

Essential Freshwater Fund

Work Programme for

**Te Awarua-o-Porirua - Restoring the mauri of the
Porirua Harbour**

October 2021– June 2026

Including Year 1 Annual Work Plan

January 2022 – June 2022

Undertaken by

**Porirua City Council with Sustainable Coastlines
and Ngāti Toa**

Official information and privacy

Official Information Act 1982

Important: Information presented to the Minister for the Environment or the Ministry for the Environment is subject to disclosure under the Official Information Act 1982 (OIA). Certain information may be withheld in accordance with the grounds for withholding information under the OIA. Further information on the OIA is available at www.ombudsmen.parliament.nz.

Information held by the Minister or the Ministry may have to be released under the OIA in response to a request from a member of the public (or any other body) for that information. If you wish to provide sensitive information to the Minister or the Ministry which you do not want released, it is recommended you consult with the Ministry as to whether the information is necessary for the application, and whether there may be grounds in the OIA for withholding the information. For instance, if release of the information would disclose a trade secret, or be likely to unreasonably prejudice the commercial position of the person who supplied or who is the subject of the information, then there may be grounds to withhold the information. If an OIA request relating to your application is received, the Ministry will endeavour to contact you to discuss it, and what the implications of releasing your information are.

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Important: The Ministry for the Environment (Environment House, 23 Kate Sheppard Place, Wellington 6011 temporarily located at Level 2, 3 The Terrace, Wellington 6011) may collect, use, hold or disclose personal information for the purpose of assessing eligibility and suitability for Public Waterways and Ecosystem Restoration Fund funding. Individuals have the right in accordance with the Privacy Act 2020 to request access to and correction of their personal information. While the provision of personal information is not mandatory, failure to provide requested information could lead to a delay in considering the application or a decline of the same.

Instructions

This Work Programme template is completed by the Essential Freshwater Fund applicants who have been invited to proceed to Stage 2 (project planning).

This Work Programme gives an overview of the entire life of the project, including purpose, objectives, benefits and estimated costs. The Work Programme is accompanied by an Annual Work Plan, which more specifically details the budget and work to be undertaken for Year One. For each subsequent project year, a new Annual Work Plan will be developed and attached to the Work Programme. The Work Programmes and Annual Work Plans form part of your Deed of Funding.

Complete all sections of this Work Programme and Annual Work Plan. We recommend you refer to the *Essential Freshwater Fund – Guide for Recipients* to assist.

This Work Programme template is pre-populated with some of the information you provided in your original project submission. Update this information as required to reflect:

- the current status of your project
- further information and details now be available that were not available previously
- any conditions on funding (refer to the letter you received inviting you to proceed to stage 2).

If you have a questions you can email or phone your assigned analyst at the Ministry.

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SECTION A: Recipient details

1 Organisation details

Check that the information below about your organisation is correct, and update it as required

| | |
|--|---|
| Organisation name | Porirua City Council |
| Trading name (if different) | N/A |
| Physical address <i>Include postcode.</i> | 16 Cobham Court Porirua 5022 |
| Postal address <i>Include postcode.</i> | PO Box 50218 Porirua 5240 |
| Telephone | 04 237 5089 |
| Website address | https://poriruacity.govt.nz/ |
| New Zealand Business Number (NZBN) | 9429041913024 |
| Legal entity status | Territorial Local Authority |

2 Contact details for this project

| | | | |
|--|--|-------------------------|--|
| Recipient's main contact (name and organisation) | Nigel Clarke | Ministry's main contact | Winona Molano |
| Organisation | Porirua City Council | | |
| Email address | 9(2)(a) | Email address | winonabea.molano@mfe.govt.nz |
| Phone | Landline 04 237 1561 Mobile 9(2)(a) | Phone | Mobile 027 249 1175 |
| Postal address | PO Box 50218 Porirua 5240 | Postal address | PO Box 10362, Wellington 6011 |
| Physical address | 16 Cobham Court Porirua 5022 | Physical address | 23 Kate Sheppard Place Pipitea, Wellington 6011 |

SECTION B: Project details

3 Project overview

Check that the information below about your project is correct, and update as required

| | |
|--|--|
| Project name | Te Awarua-o-Porirua - Restoring the mauri of the Porirua Harbour |
| Project purpose | <p>To engage our community in regenerating the waterways around Te Awarua-o-Porirua Catchment, helping to restore the mauri of the streams and harbour.</p> <p>With its waters healthy again, everyone in the district, including Ngāti Toa, the wider community and visitors can enjoy, live and play safely in, on and around streams and the harbour.</p> |
| <p>Project summary <i>Max 100 word summary of the project. This is what will be used for public facing information</i></p> | <p>The key aspects of the project are:</p> <ul style="list-style-type: none"> • An integrated catchment management approach to resolve the complex range of issues. • Riparian management to improve water quality in urban streams (currently at D to E ratings) with a focus on engaging the community in stream management. • Riparian management to improve water quality in rural residential blocks using scaled back on farm plans, subsidised plants and labour for planting. • Scaling up our community and business involvement programme providing active support for stream care and landcare groups through restoration days, planting plans, plant care and maintenance skills programmes which ensure that practical skills can be further developed. |
| How many years will this project run for? | Five years with Essential Freshwater Fund funding. 16 years for the lifetime of the project. |
| Total project cost | \$10,891,094 |
| Total Essential Freshwater Fund contribution | \$3,000,000 |

4 Details of your water body

Check that the information below about your water body is correct, and update it as required

| | | | | | | | | | | |
|---|--|---|--|-------|-------------------------------------|--------------------|--------------------------|--------------|--|--|
| Name and location of water body | Te Awarua-o-Porirua Catchments | | | | | | | | | |
| Type of water body your project applies to | <input checked="" type="checkbox"/> | Harbour and estuaries | <input checked="" type="checkbox"/> | River | <input checked="" type="checkbox"/> | Wetland | <input type="checkbox"/> | Ground water | | |
| | <input type="checkbox"/> | Other (Please specify) | | | | | | | | |
| Please provide the GPS coordinates of your water body | Latitude: -41.103060, Longitude 174.869821 | | | | | | | | | |
| What activities have previously, or are currently, impacting upon water quality and/or quantity? | <p>Ongoing issues facing our waterways can be summarised as:</p> <ul style="list-style-type: none"> • Sediment from farming, sub-divisions, building platforms, major roading projects and stormwater discharge erosion into stream channels. • Contaminants in discharges from farming operations, road surfaces, industrial and residential activities. • Intensive urban and industrial developments causing substantial ecological damage to streams and the harbour. | | | | | | | | | |
| What is the current state of water quality within the waterbody? | <p>The majority of streams in Te Awarua o Porirua harbour catchments are rated as D to E water quality.</p> <p>More information is provided in PCC's 2020 State of the Environment Report Card: The health of our Harbour and Streams.</p> | | | | | | | | | |
| What is the tenure of the land used in the project? | Tenure type | Private land | Council land | QE II | DOC land | Transmission Gully | Link roads | | | |
| <i>Estimated hectares of riparian zone by tenure type where work will be undertaken in this project</i> | <i>Estimated Hectares</i> | KCDC 13 PCC 1389 WCC 213 | PCC 107 GWRC 146 WCC 58 | 19 | 31 | 106 | 2 | | | |

5 Project objectives

| Objective <i>Describe the tangible results your project is trying to achieve.</i> | Key performance indicators (KPIs) <i>KPIs are a measurable value that demonstrates progress towards objectives.</i> | How will you monitor and evaluate the achievement of this objective? <i>How will you measure your progress and demonstrate that the objective has been achieved?</i> | Baseline information <i>Describe the current situation, using the data you have available.</i> | Expected outcome <i>What will change as a result of the objective being met? What will be the benefit?</i> |
|---|---|---|---|--|
| <p>1. By June 2026, have implemented on-the-ground mitigation activities based on the Te Awarua-o-Porirua Catchment Riparian Management Strategy.</p> | <p>Work plans to inform planning of restoration activities will be developed and implemented annually.</p> <p>Engagement plan developed (for rural and urban engagement) for landowners.</p> <p>At least 25 restoration and planting (for on-farm and urban stream reach riparian planting actions) agreements (MOU) are signed with landowners to identify where stock is to be excluded from waterbodies, and where plantings should occur to protect vulnerable areas from erosion.</p> <p>627,790 plants procured and planted over 92.7 hectares of riparian zones in Te Awarua-o-Porirua Catchment.</p> <p>75-80% survival rate of native riparian plants planted.</p> | <p>Annual plans are completed.</p> <p>Signed employment contracts.</p> <p>Completed engagement plan.</p> <p>Signed restoration and planting agreements (MOU's) for rural (farm) and urban properties.</p> <p>Invoices of procured plants.</p> <p>GIS shapefiles (polygons) of completed planting area.</p> <p>Annual measurement of the length of stream enhancement that has been completed.</p> <p>Records of annual pest plant control operations.</p> <p>GIS shapefiles (polygons) of areas where pest plant control completed.</p> | <p>A high-level integrated catchment management plan exists but no individual yearly plans.</p> <p>Programme Manager and Riparian Operation Manager and Programme Coordinator positions do not exist for the project.</p> <p>Combined engagement plan does not exist for the project.</p> <p>We estimate that 10% of banks along in the Porirua catchment are currently in native vegetation.</p> <p>No assessment process to identify priority treatment areas and activities currently exists.</p> <p>A small number of farmers on larger marginal farms have prepared on farm action plans to meet</p> | <p>Native plants will cover the majority of the riparian stream corridor, suppress the growth of weeds, reduce sedimentation entering streams and assist in increasing overall water quality.</p> <p>Increased biodiversity due to plants and shade.</p> <p>Staff will manage the operational delivery of this project.</p> <p>Landowners will have the right tools to make informed land management choices that reflect environmental limits identified in their restoration and planning plans.</p> |

| | | | | |
|---|---|---|---|---|
| | <p>Plant pest control is carried out over 879 ha of the Te Awarua-o-Porirua Catchment.</p> <p>Animal pest control is carried out over 878 ha of the Te Awarua-o-Porirua Catchment.</p> <p>20 km of fencing of stock exclusion fencing is installed within the Te Awarua-o-Porirua Catchment at 3m setback (as per NPS/NES regulations).</p> | <p>GIS shapefiles (polygons) of areas where animal pest control completed.</p> <p>Annual records of Predator Free group and council animal pest control operations.</p> <p>GIS shapefiles (lines) showing locations of installed the newly fence lines.</p> | <p>existing national requirements.</p> <p>Plant pest records show large scale invasion of pest plants across the city.</p> | |
| <p>2. By June 2026, the community and local schools are engaged in the Te Awarua-o-Porirua Catchment project.</p> | <p>Five new Stream care and Landcare groups will be established.</p> <p>27,000 volunteer hours at 10 community planting events.</p> <p>125 school groups involved in Te Awarua-o-Porirua Catchment education programmes.</p> <p>Hold restoration / training days.</p> <p>Up to 6 unemployed placed in employment and trained in riparian management (and horticultural practice).</p> | <p>Records of the number of community meetings to develop care groups.</p> <p>Records of the number of groups and people involved in restoration activities, and the associated volunteer hours.</p> <p>Records of the range of support activities for schools involved with stream and harbour projects.</p> <p>Records of trainees attendance and activities.</p> | <p>There are a small number of active community groups working to restore streams.</p> <p>Groups have had limited support to work effectively in restoring urban and rural streams.</p> <p>On the ground capacity to support schools has been limited.</p> <p>In discussions with the Ministry of Social Development (MSD) to identify people who could be potential candidates. PCC, Sustainable Coastlines and Ngāti Toa will contribute to training. MSD and Partners Porirua will</p> | <p>The number of people wanting help to establish groups reduces as community outreach increases.</p> <p>Groups will feel supported and become more actively engaged in restoration activities.</p> <p>Support that schools require is provided and students are learning about stream and harbour care.</p> <p>Trainees to come out of their employment with sufficient skills to apply for relevant jobs.</p> |

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|--|--|--|--|--|
| | | | also provide training (e.g. driving license). | |
| 3. By June 2026, a mātauranga Māori monitoring and cultural health programme has been established and implemented for the Te Awarua-o-Porirua Catchment. | <p>Report produced on existing Mātauranga Māori monitoring for the Te Awarua-o-Porirua Catchment.</p> <p>Plan and report developed for Mātauranga Māori monitoring.</p> <p>Cultural health assessment is undertaken and indicator framework developed.</p> | <p>Mātauranga Māori monitoring programme has been developed and monitoring is underway.</p> <p>Annual mātauranga Māori monitoring reports are received.</p> <p>Annual reports on cultural health indicators.</p> | <p>A mātauranga Māori monitoring programme including a cultural health indicator framework is in development.</p> | <p>Better understanding of the changes to mātauranga Māori, to terrestrial and aquatic habitats, and to water quality, resulting from the activities undertaken.</p> <p>Increased connection with the catchment by the mana whenua.</p> <p>Traditional knowledge will be grown and shared between generations of mana whenua.</p> <p>By June 2026 this project has supported the district reaching a state of hauora by improving te mauri o te wai.</p> |
| 4. By June 2024, a monitoring framework incorporating citizen science will be established and then implemented to detect changes in water quality and biodiversity values for the Te Awarua-o-Porirua catchment. | <p>Baseline monitoring is undertaken.</p> <p>Monitoring methodology for testing changes in water quality of Te Awarua-o-Porirua Catchment, will be established.</p> <p>Water quality monitoring will be undertaken annually.</p> | <p>The changes in the water quality along Te Awarua-o-Porirua Catchment, will be monitored and assessed through the monitoring methodology.</p> <p>PCC collect baseline water quality data in the lower Te Awarua-o-Porirua Catchments.</p> <p>Annual water quality results.</p> | <p>PCC undertake baseline monitoring of Te Awarua-o-Porirua Catchment for water quality, water quantity, and ecosystem health (macroinvertebrates and habitat assessment).</p> | <p>There will be an increase in the understanding about stream restoration, in order to foster other such projects in the catchment and throughout New Zealand.</p> |

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Develop monitoring and evaluation framework, including citizen science and database requirements.

Prepare engagement plan for Citizen science groups.

A summary report completed by June 2026 to share learnings.

6 How will your project contribute to the Jobs for Nature Focus Area Indicators?

The Essential Freshwater Fund is part of the Government Jobs for Nature Programme. This programme has specific targets and indicators for that will be used to track the impact of the programme. You will report on progress towards your targets over the life of your project. Delete the Metrics and/or Focus Areas that are not relevant to your project

| Focus Area | Metric | Total Project target | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 |
|---|--|--|--------|---------|---------|---------|---------|
| Freshwater restoration | Number of plants planted in riparian or wetland areas | 627,790 | 80,000 | 110,000 | 165,000 | 165,000 | 107,790 |
| | Area (ha) of riparian or wetland planting completed | 92.7 | 11.8 | 16.2 | 24.4 | 24.4 | 15.9 |
| | Length (km) of new fencing constructed and maintenance of existing fencing | 20 | 0 | 2 | 5 | 10 | 3 |
| Urban and rural stream restoration activities | Number of on farm action plans completed | 26 | 2 | 4 | 7 | 8 | 5 |
| | Area (ha) of rural stream margin planting covered by on Farm Plans completed | To be determined with landowners each year and set in the detailed annual work plans | | | | | |

| | | | | | | | |
|---|---|--|-------|--------|--------|--------|--------|
| | Area (ha) of urban stream margins and wetland planting completed | To be determined in each year and set in the annual work plans | | | | | |
| Pest control | Total area (ha) of animal pest control completed | 878 | 175 | 175 | 175 | 175 | 178 |
| | Total area (ha) of plant pest control completed | 879 | 100 | 100 | 175 | 225 | 279 |
| Nature based employment <i>Note – projects must engage with their local MSD labour market manager to support any recruitment needs</i> | Number of people-hours worked in each reporting period | 46,800 | 5,200 | 10,400 | 10,400 | 10,400 | 10,400 |
| | Number of people undertaking formal training in each reporting period (<i>i.e. training leading to a NZQA credit, is part of the contracted work</i>) | 30 | 6 | 6 | 6 | 6 | 6 |

Methodology for Nature based employment

We would prefer you to use direct counts for nature based employment. If you are unable to provide direct figures, please explain below your methodology for calculating nature based employment. Refer to the Nature Based Employment Guidance document for reporting nature-based employment. This provides details to help with jobs reporting.

This was calculated as 30 FTE's over the life of the project multiplied by 1560 hrs/pa (30 hrs/week * 52 weeks year)

Which sectors will most benefit from your project?

Please provide the top 3 economic sectors where employment will be created directly by this project. Use ANZSIC06 (Australian and New Zealand Standard Industrial Classification). If your project will provide employment in more than 3 sectors, state just the top 3.

| Rank | Sector Code and Name | Percentage of nature based employment attributed to sector (estimated) |
|------|--|---|
| | | <i>Note – If your project covers more than 3 sectors, these do not need to equal 100%</i> |
| 1 | R892 Parks and Garden Operations | 85% |
| 2 | AO1 Agriculture AO11 Nursery Production Undercover A011100 | 5% |
| 3 | AO1 Agriculture AO11 Nursery Production Outdoors A011200 | 10% |

7 Activity table and estimated budget for the life of the project

For each objective, list the main tasks/activities that will be undertaken and total estimated costs for the year. All figures should exclude GST.

| Objective | Activity | | | | |
|--|--|--|--|---|---|
| | Year 1 (6 months; Q3 & Q4 2022) | Year 2 | Year 3 | Year 4 | Year 5 |
| 1. By June 2026, have implemented on-the-ground mitigation activities based on the Te Awarua-o-Porirua Catchment Riparian Management Strategy. (Objective 1 total spend \$8,269,194) | Develop and implement the year 1 work plan to inform planning of restoration activities of Te Awarua-o-Porirua Catchments. | Implement year two work plan to inform planning of restoration activities of Te Awarua-o-Porirua Catchments. | Implement year three work plan to inform planning of restoration activities of Te Awarua-o-Porirua Catchments. | Implement year four work plan to inform planning of restoration activities of Te Awarua-o-Porirua Catchments. | Implement year five work plan to inform planning of restoration activities of Te Awarua-o-Porirua Catchments. |
| | Develop the year 2 work plan to inform planning of restoration activities of Te Awarua-o-Porirua Catchments. | Develop the year 3 work plan to inform planning of restoration activities of Te Awarua-o-Porirua Catchments. | Develop the year 4 work plan to inform planning of restoration activities of Te Awarua-o-Porirua Catchments. | Develop the year 5 work plan to inform planning of restoration activities of Te Awarua-o-Porirua Catchments | |
| | Employ Riparian Programme Manager | Annual review of Riparian Management Programme Manager contract | Annual review of Riparian Management Programme Manager contract | Annual review of Riparian Management Programme Manager contract | Annual review of Riparian Management Programme Manager contract |
| | Employ Riparian Operations Manager (located at PCC) | Annual review for the Riparian Operations Manager (located at PCC) | Annual review for the Riparian Operations Manager (located at PCC) | Annual review for the Riparian Operations Manager (located at PCC) | Annual review for the Riparian Operations Manager (located at PCC) |
| | Employ Riparian Operations Coordinator (located at Sustainable Coastlines) | Annual review of Riparian Operations Coordinator contract | Annual review of Riparian Operations Coordinator contract | Annual review of Riparian Operations Coordinator contract | Annual review of Riparian Operations Coordinator contract |
| | Develop landowner engagement plan and begin | Review and implement landowner engagement | Review and implement landowner engagement | Review and implement landowner engagement | Review and implement landowner engagement |

| consultation with landowners and communities | plan and consult with landowners and communities | plan and consult with landowners and communities | plan and consult with landowners and communities | plan and consult with landowners and communities |
|--|--|--|--|--|
| Engage with at least five landowners to develop and implement restoration and planting plans (on-farm and urban stream reach riparian planting actions) identifying where stock is to be excluded from waterbodies, and where plantings should occur to protect vulnerable areas from erosion. | Engage with at least five landowners to develop and implement restoration and planting plans (on-farm and urban stream reach riparian planting actions) identifying where stock is to be excluded from waterbodies, and where plantings should occur to protect vulnerable areas from erosion. | Engage with at least five landowners to develop and implement restoration and planting plans (on-farm and urban stream reach riparian planting actions) identifying where stock is to be excluded from waterbodies, and where plantings should occur to protect vulnerable areas from erosion. | Engage with at least five landowners to develop and implement restoration and planting plans (on-farm and urban stream reach riparian planting actions) identifying where stock is to be excluded from waterbodies, and where plantings should occur to protect vulnerable areas from erosion. | Engage with at least five landowners to develop and implement restoration and planting plans (on-farm and urban stream reach riparian planting actions) identifying where stock is to be excluded from waterbodies, and where plantings should occur to protect vulnerable areas from erosion. |
| Engage contractors to procure and plant 80,000 plants over 11.8 ha of Te Awarua-o-Porirua Catchment. | Engage contractors to procure and plant 110,000 plants over 16.2 ha of Te Awarua-o-Porirua Catchment. | Engage contractors to procure and plant 165,000 plants over 24.4 ha of Te Awarua-o-Porirua Catchment. | Engage contractors to procure and plant 165,000 plants over 24.4 ha of Te Awarua-o-Porirua Catchment. | Engage contractors to procure and plant 107,790 plants over 15.9 ha of Te Awarua-o-Porirua Catchment. |
| | Engage contractors to survey previous years plantings (aiming for 75-80% Survival rate) | Engage contractors to survey previous years plantings (aiming for 75-80% Survival rate) | Engage contractors to survey previous years plantings (aiming for 75-80% Survival rate) | Engage contractors to survey previous years plantings (aiming for 75-80% Survival rate) |
| Engage contractors to undertake plant pest control over 100 ha of Te Awarua-o-Porirua Catchment | Engage contractors to undertake plant pest control over 100 ha of Te Awarua-o-Porirua Catchment | Engage contractors to undertake plant pest control over 175 ha of Te Awarua-o-Porirua Catchment | Engage contractors to undertake plant pest control over 225 ha of Te Awarua-o-Porirua Catchment | Engage contractors to undertake plant pest control over 279 ha of Te Awarua-o-Porirua Catchment |
| Engage contractors to undertake animal pest control over 175 ha of Te Awarua-o-Porirua Catchment | Engage contractors to undertake animal pest control over 175 ha of Te Awarua-o-Porirua Catchment | Engage contractors to undertake animal pest control over 175 ha of Te Awarua-o-Porirua Catchment | Engage contractors to undertake animal pest control over 175 ha of Te Awarua-o-Porirua Catchment | Engage contractors to undertake animal pest control over 178 ha of Te Awarua-o-Porirua Catchment |

| | | | | | |
|--|---|--|--|---|--|
| | Apply for resource consents, as required | Apply for resource consents, as required | Apply for resource consents, as required | Apply for resource consents, as required | Apply for resource consents, as required |
| | | Engage contractors to construct at least 2km of stock exclusion fencing is installed in the Te Awarua-o-Porirua Catchment at 3m setback (as per NPS/NES regulations) | Engage contractors to construct at least 5km of stock exclusion fencing is installed in the Te Awarua-o-Porirua Catchment at 3m setback (as per NPS/NES regulations) | Engage contractors to construct at least 10km of stock exclusion fencing is installed in the Te Awarua-o-Porirua Catchment at 3m setback (as per NPS/NES regulations) | Engage contractors to construct at least 3km of stock exclusion fencing is installed in the Te Awarua-o-Porirua Catchment at 3m setback (as per NPS/NES regulations) |
| 2. By June 2026, the community and local schools are engaged in the Te Awarua-o-Porirua Catchment project. (Objective 2 total spend \$638,550) | Prepare community care group engagement plan for the establishment of at least 1 volunteer group | At least 1 new Stream care and/or Landcare group will be established | At least 1 new Stream care and/or Landcare group will be established | At least 1 new Stream care and/or Landcare group will be established | At least 1 new Stream care and/or Landcare group will be established |
| | Develop wrap around support package for volunteer groups (e.g. Health and Safety planning and teaching restoration techniques) | Annual review of support package for volunteer groups (e.g. Health and Safety) | Annual review of support package for volunteer groups (e.g. Health and Safety) | Annual review of support package for volunteer groups (e.g. Health and Safety) | Annual review of support package for volunteer groups (e.g. Health and Safety) |
| | Develop school educational and support package to deliver to 25 school groups encouraging practical involvement in riparian management activities | Deliver educational programmes to 25 school groups encouraging practical involvement in riparian management activities | Deliver educational programmes to 25 school groups encouraging practical involvement in riparian management activities | Deliver educational programmes to 25 school groups encouraging practical involvement in riparian management activities | Deliver educational programmes to 25 school groups encouraging practical involvement in riparian management activities |
| | Hold two community planting events totalling 5,400 volunteer hours. | Two community planting events totalling 5,400 volunteer hours held per year. | Two community planting events totalling 5,400 volunteer hours held per year. | Two community planting events totalling 5,400 volunteer hours held per year. | Two community planting events totalling 5,400 volunteer hours held per year. |

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| | Employ up to 6 unemployed young people and train them in riparian management (and horticultural practice). | Work with MSD and other relevant organisations to engage up to 6 trainees. | Work with MSD and other relevant organisations to engage up to 6 trainees. | Work with MSD and other relevant organisations to engage up to 6 trainees. | Work with MSD and other relevant organisations to engage up to 6 trainees. |
| 3. By June 2026, a mātauranga Māori monitoring and cultural health programme has been established and implemented for the Te Awarua-o-Porirua Catchments. (Objective 3 total spend \$237,200) | Baseline report produced on existing Mātauranga Māori monitoring for the Te Awarua-o-Porirua Catchment | | | | |
| | Ngāti Toa iwi to develop Mātauranga Māori monitoring methodology and cultural health indicator programme. | Mātauranga Māori monitoring and cultural health indicator programme is undertaken annually. | Mātauranga Māori monitoring and cultural health indicator programme is undertaken annually. | Mātauranga Māori monitoring and cultural health indicator programme is undertaken annually. | Mātauranga Māori monitoring and cultural health indicator programme is undertaken annually. |
| | Annual reporting on Mātauranga Māori monitoring and cultural health assessment. | Annual reporting on Mātauranga Māori monitoring and cultural health assessment. | Annual reporting on Mātauranga Māori monitoring and cultural health assessment. | Annual reporting on Mātauranga Māori monitoring and cultural health assessment. | Annual reporting on Mātauranga Māori monitoring and cultural health assessment. |
| 4. By June 2024, a monitoring framework incorporating citizen science will be established to detect changes in water quality and biodiversity values for the Te Awarua-o-Porirua catchments. (Objective 4 total spend \$730,650) | Define baseline monitoring sites. Prepare baseline monitoring report. | Undertake annual monitoring to determine water quality. | Undertake annual monitoring to determine water quality. | Undertake annual monitoring to determine water quality. | Undertake annual monitoring to determine water quality. |
| | Develop monitoring and evaluation framework, including citizen science and database requirements. | Determine gaps in monitoring programme and assess requirements for establishing programmes and managing data. | Review programme to ensure databases meet requirements. | Begin data analytics programme. | State of the environment report card completed. |
| | Prepare engagement plan for Citizen science groups. | Undertake citizen science project training for groups. | Evaluate progress with citizen science programme. | Support groups in the field and monitor data quality. | Biodiversity values report card completed and community citizen science report prepared. |

| | | | | | |
|--|---|---|---|---|--|
| 5. Miscellaneous activities (Objective 5 total spend \$1,015,500) | Co-design and establish Co-Governance Group. | | | | |
| | Hold two Governance Group meetings | Hold four Governance Group meetings | Hold four Governance Group meetings | Hold four Governance Group meetings | Hold four Governance Group meetings |
| | Establish Technical Advisory Group (TAG) and hold meetings as required | Hold TAG meetings as required. | Hold TAG meetings as required. | Hold TAG meetings as required. | Hold TAG meetings as required. |
| | Establish project team and hold monthly partner meetings. | Hold monthly partner meetings. | Hold monthly partner meetings. | Hold monthly partner meetings. | Hold monthly partner meetings. |
| | Develop and deliver a Communications and Engagement Action Plan | Annual review and delivery of the Communications and Engagement Action Plan | Annual review and delivery of the Communications and Engagement Action Plan | Annual review and delivery of the Communications and Engagement Action Plan | Annual review and delivery of the Communications and Engagement Action Plan |
| | Submit draft annual work plan for next financial year submitted to the Ministry for the Environment by 30 April 2022. | Draft annual work plan for next financial year submitted to the Ministry for the Environment by 30 April 2023 | Draft annual work plan for next financial year submitted to the Ministry for the Environment by 30 April 2024 | Draft annual work plan for next financial year submitted to the Ministry for the Environment by 30 April 2025. | |
| | Complete Ministry for the Environment reporting requirements | Complete Ministry for the Environment reporting requirements | Complete Ministry for the Environment reporting requirements | Complete Ministry for the Environment reporting requirements | Complete Ministry for the Environment reporting requirements |
| | | Annual independent financial audit completed and provided to the Ministry of the Environment by 31 October 2022. \$10,000 | Annual independent financial audit completed and provided to the Ministry of the Environment by 31 October 2023. \$10,000 | Annual independent financial audit completed and provided to the Ministry of the Environment by 31 October 2024. \$10,000 | Annual independent financial audit completed and provided to the Ministry of the Environment by 31 October 2025 and 30 June 2026, respectively. \$20,000 |
| | Hold biannual partner and stakeholder briefings. | Hold biannual partner and stakeholder briefings. | Hold biannual partner and stakeholder briefings. | Hold biannual partner and stakeholder briefings. | Hold biannual partner and stakeholder briefings. |

| | | | | | |
|--|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| | Administration and consumables. | Administration and consumables. | Administration and consumables. | Administration and consumables. | Administration and consumables. |
| Total estimated budget | \$1,694,600 | \$2,016,100 | \$2,588,650 | \$2,588,650 | \$2,003,094 |
| Estimated budget attributed to Nature Based Employment | | | | | |
| <i>Of the budget above, provide an estimate of how much funding will be allocated to nature based employment</i> | | | | | |
| Funding from estimated budget attributed to nature based employment | \$506,500 | \$574,000 | \$574,000 | \$574,000 | \$574,000 |

SECTION C: Resources and capability

8 Funding Information

List all sources of income for the duration of your project, including cash contributions from your organisation, co-funding from external sources and the maximum amount approved from the Essential Freshwater Fund. Please state where external funding is 'in-kind'.

| | Year 1 (6 months; Q3 & Q4 2022) | Year 2 | Year 3 | Year 4 | Year 5 | Total |
|--|------------------------------------|-------------|-------------|-------------|-------------|-------------|
| Your organisation's cash contribution to the project | \$481,000 | \$1,081,000 | \$1,081,000 | \$1,081,000 | \$1,081,000 | \$4,805,000 |
| PCC in-kind | \$530,000 | \$530,000 | \$530,000 | \$557,600 | \$590,494 | \$2,738,094 |
| Sustainable Coastlines Co-Funding (cash) | 9(2)(f)(iv) | | | | | |
| Sustainable Coastlines (in-kind) | | | | | | |

| | | | | | | |
|--|------------------------|-------------|-------------|-------------|-------------|--------------|
| WWF Co-funding (cash) | 9(2)(f)(iv) | | | | | |
| EFF contribution approved amount under this Deed of Funding | \$600,000 ¹ | \$318,500 | \$887,050 | \$904,450 | \$290,000 | \$3,000,000 |
| Total cost of project | \$1,694,600 | \$2,016,100 | \$2,588,650 | \$2,588,650 | \$2,003,094 | \$10,891,094 |
| EFF contribution under the Deed of Funding as % of total project costs (for office use only) | 35.41% | 15.80% | 34.27% | 34.94% | 14.48% | 27.55% |

9 What is the status of external funding?

If any of the funding for your project is not yet confirmed, please provide a summary of how much is 'pending' and when you expect this to be secured. Where funding for multi-year projects is not confirmed, please describe a plausible pathway to securing the additional income required.

9(2)(f)(iv)

¹ Includes \$100,000 from Deed of Contribution #24591.

10 Partnership and collaboration

Provide details of organisations that you will be partnering with in the delivery of this project. Please outline the nature of each of the partner's involvement and what they will contribute to the successful delivery of the project.

| Organisation name | Contact details <i>Name, phone number and email</i> | Details of involvement or collaboration <i>For example, contribution of funding or resources, involvement in decision-making, responsibility for delivering a component of the project.</i> |
|---------------------------------|--|--|
| Porirua City Council | Nigel Clarke 9(2)(a) 9(2)(a) | Project lead |
| Ngāti Toa | Naomi Solomon 9(2)(a) | Project governance and iwi involvement |
| Sustainable Coastlines | Camden Howitt 9(2)(a) | Community group engagement, schools' education delivery, project management, urban stream restoration via community planting days, litter monitoring programme & training |
| Wellington City Council | Anita Benbrook 9(2)(a) | Community planting and support in Porirua stream catchment (WCC revegetation budget) |
| Wellington Water and Kainga Ora | Robbie Woods (KO) 9(2)(a) Mohammed Hassan (WWL) | Stormwater and waste-water network changes and Streamside restoration - Porirua East catchments |

| | | |
|-------------------------------------|--|---|
| | 9(2)(a) [redacted] [redacted] Fraser Clark (WWL) 9(2)(a) [redacted] | |
| Greater Wellington Regional Council | Lisa Young 9(2)(a) [redacted] [redacted] | Science support and rural riparian contributions |
| Department of Corrections | TBA – contacts moved | Engagement and upskilling of community work parties through restoration activities. |
| Kiwi Rail | Lisa Li, Marketing Associate | Planning and access for transport corridors. |
| Ministry of Social Development | Gaugau Annandale-Stone | Employment and training programme delivery |
| Friends of Tawa Bush | Gary Beathcroft 9(2)(a) [redacted] [redacted] | Community hub for groups in Porirua stream catchment |
| Porirua Harbour Trust | Michael Player 9(2)(a) [redacted] | Liaison meetings between education providers covering 37 schools |
| Guardians of Pauatahanui Inlet | Lindsey Gow 9(2)(a) [redacted] [redacted] | Community development support |
| World Wildlife Fund | Arona Spinks | Mātauranga Māori programme development and Porirua stream restoration |

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| | | |
|-------------|--|--|
| | 9(2)(a) [Redacted] | |
| ESR | Virginia Baker 9(2)(a) [Redacted] | Mātauranga Māori programme development, research advisory |
| GNS Science | Malcom Arnot 9(2)(a) [Redacted] 9(2)(a) [Redacted] | Mātauranga Māori programme development, sedimentation research and iwi capacity building |
| Hirepool | Gary Richardson | In kind support for community events |
| KwikNEzy | Gene Jouval | In kind support for community events |
| ANZ | Peter Parussini, EGM Public, Consumer and Govt Affairs | Co funding |

| 11 Project team | | | |
|---|----------------------|---|--------------------|
| <i>Provide details of your project team and confirmation of their availability for the duration of the project. Please provide details for your project manager in the first row.</i> | | | |
| Name | Organisation | Role in project | 9(2)(a) [Redacted] |
| Nigel Clarke | Porirua City Council | Project manager | [Redacted] |
| Brian Thomas | Porirua City Council | Programme Manager | [Redacted] |
| TBA | Porirua City Council | Operations Manager | [Redacted] |
| Ben Fountain | Porirua City Council | Flood management and stormwater engineering | [Redacted] |

| | | |
|------------------|-------------------------|-----------------------------------|
| Camden Howitt | Sustainable Coastlines | Programme Strategy/Development |
| Holly Cole | Sustainable Coastlines | Funding and reporting |
| Dan Downing | Sustainable Coastlines | Love Your Water Programme Manager |
| Jemma Hovelmeier | Sustainable Coastlines | Programme Coordinator |
| TBA | Sustainable Coastlines | Programme Coordinator |
| Mohammed Hassan | Wellington Water | Stormwater engineering |
| Mark Hammond | Porirua City Council | Parks operations |
| Robert McClean | Ngāti Toa | Mātauranga Māori |
| Anita Benbrook | Wellington City Council | Parks and biodiversity |

9(2)(a)

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12 Governance and management structure

Project governance

Describe the governance structure/s that will be implemented to ensure monitoring and management of performance and effective decision-making occurs. Include information on members of the governance group and their skills.

Standard project management structure will be put in place

Project sponsor

PCC Project sponsor (Deputy CE and General Manager, Infrastructure Andrew Dalziel)

Project Governance group (will meet biannually)

The below is indicative only, pending the co-design process to establish the Co-Governance Group.

- General Manager, Infrastructure, PCC Andrew Dalziel
- General Manager, Policy and Regulatory Services, PCC Nic Etheridge
- General Manager, Treaty and Strategic Relationships, Ngāti Toa Naomi Solomon
- Other representatives of Ngāti Toa, as determined by structure
- Programme Director, Sustainable Coastlines Camden Howitt
- General Manager, Strategy and Planning, Wellington Water Limited Julie Alexander

The project Co-Governance Group Chair (or Co-Chair, pending structure) reports to the Executive Management Team at Porirua City Council. This project is now considered a major project for Council, which means strengthened reporting and accountability measures are in place.

The General Manager, Treaty and Strategic Relationships, Ngāti Toa, reports to the rūnanga.

Project governance structure, roles and decision-making processes will be determined through a participatory, facilitated process.

The structure could be tiered, with project management, PCC integration and technical advisory groups meeting regularly and working with the Chair/Co-Chairs to bring information to the Co-Governance group for decision making.

Project lead

Riparian Management Programme Manager

Project team

A core team has been established which has representatives from all partners. The team is made up of operational staff from Sustainable Coastlines, Ngāti Toa PCC Harbour and Catchments and Climate Change, WCC and PCC Parks and Wellington Water. In addition to operational delivery, the team will be responsible for landowner engagement, volunteer management and business and school involvement.

| | |
|--|--|
| | <p>PCC project integration team</p> <p>A team has also been established to ensure the project is well-integrated across PCC and includes senior staff from Communications, District Planning, Finance, Project Management Office, Consenting, Event management and Transport.</p> <p>Technical Support team</p> <p>Technical advice will be necessary for parts of the project. Advice will be provided from PCC engineers, Greater Wellington science and flood protection teams, Citizen Science – NIWA, ESR and Mountains to Sea staff.</p> |
| <p>Managing funds</p> <p><i>Provide information about how you will manage the project funds. Include information about how you will procure goods and services, approve payments, and monitor and address budget overspend.</i></p> | <p>Council has policy and procedures in place for all project management, financial management and procurement.</p> <p>Funds will be managed through the Council Finance team. An account manager (one of the team of financial accounts) will be responsible for budget management, budget reporting, accounts payable and accounts receivable.</p> <p>The project manager will be responsible for working with the account manager to ensure up to date budget reporting is provided both to management at Porirua City Council and through to the Funds team at the Ministry.</p> <p>All procurement is required to meet Council's Procurement Policy which is a guide to meet section 14 of the Local Government Act. The Policy sets out requirements on Council employees and contractors to enable transparent and fair procurement, reflecting good governance and financial management. Council has comprehensive procurement procedures for all contracts.</p> <p>Procurement for this project will have oversight from Council's Procurement Office.</p> <p>As a major project, the project must meet stringent reporting requirements to the Executive Management Team and there is oversight from the Risk Assurance Manager.</p> |

| | |
|--|--|
| <h3>13 Health and safety</h3> | |
| <p><i>It is important that you have the necessary health and safety policies, plans, resources and expertise to safely undertake and complete the project. You must comply at all times with the requirements and provisions of the Health and Safety at Work Act 2015 (HSWA).</i></p> | |
| <p>Does your organisation have a health and safety plan?</p> | <p><input checked="" type="checkbox"/> Yes, with continuous improvement procedures <input type="checkbox"/></p> <p>Updated 28 January 2020</p> <p>Next review 1 January 2022</p> |
| <p>Has your organisation been issued with any notices under health and safety legislation?</p> | <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> |

| | |
|---|--|
| <p>Who will be responsible for health and safety for the project?</p> <p><i>Please state name, organisation and job title</i></p> | <p>Our overall plan is set into our internal management system, managed by Angela Kimmins, Principal Advisor, Health and Safety. This is prepared as part of the Deed of Contribution and will be provided to the Ministry on 29 November 2021.</p> <p>All health and safety matters are reported and monitored by the health and safety team and reported to the Chief Executive and Executive Leadership Team each week.</p> |
|---|--|

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14 Risk management

Provide a brief description of the major risks to the project achieving the intended outcomes. Include consideration of potential barriers that may pose a risk to the success of the project. Where possible give an indication of the likelihood and consequence of the risk and any mitigation strategies to be included in the project.

| Potential risk <i>Identify the potential risk to your project</i> | Likelihood of risk occurring <i>Low, medium or high.</i> | Consequence on project <i>Minor, moderate or severe.</i> | Impact on project <i>Describe the impact the risk would have on the project if it occurred</i> | Strategy to mitigate <i>Describe what will be done to minimise and/or manage the risk</i> |
|--|--|--|--|--|
| Riparian management project funding from corporate sponsors is lost. | Medium | Severe | The pace of activity necessary to obtain better water quality will be substantially reduced. | Carefully worked through partner discussions. Baseline funding in place to allow a much longer timeframe for project implementation. |
| Existing groups not willing to engage - Ongoing dissatisfaction with Council or unwillingness to volunteer. | Low | Minor | Will negatively affect the behavioural changes necessary to improve water quality outcomes. (Community partnerships are necessary if water quality outcomes are to be embedded through enduring behaviour changes. Active support from the community is essential.) | Progressively put in place a programme to work with existing groups and explore opportunities to develop new groups. Work with businesses in Porirua to develop a corporate assistance programme. |
| Low participation in the citizen science programme results in a lack of data to evaluate and report on harbour and stream health and success or otherwise of initiatives | Medium | Medium | Data gaps will remain and costly alternatives to obtain information will have to be considered. | Work with WCC and GW to design and implement an alternative monitoring programme. |
| Mātauranga Māori programme development progresses slowly as a result of staff and skill shortages in Ngati Toa. | Medium | Medium | Progress with monitoring framework and cultural health indicators affects monitoring programme. | Seek contributions and support from other Mātauranga Māori programme leads in New Zealand. |

| | | | | |
|--|--------|--------|---|--|
| Landowners in some rural areas unwilling to participate. | Medium | Major | High priority reaches remain a large source of sediment inflow to streams Sediment levels continue unabated. | Implement communications and engagement plan and plan alternate priority areas and establish catchment care groups to assist in communicating requirements. |
| Fencing costs become a prohibitive barrier for landowners. | High | Major | Riparian planting in rural areas becomes untenable – fencing is required for areas to planting. If costs for fencing are too high, riparian planting cannot take place. | Council sources extra fencing funding and subsidises material costs. Jobs for nature employees undertake fencing. |
| Developer, landowners or utility companies damage stream banks or create private stormwater networks that damage streams and do not comply with rules. Growth continues apace and compliance resources are stretched further. | Medium | Major | Sediment levels continue unabated. | Provide a comprehensive educational approach to help people understand rules on earthworks and contaminants and enforce rules where people will not comply. Prosecute and publicise the result, provide further information for those involved with earthworks. |
| Significant weed infestations substantially increase the cost of weed control. | Medium | Major | Planting seasons affected as site preparation activity slows. | Use jobs for nature teams to focus on site preparation during winter. Source extra funding for weed control. |
| Problems getting consents or landowner permissions in a timely manner. | Medium | Medium | Work requiring consent or permission slowed or stopped. | Robust project management and an internal integration team at PCC in place to ensure adequate timing and capacity to obtain consents. Consistent landowner engagement and support to grow trust and facilitate permissions. |
| COVID-19 interruption to work programme. | Medium | High | Delivery of the project within the timeframe identified. | Identify works that can be progressed within each alert level restrictions, and postponement of |

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| | | | | |
|--|---------------|---------------|--|--|
| | | | | <p>project works outside of the restrictions of the alert level.</p> <p>Regular review of work programme in relation to COVID-19 situation.</p> |
| <p>Drought / climatic conditions could reduce survival rates of plants and result in landowner disengagement due to potential risk of failure.</p> | <p>Medium</p> | <p>Medium</p> | <p>Potential delays to work if low plant survival rates result in landowner disengagement.</p> | <p>Ensure communication and engagement plan advise landowners about potential risks involved and have appropriate mitigation strategies in place to manage plant loss.</p> |
| <p>Progress could be limited due to a lack of labour, fencing contractors, plants, animal and plant pest control materials, contractors. With national rules around for example stock exclusion, demand for services supporting these works will increase.</p> | <p>High</p> | <p>High</p> | <p>Potential hindrance on ability to deliver the proposed project within the timeframe identified through lack of resources.</p> | <p>Ensure early procurement and engagement of contractors.</p> |

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SECTION D: Year 1 Annual Work Plan

15 Project key tasks/activities for this financial year

List the main tasks/activities that will be undertaken during this financial year (refer to your table 7). The achievement of these tasks and activities will be a primary measure for evaluating the project's success. Note that the costs detailed here will be transferred onto your budget spreadsheet for this financial year.

| Objectives | YEAR 1 Project tasks/activities | Deliverables | YEAR 1 Estimated budget | | |
|---|---|--|-------------------------|--|--------------|
| | | | EFF contribution | Contribution from external sources (including your organisation) | TOTAL Budget |
| 1. By June 2026, have implemented on-the-ground mitigation activities based on the Te Awarua-o-Porirua Catchment Riparian Management Strategy. (Objective 1 total spend \$1,213,900) | 1.1 Develop and implement the year 1 work plan to inform planning of restoration activities of Te Awarua-o-Porirua Catchments | 1.1.1 Copy of the year 1 work plan | \$0.00 | \$150,700 | \$150,700 |
| | 1.2 Develop the year 2 work plan to inform planning of restoration activities of Te Awarua-o-Porirua Catchments | 1.2.1 Copy of the year 2 work plan | \$0.00 | \$18,700 | \$18,700 |
| | 1.3 Employ Riparian Management Programme Manager | 1.3.1 Copy of the Riparian Management Programme Managers contract | 9(2)(f)(iv) | | |
| | 1.4 Employ Riparian Operations Manager (located at PCC) | 1.4.1 Copy of the Riparian Operations Managers (located at PCC) contract | | | |

9(2)(f) provided under Deed of Contribution #24591.
(i)

| | | | | | |
|--|--|--|-------------|----------|----------|
| | 1.5 Employ Riparian Operations Coordinator (located at Sustainable Coastlines) | 1.5.1 Copy of the Riparian Operations Managers (located at Sustainable Coastlines) contract | 9(2)(f)(iv) | | |
| | 1.6 Develop landowner engagement plan and begin consultation with landowners and communities | 1.6.1 Copy of the engagement plans, records of consultation. | \$0.00 | \$17,780 | \$17,780 |
| | 1.7 Engage with at least five landowners to develop and implement restoration and planting plans (on-farm and urban stream reach riparian planting actions) identifying where stock is to be excluded from waterbodies, and where plantings should occur to protect vulnerable areas from erosion. | 1.7.1 Copies of MOU agreements with landowners 1.7.2 Copies of restoration and planting plans (on-farm and urban stream reach riparian planting actions) identifying where stock is to be excluded from waterbodies, and where plantings should occur to protect vulnerable areas from erosion. | \$0.00 | \$22,420 | \$22,420 |
| | 1.8 Engage contractors to procure and plant 60,000 plants over 11.8 ha of Te Awarua-o-Porirua Catchment. | 1.8.1 Copy of procurement order for 60,000 plants 1.8.2 Copy of contract engaging planting contractors 1.8.3 GIS shapefile (polygons) of area where plants planted 1.8.4 Copies of planting maintenance schedules | 9(2)(f)(iv) | | |
| | 1.9 Engage contractors to undertake plant pest control over 100 ha of Te Awarua-o-Porirua Catchment | 1.9.1 Copy of contract engaging pest plant control contractors 1.9.2 GIS shapefile (polygons) of area where pest plant control undertaken | 9(2)(f)(iv) | | |

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|--|---|---|-----------------------|---------|----------|
| | 1.10 Engage contractors to undertake animal pest control over 175 ha of Te Awarua-o-Porirua Catchment | 1.10.1 Copy of contract engaging animal pest control contractors | 9(2)(f)(iv) | | |
| | | 1.10.2 GIS shapefile (polygons) of area where animal pest control | | | |
| | 1.11 Apply for resource consents as required | 1.11.1 Copies of required resource consents | \$0.00 | \$4,500 | \$4,500 |
| | 1.12 Engage technical consultants (Sustainable Coastlines and Ngati Toa) | 1.12.1 Engage consultants for technical advice | 9(2)(f)(iv) | | |
| | | | | | |
| | 1.13 Workshops to establish programme | 1.13.1 Hold four workshops/hui to set the five year work programme | \$3,000 ⁴ | \$0.00 | \$3,000 |
| | 1.14 Hold Governance meetings | 1.14.1 Hold four governance meetings | \$2,000 ⁵ | \$0.00 | \$2,000 |
| | 1.15 Plant deposits and site preparation | 1.15.1 Pre order and pay deposits for 20,000 plants and site preparation | \$25,000 ⁶ | \$0.00 | \$25,000 |
| | 1.16 Development of Work programme Project and Annual Plan for year 1 | 1.16.1 Develop and complete Work Programme for the Project and Annual Work Plan for Year 1 of the project | \$10,000 ⁷ | \$0.00 | \$10,000 |
| | 1.17 Development of Health and Safety Plan | 1.17.1 Complete Health and Safety Plan for the project | \$5,000 ⁸ | \$0.00 | \$5,000 |

9(2)(f)(iv) provided under Deed of Contribution #24591.

⁴ \$3,000 provided under Deed of Contribution #24591.

⁵ \$2,000 provided under Deed of Contribution #24591.

⁶ \$25,000 provided under Deed of Contribution #24591.

⁷ \$10,000 provided under Deed of Contribution #24591.

⁸ \$5,000 provided under Deed of Contribution #24591.

| | | | | | |
|--|--|--|--------|----------|---------------------|
| <p>2. By June 2026, the community and local schools are engaged in the Te Awarua-o-Porirua Catchment project.</p> <p>(Objective 2 total spend \$108,750)</p> | <p>2.1 Prepare community care group engagement plan for the establishment of at least 1 volunteer group</p> | <p>2.1.1 Records of community meetings held</p> <p>2.1.2 Copies of newly established volunteer group MOU's</p> | \$0.00 | \$36,350 | \$36,350 |
| | <p>2.2 Develop wrap around support package for volunteer groups (e.g. Health and Safety planning and teaching restoration techniques)</p> | <p>2.2.1 Copy of the wrap around package plan designed to support the volunteer groups</p> | \$0.00 | \$32,000 | \$32,000 |
| | <p>2.3 Develop school educational and support package to deliver to 25 school groups encouraging practical involvement in riparian management activities</p> | <p>2.3.1 Copy of the educational package designed to support school groups encouraging practical involvement in riparian management activities</p> <p>2.3.2 Record of school group engagement and activities undertaken.</p> | \$0.00 | \$23,900 | \$23,900 |
| | <p>2.4 Hold two community planting events totalling 5,400 volunteer hours.</p> | <p>2.4.1 Copies of advertising for community planting days</p> <p>2.4.2 Records of attendance</p> <p>2.4.3 Photos from community planting days</p> | \$0.00 | \$16,500 | \$16,500 |
| | <p>2.5 Employ up to 6 unemployed young people and train them in riparian management (and horticultural practice).</p> | <p>2.5.1 Records of trainees attendance</p> <p>2.5.2 Records of training activities</p> | \$0.00 | \$0.00 | \$0.00 ⁹ |

⁹ A predetermined budget cannot be put in place until all the formal arrangements with relevant organisations (including MSD) are in place. Notwithstanding, provisions have already been made to support trainees in the plant budget (Activity 1.8).

| | | | | | |
|--|--|--|-------------|----------|----------|
| <p>3. By June 2026, a mātauranga Māori monitoring and cultural health programme has been established and implemented for the Te Awarua-o-Porirua Catchments.</p> <p>(Objective 3 total spend \$46,000)</p> | <p>3.1 Report produced on existing Mātauranga Māori monitoring for the Te Awarua-o-Porirua Catchment</p> | <p>3.1.1 Copy of report identifying existing Mātauranga Māori monitoring for the Te Awarua-o-Porirua catchment</p> | \$0.00 | \$0.00 | \$0.00 |
| | <p>3.2 Ngāti Toa iwi to develop Mātauranga Māori monitoring methodology and cultural health indicator programme.</p> | <p>3.2.1 Records of meetings and workshops to prepare the methodology</p> <p>3.2.2 Summary of the finalised mātauranga Māori methodology (approved by whānau members, Marae Trustees).</p> | \$0.00 | \$46,000 | \$46,000 |
| | <p>3.3 Annual reporting on Mātauranga Māori monitoring and cultural health assessment.</p> | <p>3.3.1 Copy of annual report</p> | \$0.00 | \$0.00 | \$0.00 |
| <p>4. By June 2024, a monitoring framework incorporating citizen science will be established to detect changes in water quality and biodiversity values for the Te Awarua-o-Porirua catchments.</p> <p>(Objective 4 total spend \$132,450)</p> | <p>4.1 Define baseline monitoring sites. Prepare baseline monitoring report.</p> | <p>4.1.1 Copy of the baseline monitoring contract(s)</p> | 9(2)(f)(iv) | | |
| | | <p>4.1.2 Copy of baseline monitoring report</p> | | | |
| | <p>4.2 Develop monitoring and evaluation framework, including citizen science and database requirements</p> | <p>4.2.1 Copy of monitoring and evaluation framework contract(s)</p> | 9(2)(f)(iv) | | |
| | | <p>4.2.2 Summary of the finalised monitoring methodology.</p> | | | |
| | <p>4.3 Prepare engagement plan for Citizen science groups.</p> | <p>4.3.1 Copy of engagement plan contract for Citizen science groups.</p> | 9(2)(f)(iv) | | |
| | | <p>4.3.2 Copy of engagement plan for Citizen science groups</p> | | | |

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|--|---|---|-------------|----------|----------|
| 5. Miscellaneous activities (Objective 5 total spend \$193,500) | 5.1 Co-design and establish Co-Governance Group. | 5.1.1 Copy of related co-design and establishment contract(s) 5.1.2 Copy of signed Terms of Reference. | 9(2)(f)(iv) | | |
| | 5.2 Hold two Co-Governance Group meetings | 5.2.1 Copy of invoices for holding Co-governance Group meeting costs 5.2.2 Copy of the minutes from the meetings of the Project Co-Governance Group. | \$0.00 | \$28,100 | \$28,100 |
| | 5.3 Establish Technical Advisory Group (TAG) and hold meetings as required | 5.3.1 Copy of signed Terms of Reference | \$0.00 | \$7,500 | \$7,500 |
| | 5.4 Establish project team and hold monthly partner meetings | 5.4.1 Names and responsibilities of all members of the Project Team. 5.4.2 Copy of meeting minutes/actions | \$0.00 | \$7,950 | \$7,950 |
| | 5.5 Develop and deliver a Communications and Engagement Action Plan. | 5.5.1 A copy of the finalised project Communications and Engagement Action plan. | \$0.00 | \$34,100 | \$34,100 |
| | 5.6 Submit draft annual work plan for next financial year submitted to the Ministry for the Environment by 30 April 2022. | 5.6.1 Copy of the draft annual work plan | \$0.00 | \$5,220 | \$5,220 |
| | 5.7 Complete Ministry for the Environment reporting requirements. | 5.7.1 Completed quarterly and annual reports with accompanying: • Budget Tracking Spreadsheet; | \$0.00 | \$21,950 | \$21,950 |

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|---|--|---|-----------|-------------|-------------|
| | | <ul style="list-style-type: none"> • Completed deliverables; and, • Tax invoice | | | |
| | 5.8 Hold biannual partner and stakeholder briefings. | 5.8.1 Copies of meeting minutes | \$0.00 | \$2,280 | \$2,280 |
| | 5.9 Administration and consumables. | 5.9.1 Audit report, summary of project support consumables | \$0.00 | \$500 | \$500 |
| Total Estimated Budget for year 1 (2021-2022) | | | \$600,000 | \$1,094,600 | \$1,694,600 |

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16 Quarterly budget breakdown

List all sources of income and expected breakdown of quarters for year 1 of your project, including cash contributions from your organisation, co-funding from external sources and the maximum amount approved from Essential Freshwater Fund.

| | Deed of Contribution | Deed of Contribution Quarter 1 <i>July-Sept 21</i> | Deed of Contribution Quarter 2 <i>Oct-Dec 21</i> | Quarter 3 <i>Jan-Mar 22</i> | Quarter 4 <i>Apr-June 22</i> | Total budget for Year 1 |
|--|----------------------|--|--|--------------------------------|---------------------------------|----------------------------|
| Your organisation's cash contribution to the project | N/A | \$21,000 | \$100,000 | \$180,000 | \$180,000 | \$481,000 |
| PCC In Kind | N/A | \$132,500 | \$132,500 | \$132,500 | \$132,500 | \$530,000 |
| SC In Kind | N/A | 9(2)(f)(iv) | | | | |
| 9(2)(f)(iv) | N/A | | | | | |
| WWF | N/A | | | | | |
| EFF contribution for each quarter | | \$100,000 | | \$250,000 | \$250,000 | \$600,000 |
| Total budget for each quarter | | \$494,600 | | \$562,500 | \$637,500 | \$1,694,600 |

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Funding attributed to Nature Based Employment

Of the total budget above, provide an estimate of how much funding will be allocated to nature based employment

| | Deed of Contribution | Deed of Contribution Quarter 1 <i>July-Sept 21</i> | Deed of Contribution Quarter 2 <i>Oct-Dec 21</i> | Quarter 3 <i>Jan-Mar 22</i> | Quarter 4 <i>Apr-June 22</i> | Total funding attributed to nature based employment |
|---|----------------------|--|--|--------------------------------|---------------------------------|---|
| Expected funding attributed to nature based employment from total budget | \$100,000 | \$101,500 | \$101,500 | \$101,500 | \$101,500 | \$506,000 |

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17 How will your project contribute to the Jobs for Nature Focus Area Indicators?

The Essential Freshwater Fund is part of the Government Jobs for Nature Programme. This programme has specific targets and indicators for that will be used to track the impact of the programme. You will report on progress towards your targets over the life of your project. Delete the Metrics and/or Focus Areas that are not relevant to your project

| Focus Area | Metric | Total Year 1 target | Deed of Contribution Q1 target <i>July-Sept 21</i> | Deed of Contribution Q2 target <i>Oct-Dec 21</i> | Q3 target <i>Jan-Mar 22</i> | Q4 target <i>Apr-June 22</i> |
|---|--|------------------------|---|---|--------------------------------|---------------------------------|
| Freshwater restoration | Number of plants planted in riparian, lake, or wetlands areas | 80,000 | 25,000 | 5,000 | 0 | 50,000 |
| | Area (ha) of riparian, lake, or wetlands planting completed | 11.8 | 4 | 1 | 0 | 6.8 |
| | Length (km) of new fencing constructed and maintenance of existing fencing | N/A (Starts in Year 2) | N/A | N/A | N/A | N/A |
| On farm and urban stream riparian management activities | Number of on farm action plans completed and area (ha) of riparian management carried out | 2 | 0 | 0 | 0 | 2 |
| | Area (ha) of works on urban streams completed | 0.5 | 0 | 0 | 0.5 | 0 |
| | Area (ha) of afforestation or other biodiversity planting not in riparian, lake, or wetlands margins completed | N/A | N/A | N/A | N/A | N/A |
| Pest control | Total area (ha) of animal pest control completed | 174.8 | 43.7 | 43.7 | 43.7 | 43.7 |
| | Total area (ha) of plant pest control completed | 100 | 25 | 25 | 25 | 25 |
| Nature based employment | Number of people-hours worked in each reporting period | 5,200 | 1,300 | 1,300 | 1,300 | 1,300 |

| | | | | | | |
|---|---|---|---|---|---|---|
| <p><i>Note – projects must engage with their local MSD labour market manager to support any recruitment needs</i></p> | <p>Number of people undertaking formal training in each reporting period <i>(where formal training, i.e.. training leading to a NZQA credit, is part of the contracted work)</i></p> | 6 | 0 | 2 | 2 | 2 |
|---|---|---|---|---|---|---|

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18 Environmental compliance

Please complete this section for any statutory or non-statutory permissions or consents that you require in this financial year.

Do you require any statutory or non-statutory permissions to complete activities set out in this Annual Work Plan?

For example, resource consents, planning consents, or landowner permissions?

Yes (likely)

Resource consents will be applied for as required. Consent may be required for instream works should stream banks require flood protection works or re-shaping.

19 Consultant and/or sub-contractor details (if applicable)

Provide information about any third party you intend to sub-contract to undertake work on the project. The Ministry may request evidence of all contracts (and associated procurement process followed, for each sub-contractor) as part of the milestone reporting requirements. Please refer to the Guide for Grantees for guidance on the use of sub-contractors

| Company name of consultant/sub-contractor <i>Please include their NZBN and trading name if different</i> | Work to be undertaken in the delivery of the project | Value of contract <i>Total estimated value of contract, excluding GST</i> | Potential conflict of interest |
|--|---|---|---------------------------------------|
| Sustainable Coastlines | Deliver community volunteer and school programmes over five years | 9(2)(f)(iv) | None |
| Ngāti Toa | Deliver mātauranga Māori monitoring programme | | None |

SECTION E: Additional information

20 Conflicts of interest

Describe any known conflicts of interest (actual or potential) and steps you will take to manage them.

None

22 Declaration

This declaration must be completed by a person with the organisation's signing authority, such as a chief executive or person with delegated authority. This person may be different to the primary contact person for the application.

As a duly authorised representative of the organisation:

- I declare that to the best of my knowledge, the information contained in all sections of this Work Programme and Year 1 Annual Work Plan, or supplied by us in support of our Work Programme is complete, true and correct.
- I declare that I have the authority to sign this Work Programme and Year 1 Annual Work Plan and to provide this information.
- I understand that information presented to the Minister for the Environment and the Ministry for the Environment is subject to disclosure under the Official Information Act 1982.

Name

Andrew DALZIEL

Position

GM - Infrastructure

Signature

By typing your name in the space provided you are electronically signing this Work Programme and Year 1 Annual Work Plan.

9(2)(a)

Date

9/2/2022