

Infrastructure and Environmental Services Work Programme 2018/2019

ID	LB Plan Outcome	Lead Dept/Unit or CCO	Activity Name	Activity Description	Activity Benefits	Further Decision Points for LB	Timeframe	Budget Source	FY18/19
430	We respect and protect our environment	I&ES: Healthy Waters	New project: Waitītiko (Meola Creek) restoration initiative	<p>This budget will primarily support the continuation of a catchment approach to restoring Waitītiko by empowering community and school groups to undertake water quality monitoring and riparian restoration planting. This will continue at four sites on the Albert-Eden side of Waitītiko and at two sites on the Waitematā side. This initiative requires investment from both the Albert-Eden and Waitematā Local Boards (\$20,350 from Waitematā and \$24,650 from Albert-Eden, reflective of the number of sites in each area). The proposed total budget of \$40,200 also includes:</p> <ul style="list-style-type: none"> - \$1,000 for prizes for the moth plant pod competition developed by Mount Albert Grammar School's Envirogroup students - \$5,000 towards a facilitated community workshop for all groups and individuals interested in Waitītiko - \$750 to establish a permanent Wai Care water quality monitoring kit to enable all individuals and groups to carry out monitoring and feed into the Wai Care database - \$8,800 to support the establishment of planting nursery units at Point Chevalier School and Point Chevalier Scouts, encouraging young people to grow native plants for Waitītiko through the Trees for Survival programme. 	<p>This project will contribute to a functioning riparian environment with a focus on native tree planting activities to support efforts to improve water quality and increase urban forest cover. It will also grow community capacity for weed management and pest eradication and create linkages to localised Pest Free initiatives such as Pest Free Point Chevalier and broader scale projects such as Pest Free Auckland. This initiative enables the wider community to experience, learn about, and take action to enhance the natural environment of Waitītiko. The following groups will receive support to undertake the restoration activities:</p> <ul style="list-style-type: none"> • Point Chevalier School at Te Mahurehure Marae • Pasadena Intermediate on school site • Bluegreens – 990 Great North Road • Rasheed Memorial Trust - Motions Road. 	TBC	Q1;Q2;Q3;Q4	LDI: Opex	\$ 40,200

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431	We respect and protect our environment	I&ES: Environmental Services	EcoNeighbourhoods	<p>An Eco-Neighbourhood comprises groups of six or more neighbours from different households within the board area, with the objective of adopting sustainable, low carbon practices and increasing resilience within their homes, lifestyles and neighbourhoods. Each group decides activities they wish to undertake, with support from a project manager.</p> <p>Activities may include:</p> <ul style="list-style-type: none"> carbon footprinting, using the Future Fit carbon calculator to work out their most material impacts food - bee keeping, sustainable local food production and consumption, street orchards, shared chicken coops, food swapping, food resilience water conservation - rain water collection, water efficiency, eco cleaning products waste reduction – composting, beeswax wrap making, recycling/upcycling, living waste free, boomerang bags transport - e-bike workshops, electric vehicle expos energy reduction - home energy and hot water efficiency, healthy homes biodiversity – tree planting, rat trapping opportunities for participants to complete Live Lightly community champions training. <p>In the 2017/2018 financial year, there were 12 EcoNeighbourhoods groups. It is expected that up to 20 groups could be supported with \$40,000 worth of funding from the local board in the 2018/2019 financial year. Alternatively, \$30,000 would support up to 12 groups, and \$35,000 would support up to 15 groups.</p>	<p>The benefits from this project may include:</p> <ul style="list-style-type: none"> more connected and resilient neighbourhoods, with low carbon champions increased ability to reduce energy demand and carbon emissions local examples of environmentally sustainable and low carbon living within the community which can inspire others informed tenants and homeowners who can help improve energy efficiency and health outcomes. <p>Groups receive up to 20 hours of facilitation support and can receive up to \$1,000 worth of incentives, discounts and training to support behaviour change.</p>	TBC	Q1;Q2;Q3;Q4	LDI: Opex	\$ 40,000
432	Albert-Eden has thriving town centres and a growing local economy	I&ES: DPO	Mount Albert town centre transformation	<p>To upgrade the Mount Albert town centre on New North Road. Construction is anticipated to be completed within the 2017/2018 financial year. This budget will go towards any defects and post-construction administration.</p>	<p>Direct benefit to the town centre through improved overall amenity, attractiveness, safety, accessibility, connectivity and ease of movement within and to and from the town centre. The project will support local business patronage. Reflection of mana whenua cultural significance within the design will provide greater awareness of the history of Mount Albert.</p>	TBC	Q1;Q2;Q3;Q4	ABS: Capex - Development	\$ 50,000

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433	We respect and protect our environment	I&ES: Environmental Services	Epsom Rock Forest Landowner Assistance Programme (stage two)	<p>Stage two of a landowner assistance programme to support and encourage private landowners to care for and protect lava rock forest on their land. The project follows a successful (local board supported) landowner programme in held in 2017/2018, which targeted 35 properties in the Epsom area that have Mount Eden lava rock forest on their land. Stage two will use a similar engagement model and will target an additional 50 properties with rock forest ecology. The intent of the programme is to raise awareness of the values of rock forest, identify management needs and help support landowners to carry out active management of the rock forest remnant on their property.</p> <p>The programme requires an ecological contractor to undertake site visits to each property to assess the current health of the rock forest and develop a Biodiversity Action Plan with the landowner to guide appropriate ecological restoration and management at each site.</p> <p>To support the implementation of the biodiversity action plans, staff will provide additional incentives and support to these landowners through the regional ecosystem budget. These incentives and support tools are likely to include: composting weed bags, Timms traps and snap traps for possum and rodent control, a community weed bin, and funded contractor assistance with weed control.</p>	<p>This project will:</p> <ul style="list-style-type: none"> • support the protection and restoration of lava rock forest in Epsom. This is one of Auckland's rarest ecosystems and is only found in Epsom with approximately 23ha remaining • support the control of weeds and pest animals, which will allow the lava rock forest to naturally regenerate and improve forest health • assist with protecting the nationally threatened fern <i>Pellaea falcata</i> which is found at the Almorah rock forest site. The project protects some of the last remaining naturally forested areas in central Auckland and provides refuges for wildlife in the city e.g. kākā • expand on work already undertaken in the council reserve at Almorah and adds value to the five year investment the local board have made at that site <p>A landowner assistance programme which includes incentives (equipment and contractor assistance), as well as advice and support with upskilling the landowner is more likely to encourage community action and be effective in achieving ecological results. Such a programme will assist with developing community knowledge and pride in the Epsom lava rock forest, which will lead to community action to protect the lava rock forest.</p>	TBC	Q1;Q2;Q3;Q4	LDI: Opex	\$ 10,000
434	We respect and protect our environment	I&ES: Healthy Waters	Support for community-led streamside restoration	<p>To support community-led streamside restoration projects around Meola and Oakley Creeks. This may involve grants to community groups such as the St Lukes Environmental Protection Society and Friends of Oakley Creek, or engaging a contractor to develop planting and weeding plans for the community groups.</p>	<p>This project will provide the following benefits:</p> <ul style="list-style-type: none"> • improving the health of waterways, protecting threatened species • empowering local communities to connect and advocate for their local environment • increasing both terrestrial and aquatic biodiversity by creating ecologically improved corridors and riparian margins • Local community volunteer groups will be able to continue their environmental work and extend community participation in both the Meola (St Lukes Environmental Protection Society) and Oakley Creek areas (Friends of Oakley Creek). 	TBC	Q1;Q2;Q3;Q4	LDI: Opex	\$ 13,000

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593	We respect and protect our environment	I&ES: Environmental Services	New project: Bike Hub	<p>Stage one of the bike hub project will involve:</p> <ul style="list-style-type: none"> identifying the location and community partners for a repair centre for secondhand bikes in the Albert-Eden Local Board area developing a sustainable operating model for the bike hub that will result in predictable operating hours for users securing funding and support from other sources to enable the development of the bike hub and its programmes. <p>Stage two of the project (to be proposed in the 2019/2020 financial year) will involve the set up of the bike hub, and making it operational for the public (implementation phase). Based on the cost to set up the New Lynn bike hub, this could cost approximately \$20,000 in year two, however there could be savings depending on where the bike hub is set up.</p>	<p>Albert-Eden communities have the skills, knowledge and resources to make positive choices for sustainable living and reduction of their ecological footprint. Albert-Eden communities are engaged in education and skill sharing around repair and resource recovery. Albert-Eden communities are educated about active transportation and have access to enabling an active transport option.</p>	TBC	Q1;Q2;Q3;Q4	LDI: Opex	\$ 10,000
660	We respect and protect our environment	I&ES: Healthy Waters	New project: Light industry pollution prevention programme	<p>This programme is primarily educational and aims to inform urban businesses (including retail stores, car yards and restaurants) about the impacts their activities may be having on local waterways. The programme includes a site inspection and discussion with the business owners about potential issues around pollution as well as waste minimisation techniques. If changes are recommended, a report is sent to the business. The programme involves a GIS mapping exercise to ensure that businesses understand the stormwater network connections in relation to local waterways.</p> <p>As a general rule, \$20,000 worth of funding will allow engagement with between 80 and 140 businesses, depending on the level of engagement required.</p> <p>This project will work in conjunction with the business sustainability project proposed through the 2018/2019 Auckland Tourism, Events and Economic Development work programme.</p>	<p>The benefits of this programme will include:</p> <ul style="list-style-type: none"> improved water quality (long-term) and biodiversity for waterways feeding the Waitematā Harbour community engagement to take ownership of specific areas of a stream to achieve positive environmental/social outcomes educate and increase awareness around how businesses contribute to water pollution improved social responsibility of businesses in the area to be use best practice on site to protect waterways educate businesses about risks with the aim of preventing pollution incidents. 	A workshop will be held with the local board, Healthy Waters and Auckland Tourism, Events and Economic Development staff in July 2018 to confirm the areas to be targeted through this programme.	Q1;Q2;Q3;Q4	LDI: Opex	\$ 20,000

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717	We respect and protect our environment	I&ES: Healthy Waters	New project: Waititiko, Waiateao (Meola and Motions Creek catchments) and the Three Kings to Western Springs Aquifer Initiative (Albert-Eden)	This project will be focused on the Western Springs-Meola-Three Kings Aquifer, comprising of the Waititiko (Meola) and Waiateao (Motions) Creeks. The initiative will aim to identify the issues, opportunities and existing programmes in place to restore the aquifer and related groundwaters. This assessment will identify gaps and inform options for future works in the area. It is proposed to utilise knowledge from stakeholders and involve partnerships with interested and influential parties operating within the catchment which covers three local boards, Puketāpapa, Albert-Eden and Waitematā. These would include local communities, mana whenua, Auckland Council, Watercare and Auckland Transport. It is proposed that the Albert-Eden and Waitematā Local Boards fund \$10,000 each towards this project, and the Puketāpapa Local Board funds \$5,000 as they have a smaller share of the catchment.	The long-term objectives of this project include: 1. Holistic management – using a catchment-based approach to sustainably manage and protect the aquifer and waterbodies 2. Connecting Aucklanders with water – how to increase the number of people connected to water and nature of their city 3. Restoration of biodiversity – protecting and enhancing green corridors and reserves to increase biodiversity and improve the resilience of urban ecosystems. The benefits of the project include: • restoring and improving local waterways. • increasing both terrestrial and aquatic biodiversity by creating ecological corridors and restored riparian margins. • empowering local communities to connect and advocate for their local natural environment and for positive freshwater outcomes.	TBC	Q1;Q2;Q3;Q4	LDI: Opex	\$ 10,000
1531	We respect and protect our environment	I&ES: Environmental Services	New project: Community education and moth plant disposal project	This project will support the community to identify moth plant and control it on local properties through effective communication and engagement. Other weeds can be included in future financial years, but moth plant will be the focus for 2018/2019. The community will be supported to safely dispose of moth plant, and a collection and disposal service will be provided on request, free of charge. The collection will be available for a specified period of time (possibly during March 2019). Landowners will be encouraged to fill bags with moth plant for collection. Advice will be offered on other weeds, but collection will be limited to moth plant. This project does not include support for the physical removal of moth plant, just the disposal. An identification service will be provided to people if they are unsure whether they have moth plant or not. Local community groups who are currently working to control weeds in the area will be engaged to support the project, including Friends of Oakley Creek, Friends of Maungawhau, and the Society Totally Against Moth Plant (STAMP). This project may also involve attending community events to raise awareness of invasive weeds, especially moth plant.	Benefits include: • a reduction in moth plant in the Albert-Eden Local Board area, which is a top weed that the council receives complaints about • moth plant pods contain up to 1,000 seeds which can carry in the wind more than 20km away. Moth plant can out-compete and replace native plants and smother and strangle whatever it climbs on. Therefore, this project will contribute to protecting native ecosystems • contributing to protecting high value parks and spaces such as Oakley Creek • contributing to the protection of maunga from invasive weeds (Maungawhau / Mount Eden) • encouraging community participation and increasing awareness of the effects of pest plants • providing financial support for individuals and groups undertaking weed control through the free collection service. This budget will include \$3,000 towards public relations and communications, \$4,000 towards the disposal service, and \$3,000 towards support for community groups and individuals.	TBC	Q3;Q4	LDI: Opex	\$ 10,000