline : - Topic Action Plans [Feb 2017] - Data Collection [March/August 2017] - Stakeholder Workshop [May 2017] - Technical Reports [August 2017] - Draft Monitoring Report [Feb 2018] - Report sign-off by Local Board [April 2018]  Topic Themes are:  1. Landscape 2. Development and Consenting Activity 3. Recreation and Visitor Management 4. Ecosystems and Ecosystem services 5. Cultural and Built Heritage 6. People and Communities 7. Watercare	Currently gathering data and arranging the logistics of mapping, text, diagrams and design of the document
	Establishment of Monitoring Programme for 2013-2018	North West Planning & Monitoring Workgroup	As with the 2008-2013 monitoring report, input will be sought from Te Kawerau a Maki and Ngāti Whātua in relation to the heritage features of greatest significance to them and their comments on and future aspirations for kaitiakitanga within the WRHA, which the Act promotes.	To set up and implement a monitoring framework and programme for the next five year Monitoring Report, including data capture, storage and analysis requirements.	To be commenced in 2016/17	Development of framework and program for preparation of the 5 yr monitoring report is underway.	Underway
	Progress Reporting (Waitākere Ranges and Whau Local Boards, Parks, Sport and Recreation and Regional Strategy and Policy Committees)	Co-ordinated by North West Planning	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.  Development of processes that support engagement with tangata whenua in decision-making in the WRHA is identified as a key work stream.  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.	- August 2015 report (6 month report)  - 11 August 2016 (12 month report) Progress reporting for the time period of July 2016 - June 2016 was detailed in a 12 month progress report due to diversion of planning resources to the Unitary Plan process.	Report presented to Waitākere Ranges Local Board's 20 Feb 2017 meeting.	Report to Local Board 24 August 2017

	West Coast Plan Audit	Community Policy & Planning North West Planning	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.	Ongoing consideration will occur.	Ongoing consideration will occur.	Ongoing consideration will occur.
COMMUNICATION	Website establishment	North West Planning -katrina David	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/newseventsculture/heritage/pages/Waitakererangesheritagearea.aspx">http://www.aucklandcouncil.govt.nz/en/newseventsculture/heritage/pages/Waitakererangesheritagearea.aspx</a>	The Waitākere Ranges Heritage Area webpage on the Auckland Council website is a useful central repository of information related to the heritage area.  The webpage has been maintained with relevant content added as appropriate. The page has been viewed 244 times in past six months and 110 in past three months as at 7 July 2016.  The webpage is not likely to attract much traffic just by its existence, although when 'Waitākere Ranges Heritage Area' is Googled it is the second result. Any content that is added should be promoted on its own to highlight the news, through such channels as Facebook, Neighbourly and the media.	The page has been viewed 294 times in the last 6 months and 136 times in the past three months as at 5 December 2016.  One new edition of 'Thrive' newsletter (November 2016) has been added to the webpage. This issue looks at businesses growing produce in the heritage area, including herbs and native plants.  A new section has also been added to the webpage: Waitākere Ranges Heritage Area design guides. This has been extracted from the forthcoming Building in the Bush Design Guide, which will be finalised after the Auckland Unitary Plan appeals to allow for the inclusion of current and relevant planning information.	As part of the Council's website redevelopment project the Waitakere Ranges Heritage Area content and layout is being refreshed. It is proposed to be made live on line in the second quarter of the 2017/18 year
	Thrive' newsletter	Comms		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.	3 editions of 'Thrive' newsletter were circulated in the 2015/16 financial year: June 2015, October 2015 and June 2016.  Thrive is now on the WRHA webpage – at the bottom: <a href="http://www.aucklandcouncil.govt.nz/en/newseventsculture/heritage/pages/Waitakererangesheritagearea.aspx">http://www.aucklandcouncil.govt.nz/en/newseventsculture/heritage/pages/Waitakererangesheritagearea.aspx</a>	One edition of 'Thrive' newsletter (Nov 2016 ) was published during the first half of the 2016/17 financial year. This issue looks at businesses growing produce in the heritage area, including herbs and native plants.  The newsletter is circulated in hard copy and electronically on the WRHA webpage.	One edition of 'Thrive' newsletter ( June 2017 ) was published.  The newsletter is circulated in hard copy and electronically on the WRHA webpage.
	Waitākere Ranges Conservation Network	Community initiated Network, with a relationship with Environmental Services Unit (ESU)/Local Environmental Programmes	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 Waitākere Ranges Conservation Network held a networking seminar in June 2016. The network is progressing with organising a major seminar, setting up a website, and a mapping and data project.	The Conservation Network held a Pest Management Seminar in September 2016.  The network members continues to work towards its goal of setting up a website and a mapping and data project. In December 2016 Ark in the Park staff supported by the conservation network met with council officers (representatives from RIMU and EIS teams) and other conservation groups to discuss the need for and potential uses of a future database.	Waitakere Ranges Conservation Network website now live and has resources and contacts available for those wishing to set up and organise a community group.
EDUCATION	Learning Through Experience	ESU/Local Environmental Programmes	Te Kawerau 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.	Learning Through Experience programme continued to be delivered through the 2015/16 financial year.  Key outcomes: 4,267 students participated at Arataki during this period (with an additional 135 teachers and 468 parents).	July 2016 - Dec 2016 update: 2,900 students participated at Arataki during this period (with an additional 137 teachers and 478 parents).	At Arakaki the Learning through experience, "Education for sustainability Programme for Schools" continues to be delivered. In the second half of the 2016/17 financial year this was reduced in days from 5 to 3. The total numbers of students participating decreased accordingly.

LAND ACQUISITION	Land Acquisition	Regional Parks	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, 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.	Te Ahu Ahu Road block (78 hectares) - Concept Plan development currently underway. Forecast completion date Dec 2016.	A draft concept plan for the Te Ahu Ahu Road block was workshopped with the Waitākere Local Board on the 17th Nov 2016. A public open day was held on 10 December 2016.  Next steps: - Submissions evaluation - Draft Concept Plan modified where necessary. - Submitters will be contacted with a summary of the feedback prior to the outcome being communicated with the local board for comment and the plan presented to the council for final approval. - The target date for obtaining council approval is July 2017.	The Council purchased the 78 ha Byers Property at Piha in 2014. The land is currently subject to a variation to add the area to the Regional Park Management Plan. A 1217m2 site at 82 Karekare Road Karekare has also been added to the "Macreadies Campground" to enable this use and activities on the rest of the land to be reorganised.
SUPPORT FOR HERITAGE PROTECTION	Development of heritage incentives policy	Heritage	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 on hold until Unitary Plan decisions made and will be revisited after Auckland Council elections.	Framework still on hold.	Framework still on hold.
<b>LANDSCAPE</b>							
GUIDANCE	Road Corridor Design and Management Guide	Auckland Transport	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.	Prepared draft document for internal and external consultation (Oct/Nov 2015). Updated consultees (Dec 2015). Reviewed feedback and meet with Local Board (Jan/Feb 2016). Updated and amended document (March/April 2016). Issued to Local Board for final approval to release (May 2016) Issued to AT Design Office for branding and formatting (May 2016)	The Waitākere Ranges Local Board approved the updated Design Guide at its meeting May 2016. Auckland Transport is currently seeking approval to release the current version endorsed by the Local Board for use.	The Draft Waitakere Ranges Road Corridor Design and Management Guide requires mana whenua engagement before adoption.
	Promotion of Foothills Design Guide	North West Planning	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	Completed	Completed
	Preparation of Building in the Bush Design Guide	North West Planning	Iwi to be consulted as part of development of Design Guide.	New project requested by Waitākere Ranges Local Board for 2014/15 to provide design guide for building in bush-clad areas of the WRHA.	Draft Building in the Bush Design Guide last workshopped with Waitākere Ranges Local Board 16th June 2016. Project will not be completed until decisions on the Proposed Auckland Unitary Plan are released. In the interim the local board has sought that the specific "building design guidance" information be extracted and made publically available within the current local board's term. This work is underway and will be reported to the WR Local Board meeting 14 July for approval. Council Communications team to prepare the information (text and images) for the public.	Waitākere Ranges Local Board resolved at 14 July 2016 meeting for building design guidance information to be made publicly available from the end of September. Relevant information from the draft document has been uploaded to the Waitākere Ranges Heritage Area webpage on the Auckland Council website, titled 'Building Design Guidance for building in the bush in the Waitākere Ranges Heritage Area'.  Aiming for completion of the Full Design Guide publication (with planning information referenced) by end 2016/17 financial year.	To be completed in August 2017
MANAGEMENT	Anawhata land management	Regional Parks	Management of Anawhata land subject to Regional Parks Management Plan - Tangata Whenua management policies for Waitākere Ranges Regional Park which includes consultation with Te Kawarau a Maki and Ngāti Whātua regarding management of Parkland.	Maintenance of the natural character of the coastal areas.	Land continues to be managed as a part of the Waitākere Ranges Regional Park.	Land continues to be managed as a part of the Waitākere Ranges Regional Park.	No Change

DEVELOPMENT AND CONSENT ACTIVITY							
STATUTORY PLANNING (RMA)	Unitary Plan – protection of heritage features and environmental quality.	Heritage (Natural)	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.	The Panel provided its recommendations on the Proposed Auckland Unitary Plan to the Auckland Council on 22 July 2016.  The Council publicly notified its decisions on 19 August 2016.	Appeals have been lodged against the policies of the Significant Ecological Area Overlay (section D.9.3) by the Royal Forest and Bird Protection Society. The biodiversity policy part of the Royal Forest and Bird Protection Society appeal has been scheduled for a High Court Hearing as a priority matter. The hearing began on 16 February 2017.	Biodiversity policies in the Auckland Unitary Plan are now operative, but some individual sites are still subject to High Court Appeal.
	Other unitary plan topics including WRHA provisions	Unitary Plan team / North West Planning	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).	PAUP Hearings on the Waitākere Ranges Precincts (Topic 075) occurred in November 2015.  The Panel provided its recommendations on the Proposed Auckland Unitary Plan to the Auckland Council on 22 July 2016.  The Council publicly notified its decisions on 19 August 2016.	Appeals progress: There are several appeals to the Unitary Plan (Decisions Version) which affect the Waitākere Ranges Heritage Area. The most significant is an appeal 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.  A hearing date has not yet been set.	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. Consent order documents have been placed before the Court.
ECOSYSTEMS & ECOSYSTEM SERVICES							
MONITORING	Terrestrial Biodiversity Monitoring Programme	Environmental Research & Evaluation (RIMU)	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.	Surveying: Six forest plots were surveyed over the last field season between November and December (2015). Three wetlands were surveyed during the wetland programme in February and March 2016. The full five year complement of forest and wetland sites in the heritage area will be surveyed over the next three field seasons (2016-2019), after which this data will be analysed and reported on in a State of Environment report.  Results are also biannually reported in the Waitākere report card, the next issue which is presently being written and will be released during the second half of 2016.	Surveying: Eleven forest plots were surveyed over the last field season between November and December (2016). Three wetlands will be surveyed during the wetland programme in February and March 2017.  Reporting of survey data: The full five year complement of forest and wetland sites in the heritage area will all have been surveyed by the end of this field season (March 2017). This data will be analysed and reported on in a technical report, and in the 2018 Waitākere Ranges Heritage Area Monitoring Report. Results are also biannually reported in the Waitākere report card, the last issue which was released in October (2016) <a href="http://stateofauckland.aucklandcouncil.govt.nz/Localboards/Waitakere/">http://stateofauckland.aucklandcouncil.govt.nz/Localboards/Waitakere/</a>	Three wetlands were surveyed during the wetland programme in February and March 2017. The full five year complement of forest and wetland sites in the Heritage Area have now all been surveyed twice and the results are being analysed for inclusion in the 2018 Waitakere Ranges Heritage Area Monitoring Report.
	Freshwater Monitoring Programme	Environmental Research & Evaluation (RIMU)	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.  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. Specific results will be published later in the year in the 2016 annual water quality data report.  Macroinvertebrate Community Composition: 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 will be provided in the biannual Waitākere Report Card.	Monthly monitoring continues at the Cascades and Opanuku Streams. Water quality is generally very good at both of these sites.  Macroinvertebrate Community Composition: 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 water quality monitoring continues at the Cascades and Opanuku Streams. Results indicate water quality is generally very good at both of these sites. Specific results from the 2015 calendar year are published in the annual water quality data report. Results from the 2016 calendar year will be published in 2017. The Cascades, Opanuku, Marawhara, and Wekatahi streams and Waitakere River remain key sites for the stream ecology programme and are monitored for Macroinvertebrate Community Composition. These sites are included in the recently published technical report "River Ecology Monitoring: State and trends 2003-2013".

ANIMAL PEST MANAGEMENT	Animal Pest Control	Local & Sports Parks	No formal iwi involvement in maintenance programme.	Ongoing programmes targeting the control of rabbits, mustelids, rats, possums and pigs.	All works complete for 2015/16 financial year. Animal pest control work to continue in financial year 2016/17. New possum bait stations at Kay Road Bale Fill and Crows Park	Possum bait stations program continues at Kay Road Bale Fill and Crows Park.  Rabbit bait stations at Piha Esplanade Reserves. Night shoot for rabbit control at Waikumete Cemetery was carried out in Dec 2016.	New contractors have taken over from July 2017. Have been rolling out rat stations and attending to rats, ferrets and stoats. Animal control work to continue over the 2017/18 year as per the new contracts.
	Possum Control (Regional Programme)	Regional Parks and Biosecurity	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 (RTC). Programmes typically cover one third of the Regional Park each year, plus extensive buffer zones on adjoining land adjacent to programme area.	The Ranges wide monitoring took place in December. Residual trap catch was 4.69%, which was lower than the 2014-15 financial year. The strategic focus for possum control in the Auckland region in the 15/16 year was to deliver Project Hunua, which included aerial 1080 application across the Hunua Ranges and surrounding land. Biosecurity have listed work to be considered in the operational plan for 16/17, which includes possum control in the Waitākere Ranges again. All work considered will be based on monitoring results and Kauri Dieback risks will also be considered when regarding possible areas for control work.	Planning is underway for a ground-based possum control operation across approximately 5,000 hectares of the Heritage Area this autumn. The control area backs onto the southern boundary of Ark in the Park and covers a swathe of land south to Cornwallis.	A contractor started the possum control in the block south of the Ark in the Park in May 2017. By the end of June they had completed 50% of the 5000ha area monitoring, which showed a residual RTC mean of 2.04%. The second area of 2500ha is scheduled to start in July 2017.
	Waitākere Feral Pig Control	Regional Parks and Biosecurity	As per above.	Protect ecological and amenity values.	Monitoring was undertaken in July and August and the audit revealed that the current contractors are efficient and effective. In 2015/16 85 feral pigs have been culled consisting of 34 males, 32 females and 19 unidentified. Complaints have reduced also. This is a good indicator that contractors are effective and are substantially reducing feral pig numbers and their adverse effects in the Waitākere Ranges. Next years allocation at this stage looks to be the same as this year.	Contracted pig hunters continue to hunt the ranges in regular intervals to keep pig numbers low. Numbers are similar to last year at this stage.	The 2016-2017 operation went well and relationships have been further strengthened and that has benefited all participants as well as the program as a whole. Ranger feedback is excellent as well as some of the public in regards to the professionalism and the way the contractors have conducted themselves and their teams. Number of pigs controlled has increased by approximately 33% from 109 on the 2015/2016 year to 159 in the 2016/2017 year. There was a 53% Female and 47% split in gender which is what would be expected in a normal demographic population. This is partly due to the favourable year for pig breeding with a wet summer followed by a mild and wet winter. However despite this, a good indicator of the success of a program is the number of complaints and sightings of pig damage. As these have not increased, this is good evidence that the program is still very effective at minimising pig densities in the Waitakere Ranges. Due to adjacent private land, frequency of pig releases and the terrain, eradication is not a viable option but it is believed that near nil densities are possible thus resulting in minimal adverse effects caused by feral pigs in the Waitakere Ranges.
	Sulphur-crested cockatoo control	Regional Parks and Biosecurity	As per above.	Control of populations to protect ecological values (e.g. Cascades and private land).	Regional Parks is continuing to work with Biosecurity to identify the most effective way to control Cockatoo.	no progress since last update. The continuation of development of this plan will be workshopped with the board at the first possible workshop opportunity.	No further work to control and reduce Sulphur Crested Cockatoo numbers has taken place over the past year. Further refinement of control techniques are required.
	Rabbit Control - Piha	Local & Sports Parks (West)	No iwi involvement in day to day maintenance programme	Protect ecological and amenity values.	Rabbit bait station control program continues to be carried out in Esplanade Reserves.	Rabbit bait station control program continues to be carried out in Esplanade Reserves.	Work continues. New contractors on rabbit control work have been engaged for the 2017/18 year

KAURI DIEBACK	Kauri Dieback Management	ESU/Biosecurity (Regional) and Regional Parks (West)	<p>Phytophthora taxon Agathis (commonly known as PTA) is managed nationally by the Joint Agency for Long Term Management of Kauri Dieback Disease which includes northern iwi.</p> <p>The contribution of the long term management of kauri is of significant importance to tangata whenua, their well being, values, culture and traditions.</p> <p>Māori have been engaged through the Joint Agency Tangata Whenua Roopu and through direct engagement with iwi in affected areas. The iwi members of the Joint Agency Leadership Team strongly support the recommended action.</p>	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.	<p>Surveillance &amp; monitoring: Auckland Council's surveillance &amp; monitoring plan 5-year cycle re-survey of Waitākere Ranges occurred over the summer of 2015-16. This provides the first opportunity in this disease management programme to identify 'rate of spread'.</p> <p>- Aerial surveying has been completed, ground truthing is currently underway. A report (due August 2016) will inform a review by Regional Parks in conjunction with Biosecurity and Biodiversity, of the Waitākere Ranges Regional Park with a view to identifying areas where healthy Kauri may be effectively protected.</p> <p>Kauri dieback coordinator: The kauri dieback coordinator funded by the Waitākere Ranges Local Board continues to work with local communities to ensure that local people and visitors are well informed about kauri dieback and what they can do to prevent its spread .</p> <p>Provided support to parks advocacy programme and to the national kauri programme.</p> <p>Hygiene measures: Regional Parks continue to maintain hygiene measures throughout the Waitākere Ranges Regional park including maintaining the current Kauri Protection areas.</p>	<p>Surveillance &amp; monitoring: Auckland Council's surveillance &amp; monitoring plan 5-year cycle re-survey of Waitākere Ranges occurred over the summer of 2015-16. The report is now in draft. Discussions are currently being held between Biosecurity and Parks on the interpretation of the report, and the options of management to manage the spread of Kauri dieback within the Waitākere's and from the Waitākere's to areas where kauri dieback has yet to be identified.</p> <p>Kauri dieback coordinator: The kauri dieback coordinator funded by the Waitākere Ranges Local Board continues to work with local communities to ensure that local people and visitors are well informed about kauri dieback and what they can do to prevent its spread.</p> <p>Biosecurity continues to provide support to parks advocacy programme and to the national kauri programme.</p> <p>Hygiene measures: Ongoing</p>	Monitoring of the Waitakere Ranges was completed in 2016 and the report on this was released on the 9 August 2017. Recommendations in the report are being reviewed with options for ongoing management of Kauri Dieback in the Waitakere Ranges still to be agreed and implemented.
	Kauri Dieback Management	Local & Sports Parks	As per above.	Assisting in prevent the spread of Kauri Die Back within/from Local & Sports Parks.	Continue to apply a reactive approach in terms of removing PTA from reserves via tree maintenance contracts if they are causing a hazard, in accordance with standard operating procedures, and in consultation with AC Biosecurity Team.	PTA removal via tree maintenance contracts continues.	PTA removal via tree maintenance contracts continues.
WEED MANAGEMENT	Development of weed management policy	Community Planning and Policy - Regional	Iwi consulted during development of policy.	Develop a weed management policy to guide internal and external parties working on Council land (including road corridors).	Project completed.	Project completed.	Completed
	Undertaking a weed management operational review	Community Planning and Policy - Regional	It is envisaged that provisions for iwi participation, contribution, and/or consultation will be incorporated into relevant weed management initiatives and projects as part of the council's operational work programmes on land where Māori have a specific interest.	To report on all operations which involve weed management, to set baseline levels of service and to make recommendations for operational practices to meet the objectives of the Weed Management Policy.	Weed Management operational review completed December 2015. The report identifies where improvements can be made to current operational practices for weed management and changes are being implemented by the Council and CCO's to ensure best practices methodologies are being used.	Project completed.	Completed
	Weed Monitoring (outside fixed RIMU survey plots)	Regional Parks and Biosecurity	Pest Management in 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 park land. Regional Pest Management Strategy also requires Council to consult with iwi regarding pest management issues.	Weed monitoring/surveillance.	<p>Surveying &amp; monitoring: Surveys were not undertaken this year due to delayed spatial information. This spatial information has now been received in May 2016 so will be prioritised for the 2016-17 financial year.</p>	<p>Surveying &amp; monitoring: 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>	Two surveys were completed at the end of the financial year. One was adjacent to private property at Little Huiia 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 2017/2018 season. Another area called La Trobe Tawa Forest has low levels of weeds found on the road edge.

	Parks Ecoweeds	Regional Parks and Biosecurity	As per above.	Management of regionally significant pest plants in the Regional Park.	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.	Regional Parks in conjunction with Biosecurity is undertaking ecological weed control at identified locations throughout the Waitākere Ranges.  Ongoing weed control work is occurring in the Regional Park. Manchester Unity Block, around Huia and Cornwallis, at Whatipu and Pararaha, Karekare, Piha, Whites Beach and Anawhata, Cascades, Lake Wainamu, and Pae O Te Rangi.	Weed management work completed at these sectors as follows: Huia-Manchester Unity, Cornwallis, Huia, Little Huia, Mt Donald Mclean and Whatipu, Piha- Pararaha, Karekare, Lion Rock , North Piha, Whites Beach, Anawhata, Cascades, Lake Wainamu, Falls Road, Waitakere River, Pai oTe Rangi. A small release of tradescantia beetles occurred in the Regional Park near Brabant Road.
	Strategic Weeds Initiative	Biosecurity	As per above.	This programme covers regionally significant pest plants on (private) land adjoining the Regional Park.	Weed control work has been completed on private land at Piha, Little Huia and Karekare. Piha and Little Huia is in conjunction with the Waitākere Ranges Local Board weed control project.	Karekare: Work is occurring on private property. 70% of target properties have given permission to control priority weeds on their land.  Piha: Work is occurring on private property. 43% of target properties have given permission to control priority weeds on their land. The contractor is following up with properties that haven't replied to initial access request letter.  Huia: Work has been deferred to 2017-18 year.	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.
	Creation of Weed Free buffer zone	ESU/Local Environmental Programmes	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).	Weedfree Trust, in conjunction with Auckland Council Biosecurity, have continued to support community engagement in the management of weeds on properties that are within 500m of the Waitākere Ranges Regional Park, within and around the existing seven 'hot spot areas' of Henderson Valley, Oratia, Waiatarua and Laingholm.	Work has commenced in the Buffer Zone areas this financial year.  Ecomatters Trust will be focussing on Laingholm, Mountain Road and Waiatarua which are 'hot spot areas' where there is local community support and/or the private engagement coincides with an active programme on Regional Park (Manchester Unity Block).  The remainder of the 'hot spot' areas will continue to have advice, support and maintenance management.	Works completed and reported to the Waitakere Ranges Local Board meeting on 24 August 2017
	Sustainable Neighbourhoods Programme	ESU/Local Environmental Programmes	No iwi involvement in day to day maintenance programme.	Support to Neighbourhoods wishing to take action for ecological restoration of their local landscape.	Sustainable Neighbourhoods groups have been supported to plan future activity and informed about options for accessing advice and resources once the regional programme has ceased. This has included advising groups about grant funding options and supporting groups to develop funding applications. Groups have been made aware of Biodiversity and Biosecurity advice available from within council and externally.	This regional program has now ended.	Completed
	Waitakere Weed Action Project	Biosecurity		This programme is funded by the Waitakere Ranges Local Board and involves targeted engagement , survey and control of climbing asparagus within the communities of Piha, Huia and Karekare . Our overall vision is to contribute to a behaviour change where all the community understands we have a shared responsibility to manage environmental weeds in the Waitakere Ranges Heritage area			To date 499 properties are now involved in this project with 145 of those new to the project in the 2016/2017 financial year. Of the 127 property surveys completed this financial year 75 has climbing asparagus (60%). This project is being funded in the 2017/2018 financial year

	Community Weedbin Programme	ESU / Environmental Programmes	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	In 2015/16 the local board provide funding to total of \$85,000. This budget supported the deployment of six permanent weed bins across the seven sites for the community to dispose of their environmental weeds.  The Community Weed Bin programme has been included in the draft WRHA programme for 2016/17 with allocation of \$90K.  To address an increase in complaints and bin usage at the Kowhai Reserve and Kauri Loop sites it is proposed that bins at these sites are only made accessible once a month on a weekend. (This approach commencing from 1 October 2016). These bins will be manned for the whole day to control and educate the community on disposing of their weeds. These bins will be removed from the site at the end of the day.	Spending of \$90,000 budget is on target. The weed bins at Kowhai Reserve and Kauri Loop sites are now accessible once a month on a weekend with staff member on site to provide education on weed disposal. The bins are <b>removed</b> from the site at the end of the day.  Bins at the other sites continue to be used by the community to dispose of environmental weeds with little abuse of the service (e.g. dumping of rubbish rather than weeds).	Works completed and reported to the Waitakere Ranges Local Board meeting on 24 August 2017
	Pest plant control programme	Local and Sports Parks (West)	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.	All Scheduled pest plant control undertaken for 2015/16 financial year. Ongoing programmed unscheduled at Piha and High Value sites	Scheduled pest plant control has been undertaken in 179 reserves.  Restoration work has been undertaken in 17 High Value reserves.	New contractors have taken over from July 2017. Currently rolling out new weed removal programmes in reserves and attending to weed requests for service. Weed pest control work to continue 2017/2018 as per the new contracts.
	Les Waygood Reserve Weed Control Plan	Local and Sports Parks (West)	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.	Year 2 phase of Piha Ecological Restoration Plan near completion. Year 3 of the local board approved restoration plan will commence in July 2016	Work program commenced in late November 2016 in accordance with the approved ERP. The LB Chair has requested Vetch be addressed as a priority and that Alligator weed is added as a target species	Work on going. New contractors have been engaged for the 2017/2018 year
	Piha South Road Reserve Dune Management Plan (South of Lion Rock)	Local and Sports Parks (West)	Consulted on Pest Plant Control in the Piha Reserves.	Ecological restoration and recreation management.	Analysis for the naturalisation of Moana stream is complete and is with the Waitakere Ranges Local Board for feedback.	Feedback received from the Waitakere Ranges Local Board that further investigations are required. These will resume as budget becomes available.	Work on going. New Contractors have been engaged for the 2017/18 year
HABITAT RESTORATION	Revegetation (Regional Park)	Regional Parks	Revegetation projects upon 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 Parkland.	Revegetation of modified/disturbed habitat the Waitakere Ranges Regional Park.	2016 Revegetation program underway with plants distributed and planting is scheduled for June / July at Pae O te Rangi and Whatipu.	Revegetation has continued in 2016, primarily in the Pae o te Rangi area of the northern Waitakere Ranges and Whatipu as per the approved revegetation plans.	In 2017 our revegetation programme has continued in the Pae o te Rangi area of the northern Waitakere Ranges and Whatipu as per the approved revegetation plans.
	Community Revegetation Projects (Regional Park)	Regional Parks (West)	As per above.	Biodiversity protection and restoration.	Revegetation has continued in 2016, primarily in the Pae o te Rangi area of the northern Waitakere Ranges and Whatipu as per the approved revegetation plans.	Revegetation has continued in 2016, primarily in the Pae o te Rangi area of the northern Waitakere Ranges and Whatipu as per the approved revegetation plans.	In 2017 our revegetation programme has continued in the Pae o te Rangi area of the northern Waitakere Ranges and Whatipu as per the approved revegetation plans. These plantings are strongly supported by local schools and Kura Kaupapa.
	Huia Domain Erosion management	Parks (West)	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.	Multiple workshops have been held with community representatives to work together to identify an option that will mitigate the erosion while preserving the Domain. A Public consultation day was held in May to gather feedback on a proposed option to install groynes and provide beach replenishment. This option and consultation feedback will be presented to the WRLB in July 2016.	An option has now been agreed with stakeholders and the Local Board which includes the construction of two groins and beach replenishment.  Design development is underway.	Resource consent has been granted and a work schedule agreed with the contractor.



	Native restoration programme	Local and Sports Parks (West)	No iwi involvement in day to day maintenance programme.	Restoration of native ecosystems.	Two follow up plantings have been undertaken within the Piha Domain section of Piha Stream. Planting further upstream is being undertaken by local community groups and Regional Parks (West).	Two volunteer planting events were undertaken through the winter at Piha Domain.  - Gill Esp Reserve, Laingholm - volunteer planting. - Rimutaka Reserve, Woodlands Park – volunteer planting.  Perris Road, Swanson walkway – pest plant control and 120m of track building.	The planting at Piha domain went well occurring on the 23rd of July with Piha Coast care and regional parks, successful local community action. 1. Gill Esplanade. This planting 30 volunteers for 3 hours. They were a class from Titirangi Steiner School. Aged 12. 705 plants were planted. 2. Rimutaka Reserve, Woodlands Park volunteer planting. Approximately 20 volunteers for 2 hours. T. About 350-400 plants went into the ground.
	Community plant nursery	Community Empowerment	Iwi conversation still to be had	Support community stewardship. Community-managed resources for the restoration of native ecosystems	South Titirangi Neighbourhood network are looking at options to establish a community nursery to raise native plants for community conservation work in South Titirangi. Preliminary discussions with parks team to scope the project and shortlist potential sites.	No progress since last update. The continuation of development of this plan will be workshopped with the board at the first possible workshop opportunity.	No further communication has been had with Regional Parks regards establishing a community nursery.
FAUNA SPECIES CONSERVATION	Ark in the Park	Regional Parks (West) & ESU/Biosecurity (Regional).	Ecological restoration project within Waitākere Ranges Regional Park subject to relevant RPMP tangata whenua management polices which includes consulting with Te Kawerau a Maki and Ngāti Whātua regarding management of Parkland.  '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.	Iconic partnership project (with Royal Forest & 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.	ARK in the Park continues within the Regional Park supported by council through the Regional Parks, Biodiversity and Biosecurity Teams.	ARK in the Park continues within the Regional Park supported by council through the Regional Parks, Biodiversity and Biosecurity Teams.  Key points from July to Dec 2016: - Whitehead survey was carried out and a technical advisory group meeting held. Intensive monitoring is scheduled for the next 5 years, after which a decision about the need for further translocation will be made. Successful breeding recorded. - Kokako census – this was completed and identified 23 founder birds. The breeding season is underway with a pleasing number of kokako chicks fledging. - Winter baiting round was completed and summer baiting round started, rat monitoring was carried out after each baiting round and this, along with bait uptake data is used to guide future baiting efforts. - 8 presentations were given to groups - 1 volunteer workshop and social function held - An overseas intern was hosted with the project to carry out a trapping audit.	7 kōkako chicks banded and fledged in the breeding season ending February 2017 2 baiting rounds completed 3 cycles of rat monitoring completed Wasp control carried out over 565 hectares Ark in the Park 15th birthday celebration held for volunteers, attended by around 115 people Ark in the Park selected as a project to receive 50 Goodnature traps via the Squawk Squad advocacy initiative 2 overseas interns hosted 6 events attended including EcoDay, Bethells Community Day, and Festival. 5 Schools visited
	Community biodiversity projects	Regional Parks (West)	Ecological protection and restoration projects within Waitākere Ranges Regional Park subject to relevant RPMP tangata whenua management polices which includes consulting with Te Kawerau a Maki and Ngāti Whātua regarding management of Parkland.	Biodiversity protection and restoration.	Programmes continued. This includes supporting a Kauri Dieback Community Co-ordinator to initiate the advocacy programme within the WRHA.	Existing programmes continued.	No change, existing programmes continuing.

	Long tailed bat conservation work.	Biodiversity Operations	No iwi involvement.	To improve knowledge and understanding of long tailed bat distribution and behaviour.	Research scheduled for the 2015/16 financial year was unable to occur due to a landslip preventing access to the research site. Funding allocated towards long-tailed bat protection in 2015/2016 could therefore not be spent this financial year. It is proposed that the research is rescheduled to take place in November 2016. A work program for 2016/2017 financial year has been prepared	Auckland council biodiversity officers are developing a project scope for the work to be undertaken by contractors in the summer of 2017. The research is due to begin in February/March 2017 with results due by 30 June 2017.	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 the use of bat detectors recording both bat calls and activity and 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.
AQUATIC ECOSYSTEMS	Lake Wainamu restoration	Biosecurity	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.	NIWA was contracted this year undertake pest fish survey. Work was undertaken over a week in April 2016. A total of 590 fish were caught. Species included catfish, goldfish, grey mullet, perch and tench. 97% of the fish caught were perch.  Between 2004 and 2016 about 25000 pest fish have been removed from lake Wainamu and water clarity has improved 300 % from 2004 -2008* . In 2009 grass carp were released into the lake to eradicate invasive water weed species, the reduction of Egeria has been dramatic and we are in the process of getting a survey done to determine presence /absence of these weeds.	This programme is currently on hold while it is under an informal review.  Concern has also been raised about the on-going presence of grass carp (which were released to remove Egeria, an aquatic weed), but extensive netting in the past few years has not caught a single grass carp so it is not clear how they would be removed.	This programme continues to be on hold.
	West Coast Lagoons-water quality improvement project	ESU coordinating, with involvement from Regional Parks, Local Parks, Property, Stormwater, Building Control, Resource Consents, Licensing and Compliance, Comms, Policy and Local Board Services	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.	Continued implementation of the action plan <ul style="list-style-type: none"> <li>• Council upgraded the wastewater system at Les Waygood Reserve and the North Piha campground.</li> <li>• A grant scheme funded by the WRLB to support people upgrading their septic systems was launched and 7 applications were received</li> <li>• A simplified consent process and reduced fee structure was launched</li> <li>• A council 'loan scheme' to support upgrading septic systems was consulted on through the Annual Plan process - this will be launched before the end of the 2016</li> <li>• A community workshop was held and attended by interested members of the three affected communities.</li> <li>• Event held at Piha Domain to help connect people to the Piha Stream and lagoon.</li> <li>• EcoMatters contracted to continue awareness-raising campaign, with door-to-door discussions, free septic system assessments and running the Love Our Lagoon Facebook page</li> <li>• Five notices served in the lagoon catchments requiring owners to fix major failures in their septic system . These failures were found through the improved pump-out programme service</li> <li>• Five other proactive inspections of high-risk properties were undertaken in the Karekare catchment.</li> <li>• Three landowners received support for excluding their cattle from waterways near the Bethells Lagoon.</li> </ul>	Uptake of Waitākere Ranges Local Board Grant has been very successful with 9 applications received to 30 November when the application period closed.  Voluntary Targeted Rate – retrofit your septic tank scheme on track for launch before the end of the year.  A community workshop hosted by Sir Barry Curtis and Ecomatters held focusing on the Karekare area.  5 Beaches and lagoons have had Long term signage installed recommending against swimming. Piha Lagoon, North Piha Lagoon, Bethalls (Te Henga) Lagoon, Wood Bay and Titirangi Beach.  Continued programme to support landowners to exclude stock from the Te Henga wetland area.	Waitākere Ranges Local Board Grant has been very successful with 10 applications approved, 2 have been completed and paid out to 30 June 2017.  Voluntary Targeted Rate – retrofit your septic tank scheme commenced in February 2017. No uptake yet.  Ecomatters Environmental Trust contracted to deliver additional community education and events over the summer focussing on lagoon quality and onsite waste water.  5 Beaches and lagoons have had Long term signage installed recommending against swimming. Piha Lagoon, North Piha Lagoon, Bethalls (Te Henga) Lagoon, Wood Bay and Titirangi Beach.  Continued programme to support landowners to exclude stock from the Te Henga wetland area.
<b>CULTURAL AND BUILT HERITAGE</b>							

MONITORING	Historic Heritage Monitoring Programme	Heritage	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 CHI Team identified 290 priority archaeological sites along the southern coast of the ranges (Green Bay to Whatipu) to survey in the 2015/2016 field season. These sites fall within parks land or coastal areas, are scheduled sites, are deemed to be worthy of scheduling, or need a basic upgrade. The CHI team have resurveyed 190 of these sites. Site records have been updated including monitoring recommendations and redefinition of site extent in ArcGIS. Preliminary work is underway for a Built Heritage Survey and Assessment in the 1016/17 financial year. This involves approx. 90 priority built sites, 41 are scheduled, 3 are to be assessed for scheduling and 44 sites need to be updated in the CHI database. This work will include state and condition assessment and monitoring upgrades.  Other research: Archaeologist Kim Tatton has produced a draft report on the historic Māori settlements of Parawai Pa and Waiti Village, at Te Henga as well as compiling information on the Piha tramline (this research was part of last year's budget data rationalisation Stage 1A ).  A project on the timber milling industry sites in the WRHA is planned for the 2016-2017 financial year .	Waitākere Ranges Survey 2016 - ongoing:  • Survey of the southern coast of the Waitākere Ranges (Green Bay to Whatipu) commenced in January 2016. To date the CHI team have surveyed 165 / 293 sites from completed survey routes. This work is ongoing and will be continued in the 2016/2017 survey season.  • The built heritage sites (89) have been given to an external consultant to survey, monitor and assess within the 2016/2017 financial year. This work is due to be completed by December 2017.  Other research: The two draft research papers on the archaeology of the Piha tramline and the historic Māori settlements of Waiti Village and Parawai Pa at Bethells are expected to be completed by February 2017.  Research into the timber milling industry: Research into the extensive historic milling sites and associated infrastructure that operated between 1850-1910, in the Huia Area. The project brief for this study is being formulated presently.	The Built Heritage Survey and assessment of 90 priority built sites has been completed (41 are scheduled ,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 spreadsheets . Survey of the southern coast has been put on hold until 2017/1018. Research into the Huia Timber Milling Industry associated with the Gibbons family in particular has been contracted to a sub-consultant and research is underway . The reports on the Piha tramline and Bethells historic settlements are still in draft -but the final reports are being worked through by the CHI team.
<b>CULTURAL AND BUILT HERITAGE</b>							
TANGATA WHENUA	Engagement with Tangata Whenua	North West Planning in association with Te Waka Angamua	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	On hold.	On hold.
	Te Henga Marae	Community Policy and Planning (West)	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.	On hold.
	Pou installation and maintenance	Regional Parks	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.	Pou in the Waitākere Ranges will continue to be maintained as agreed with Te Kawerau A Maki.	Pou in the Waitākere Ranges will continue to be maintained as agreed with Te Kawerau A Maki.
INTERPRETATION	Documentation of Oratia's heritage and enhancement of Oratia Village's public open spaces	North West Planning	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.	The Local Board has funded the development of a shared path for walking and cycling from Oratia village to Parrs Park, which includes traffic calming and improved pedestrian amenity in the centre of the village. This is consistent with Action 46 of the Oratia Masterplan " Upgrade and establish cycleways and footpaths that serve the school and village". This project is due to go out to tender.	Construction of a shared path on West Coast Road is scheduled for completion in February 2017.	West Coast Road shared path completed.
<b>RECREATION OPPORTUNITIES AND VISITOR MANAGEMENT</b>							

	Waitākere Ranges Heritage Area Local Parks Design Guidelines	Local and Sports Parks (West)	<p>Mana Whenua are providing input on this project.</p> <p>A hui was held with Te Kawerau a Maki on 12/07/16</p>	Development of local parks design guidelines for the WRHA	N/A	<p>WRHA Local Parks Design Guideline is being prepared and has had input from Te Kawerau o Maki already.</p> <p>Two sets of public consultation are scheduled for this project – the first approximately March 2017 and the second in September. Prior to both of these, the draft guidelines will be presented to the local board for review and to approve of the public consultation material. Both consultation sessions will run for 10 weeks. These are approximate dates only.</p>	Draft guidelines have been presented to the Board and public consultation is scheduled for spring 2017 through a series of open days
VISITOR MANAGEMENT	Vehicle counts	Regional Parks	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.	<b>Awaiting results.</b> The 2015/16 counts are tracking at a similar rate to 2014/15 and are likely to show an increase in activity for the last six months.	<p>Vehicle numbers continue to be counted at selected entry points into the Waitākere Ranges Regional Park for the 2015/16 FY and indicate that the number of visits to the Waitākere Ranges regional parks continues to grow.</p> <p>Based on a survey undertaken in 2015 which established the number of people per vehicle, the number of visits at the monitored sites has increased by 24% (to 788,382 visits) during the 2014/15 FY.</p> <p>The main increases have occurred at Cornwallis, Glen Esk and Lake Wainamu, with decreases occurring at Karamatura and Cascades-Kauri.</p>	Statistics are currently being collated for inclusion in the 2018 five yearly monitoring report
	Track counts	Regional Parks	As per above.	To assist informed decision making.	Counters maintained, usage of closed tracks within Protection areas monitored.	Counters have been maintained within Protection areas on closed tracks. Counters are showing ongoing usage on all tracks.	Track counters within the Kauri Protection areas continue to show varying levels of useage

DEVELOPMENT OF FACILITIES AND OPPORTUNITIES	Track maintenance and upgrades (Regional Park)	Regional Parks	As per above.	To provide a range of appropriate recreational opportunities.	Track maintenance programme continued	<p>Progress:</p> <ol style="list-style-type: none"> <li>1. Muir Track renewal work was completed late 2016</li> <li>2. Work was required to re-align the proposed renewal route of the Kauri Grove Track to keep it away from an unstable cliff area and ensure a safer walk – The final route and construction methodology is still to be confirmed.</li> <li>3. Swanson pipeline surface renewal completed late 2016</li> <li>4. Awaiting consent (lodged late 2016) for the Zion Hill track renewal works</li> <li>5. Awaiting planning approval to replace the lower section of stairs on Lion Rock at Piha</li> <li>6. Resource consent has been issued for the renewal of a section of Whites Track to reduce the road walking required on Anawhata Road</li> <li>7. 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 is being reviewed to ensure minimal visual impact while still meeting the functional requirements.</li> </ol>	Progress in the first 6 months of 2017 is as follows: <ol style="list-style-type: none"> <li>1. Ongoing discussions on the alignment and methodology to undertake improvements to the Kauri Grove Track have delayed starting the work.</li> <li>2. A new safe walking section (off road) off Whites Track at Anawhata has received consent and development work has started.</li> <li>3. Resource consent has been obtained for the Zion Hill track renewal works.</li> <li>4. Approval to undertake the replacement of the lower section of stairs on Lion Rock at Piha has been obtained.</li> <li>5. 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.</li> <li>6. The clearance of vegetation intruding upon the tracks has been undertaken throughout the Waitakere Ranges.</li> </ol>
	Hillary Trail	Regional Parks	As per above.	To provide a range of appropriate recreational opportunities.	Tracks maintained as part of the Regional Park Track Maintenance programme.	Tracks maintained as part of the Regional Park Track Maintenance programme.	Tracks maintained as part of the Regional Park track maintenance programme
	Arataki Aerial Walkway	Regional Parks (West)	Management of Arataki Visitor Centre subject to relevant RPMP tangata whenua management policies 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 on hold.	Project on hold	Project remains on hold
	Waitākere Ranges Foothills Walkway	Local and Sports Parks (West)	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.	Ongoing: Note - The Swanson Walkway and Mountain Road Walkway are part of the Waitākere Ranges Foothills Walkway.	<p>Ongoing: Note - The Swanson Walkway and Mountain Road Walkway are part of the Waitākere Ranges Foothills Walkway.</p> <ul style="list-style-type: none"> <li>• The Scenic reserve walkway section has now been completed;</li> <li>• The walkway connection Huia Rd to Rimataka place is scheduled to start Feb 2017 (ending May);</li> <li>• The Henderson Valley section is currently being considered and cost estimations are in progress.</li> </ul>	Maisa Aldeen Siebel Reserve complete but some remediation work required on boggy sections. Rimataka Place is completed with just planting to be finished. Henderson Valley underway.

	Swanson Walkway	Local and Sports Parks (West)	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.	Volunteer construction has begun along the Perris Road section of the Swanson Foothills section. Seibel Scenic Reserve physical works will begin in May 2016.	Perris Road section on hold - The volunteers have pulled out halfway through construction of Perris Road walkway construction, contractors are being considered to complete the work.	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.
	Mountain Road Walkway	Local and Sports Parks (West)	Correspondence advising of project sent 25/08/15 to Te Ara Rangutu o Te iwi o Ngāti Te Ata Waiuhua; 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.	The Mountain Road walkway, Henderson Valley has just been completed. This project was funded by the Waitākere Local Board.	Mountain Road walkway section completed August 2016	Completed
	Waitākere Valley trails	Community Empowerment	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	Waitākere Valley trails group was created by residents of Te henga (Bethells Beach) and the Waitākere Valley with the purpose "To work towards creating trails within the Waitākere Valley, and to places beyond the valley, thereby connecting people safely with their community, other places and the environment and providing opportunities to share our history and stories". The group has done an initial prioritisation and discussed route and design options.	The Waitākere Valley trails group received support in principle from the Waitākere Ranges Local Board and initiated discussions with Auckland Transport and iwi to progress the design of tracks that have been identified as a priority in the Te Henga Coastal Village.	After some redesign of the Bethells section of the walkway, the Waitakere Valley Trails Group received Auckland Transport support for the eventual acceptance of the works in the road. Design and consenting for this underway by the Trails Group.
	Little Huia Concept Plan - toilets	Regional Parks	Letter advising of the project 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.	Completed	Completed	Completed
	Little Huia Concept Plan - boat ramp/ car parking	Regional Parks	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.	On hold	On hold	On hold.
	Pararaha Toilet	Regional Parks	Te Kawerau A Maki consulted in 2013 on project to replace / relocate toilet at Pararaha.	Replacement of a poorly functioning composting toilet at Pararaha.		Completed	Completed
	Karamatura Seawall	Regional Parks	No iwi involvement as maintenance project.	A small wooden seawall has been undermined and is gradually being damaged by the sea.	No work undertaken and elements removed as they become unsafe.	Progress: Feedback received from a group within the local community requesting community consultation before final decision made. Seawall fenced off while further advice sought and consultation undertaken.	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
	Hinge House Veranda Replacement	Regional Parks	No iwi involvement as maintenance project.	The concrete veranda at Hinge House has a large crack across it and requires repair.		Completed	Completed
	Regional Park Car park bollard replacement	Regional Parks	No iwi involvement as maintenance project.	Vehicle barriers in a number of car parks throughout the Waitākere Ranges are failing and requiring replacement.		Completed	Completed
	ZigZag Track Bridge replacement	Regional Parks	Letter about the project 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.	The bridge on ZigZag track has failed and requires replacement.		Completed	Completed

	Karekare beach and Surf Club access	Regional Parks	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.	Concept plan completed, consultation undertaken, detail design work is currently underway, Preparation of a Resource Consent application to build is underway with a view to being lodged in July 2016.	Application for Resource Consent was publicly notified on the 17 November 2016.	Several submissions were received. Still awaiting resource consent. Forecast cost increases have resulted in the need to review the budget.
	Radar Station Interpretation	Regional Parks	Iwi conversation still to be had.	Design for Interpretation of the Radar station.		Completed	Completed
	Arataki Visitor Centre Interpretation renewal	Regional Parks	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.	Design for renewal / updating the Arataki Visitor Centre interpretation / displays.		Completed	Completed
	Piha community wetland project	Community Empowerment	Initial briefing conversation with iwi (September 2016).	Public ownership and community stewardship of a regenerating wetland in Piha for environmental, recreational and community outcomes	A partnership proposal was prepared by a community collective to support the acquisition of the land by the Council. The land is currently owned by a third party and due to be disposed of. A decision is expected to be made by the governing body on the acquisition in July 2016.	The decision was made but is confidential until the land acquisition process is completed.	Acquisition process is underway.
	Design work will be undertaken to enable the Mahoe Rd Track to Zig Zag Track to be re-opened.	Regional Parks		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.	Resource consent has been applied for to renew the Mahoe Track in Titirangi. These sections were previously closed but have continued to have high use.
	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.		Progress: Work schedule is currently being prepared. Requires design work and may require a resource consent application.	Resource consent has been applied for to renew the lower section of the Zig Zag Track in Titirangi. These sections were previously closed but have continued to have high use.
	Zion Hill Track in Karekare			The renewal of the Zion Hill Track in Karekare		Progress: Resource consent lodged December 2016 Tendering process for works scheduled for early 2017.	Resource consent has been obtained and work commenced
	Karamatura Valley Toilet			Renew the Karamatura Valley Toilet		Progress: Design work is underway. Further archaeological work is required prior to lodging for consent following awareness of archaeology in the immediate area	Heritage considerations has resulted in this project being placed on hold subject to necessary approvals being obtained
	Cascades Kauri toilet block at Falls Road			Renew the Cascades Kauri toilet block at Falls Road.		Progress: Design work underway. Implementation will require consent application - aiming for construction in October/November 2017.	Project progressing.
	Fencing repairs and Maintenance			ongoing maintenance and repair of farm fencing at Pae o te Rangī, Anawhata and Karamatura Farms			Planned project for 20017-18
	Arataki Nature Trail - renew trail			renew sections of the Arataki Nature Trail			Planned project for 20017-18
	Arataki Visitors Centre paint/stain exterior and interior, including roof			undertake exterior and interior restain/repaint including roof			Planned project for 20017-18
	Bethells Beach, Lake Wainamu-renew jetty			Bethells Beach, Lake Wainamu-renew jetty			Planned project for 20017-18
	Cascade Falls - renew car park			Cascade Falls - renew car park to help manage visitor demand			Planned project for 20017-18

	Cascade Fairy Falls - renew CCTV system renew car park			Improve visitor safety and security as well as security of park assets through the renewal of the CCTV system			Planned project for 20017-18
	Mt Puke and Falls Road , Piha Domain .Renew workshop , office and information Board			Renew information Board			Planned project for 20017-18
	Piha Mill Camp , Glensesk Road , Piha- redecorate interior of toilet block			Redecorate interior of toilet block			Planned project for 20017-18
	Piha Regional Park- The Gap/ Byers Block- signage			Install interpretative signage subject to concept plan approval			Planned project for 20017-18
	Piha Regional Park- The Gap/ Byers Block- Track western sector			Install track at park subject to concept plan approval			Planned project for 20017-18
	Project K - Renew retaining wall			renew failed retaining wall behind garage at Project K , Little Huia			Planned project for 20017-18
	Western Sector - renew high risk structure			Undertake renewal of sections of Cornwallis wharf and high risk structures			Planned project for 20017-18