

TITLE: **Tabled Item for Awanui River Liaison Working Group
- 29 June 2018**

ID: A1086144

From Joseph Camuso, Rivers & Natural Hazards Manager

Executive summary

This item was tabled at the meeting.

Attachments

Attachment 1: Awanui River Upgrade Schedule [↓](#) 

| TODAY IS | | 11/07/2018 | | | | | | | | | | | |
|--|---|--|---------|------------------|---------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Project Stage | Component | Awanui River Kaitiata Upgrade Project Schedule | | | | | | | | | | | |
| | | Begin | Finish | Status | Staff | Jun-17 | Jul-17 | Aug-17 | Sep-17 | Oct-17 | Nov-17 | Dec-17 | Jan-18 |
| Model Recalibration | Model Calibration | Jun-17 | Jul-17 | Complete | Victoria | | | | | | | | |
| | Graph MWD data for Calibration | Jul-17 | Nov-17 | Complete | Toby | | | | | | | | |
| | RIP | Jan-18 | Apr-18 | Complete | Toby / RPS | | | | | | | | |
| | Awanui Catchment LIDAR Survey | Feb-18 | Sep-18 | In Progress | Consultant | | | | | | | | |
| | Model Calibration and Upgrade (New LIDAR) | Oct-18 | Oct-18 | Planned | Consultant | | | | | | | | |
| Scheme Upgrade Preliminary Design & Effects Assessment | Design Storm Runs (Existing and Previous Baselines) | Sep-17 | Dec-18 | In Progress | Hugh MacMurray | | | | | | | | |
| | Model Peer Review to run concurrently with Model Calibration | Apr-18 | Sep-18 | In Progress | Toby / consultant | | | | | | | | |
| | Preliminary Design Scheme Upgrade (Whangatane Spillway) | Apr-18 | Sep-18 | In Progress | Toby / consultant | | | | | | | | |
| | Review and Adjust T+T Preliminary Design for Kaitiata Urban Awanui Channel Upgrade | Apr-18 | Sep-18 | In Progress | Toby / consultant | | | | | | | | |
| | Scheme Upgrade Model Simulations (Awanui Spillways 1-5, Kaitiata Channel & Stopbank upgrade, Donald Lane Bridge Upgrade, Whangatane spillway upgrade) | Oct-18 | Dec-18 | Planned | Toby / Consultant | | | | | | | | |
| Flood Damage and Impact Assessment | Risk Scope - Damage Assessment Existing Model | Jul-17 | Nov-17 | Complete | Victoria / NIWA | | | | | | | | |
| | NRIC to import Flood Module, Infrastructure Module, Damage Module | Nov-18 | Dec-18 | Planned | Toby / Matt / NIWA | | | | | | | | |
| | Risk Scope - Kaitiata Damage Assessment Revised Model (Baseline) | Jan-19 | Feb-19 | Planned | Toby / Matt / NIWA | | | | | | | | |
| Detailed Design and Contractor engagement | Risk Scope - Damage and Impact Assessment for Scheme Upgrade | Jan-19 | Feb-19 | Planned | Toby / Matt / NIWA | | | | | | | | |
| | Detailed design for Spillways 1-5, and Whangatane Spillway Upgrade (Stopbank Re-alignment, Donald Road bridge upgrade and channel re-profiling) | Jan-19 | Jan-20 | Planned | Consultant | | | | | | | | |
| | Detailed Awanui River Channel Upgrade through Kaitiata | Jan-19 | Jan-20 | Planned | Consultant | | | | | | | | |
| | Detailed Design for Fletchers Concrete Site (Bells Hill Mitigation Works) | Jan-19 | Jan-20 | Planned | Consultant | | | | | | | | |
| | Detailed design for Donald Road bridge upgrade and Channel Widening | Jan-19 | Jan-20 | Planned | Consultant | | | | | | | | |
| Kaitiata River Bank Stabilisation Works | Detailed design for Whangatane Spillway channel widening, stopbank re-alignment and bridge armoring | Jan-19 | Jan-20 | Planned | Consultant | | | | | | | | |
| | Early Contractor Engagement and potential additional geotechnical exploration/testing | Nov-18 | Apr-20 | Planned | Joe | | | | | | | | |
| | Riley Peer Review of T&T Report | Jun-17 | Aug-17 | Complete | Joe/Riley | | | | | | | | |
| | Preliminary design for Bank Stabilisation Works including Geotech and soil lab-testing | Jul-18 | Oct-18 | In Progress | High Workman | | | | | | | | |
| | Pilot Rock Armouring of School Cut Reach - Design | Apr-18 | Jun-18 | In Progress | High Workman | | | | | | | | |
| Risk Register | Pilot Rock Armouring of School Cut Reach - Construction | Nov-18 | Apr-20 | Planned | Joe | | | | | | | | |
| | Rough Order Costs estimates refined | Jul-18 | Aug-18 | In Progress | High Workman | | | | | | | | |
| | Detailed Design for Bank Stabilisation Works | Sep-19 | Oct-19 | Planned | Consultant | | | | | | | | |
| | Document Principal risks to Project: - Potential critical failure modes - Potential Sources of Delay - Potential Sources of Liability Risk mitigation strategies for Significant Risks Keep Council and Awanui Working Group updated on Significant risks and Risk Treatment | Jun-17 | Aug-17 | Complete | Joe/Victoria/Toby | | | | | | | | |
| | Emergency Action Plan - Co-ordinate with CDEM (Graham McDonald) | Jun-17 | Nov-17 | Complete | Joe/Victoria | | | | | | | | |
| CDEM and Implementation Recommendations | Kaitiata Stopbank Breach Simulation for evacuation scenarios | Mar-18 | May-18 | Complete | Toby | | | | | | | | |
| | Update CDEM once model upgrade has been completed | Mar-18 | May-18 | Complete | Toby | | | | | | | | |
| | Brief Council on the Edgecombe Review Findings and how they relate to the Awanui Flood Scheme | Jun-17 | Aug-17 | Complete | Bruce/Joe | | | | | | | | |
| Budget | Investigate funding option (rating options and alternative funding options) | Jun-17 | Aug-17 | Complete | Bruce | | | | | | | | |
| | Long Term Plan 2018 - 2018 Final decisions | Oct-17 | Jan-18 | Complete | Joe, Bruce | | | | | | | | |
| Valuations | Budget - general tracking/progress | May-17 | Jan-24 | In Progress | Awaiting Finance response | | | | | | | | |
| | Teller Young to do high level valuation on properties where works proposed | Sep-17 | Oct-17 | Complete | Ian | | | | | | | | |
| | Map of properties affected by scheme works (including Whangatane Spillway Stopbank Re-alignments) | Nov-17 | Nov-17 | In Progress | Barney | | | | | | | | |
| Landowner Consultation | Teller Young Registered Valuation for Fletchers - Ex Concrete Factory | Oct-17 | Nov-17 | Complete | Toby | | | | | | | | |
| | Teller Young Registered Valuation for Spillways 1-5 Easements | Nov-17 | Dec-17 | Complete | Barney | | | | | | | | |
| | Submit s17 with compensation offer to land owners for spillway easements | Dec-17 | Dec-17 | In Progress | Barney | | | | | | | | |
| | Landowner contact - Spillways 1 - 5 | Jul-17 | Oct-17 | Complete | Peter/T&T | | | | | | | | |
| | Landowner contact - Kaitiata Urban Awanui Works | Aug-17 | Mar-18 | In Progress | Peter/Barney | | | | | | | | |
| Stakeholder Consultation | Landowner contact - Kaitiata Urban Whangatane Spillway Works | Jul-18 | Aug-18 | Planned | Peter/Barney/ Joe | | | | | | | | |
| | Landowner contact Lower Whangatane Spillway Works | Sep-18 | Nov-18 | Planned | Peter/Barney/ Joe | | | | | | | | |
| | Landowner contact - where owners are affected by flooding but no physical works (after Whangatane channel modelling) | Dec-19 | Jan-19 | Planned | Peter/Barney/ Toby | | | | | | | | |
| | Landowners affected by flooding - Confirm preliminary Landowner position | Feb-19 | Feb-19 | Planned | Peter/Barney | | | | | | | | |
| | Landowners affected by flooding - Valuations of land needed for scheme | Feb-19 | Apr-19 | Planned | Peter/Barney | | | | | | | | |
| Consulting | Meet with Committee and present Riley peer review | Sep-17 | Sep-17 | Complete | Bruce/Joe/Peter | | | | | | | | |
| | Liaise with consenting authorities to confirm identity of affected parties | Mar-18 | Apr-18 | Planned | Barney/Toby | | | | | | | | |
| | Final Consultation | Apr-18 | Jun-18 | In Progress | Peter/Joe/Bruce | | | | | | | | |
| | Update committee on progress | Apr-18 | Jun-18 | Planned | Bruce/Joe/Peter | | | | | | | | |
| | Update committee on Preliminary Design | Jul-18 | Jul-18 | Planned | Bruce/Joe/Peter | | | | | | | | |
| Public Works Act & Implementation | Meet with LIC to finalise cost estimates, financial modelling rate model adjustment proposals budgeting for details design - Committee - Council | Dec-18 | Dec-18 | Planned | Bruce/Joe/Peter | | | | | | | | |
| | Resource Consent & Legal | Jul-18 | Nov-19 | In Progress | Reyburn & Bryant | | | | | | | | |
| | Contact Consultant to undertake Planning reports (Reyburn and Bryant or Vision Consulting to discuss scope of work) | Mar-18 | May-18 | In Progress | Reyburn & Bryant | | | | | | | | |
| | Consult with FNDC over Contamination Risk to Fletchers Concrete site (Is Vision Report sufficient for earthworks) | Nov-17 | Dec-17 | Complete | Toby | | | | | | | | |
| | OSR for Fletchers Concrete Site | Feb-18 | Mar-18 | Complete | Cook Costello | | | | | | | | |
| Public Works Act & Implementation | Assessment of environmental effects, noise assessments etc. | Jul-18 | Dec-18 | In Progress | Reyburn & Bryant | | | | | | | | |
| | Archaeology Assessment | Jul-18 | Dec-19 | In Progress | Reyburn & Bryant | | | | | | | | |
| | Complete drawings, design, calculations, justification for works | Jul-18 | Dec-19 | In Progress | Reyburn & Bryant | | | | | | | | |
| | Logie Consents | Feb-19 | Mar-19 | In Progress | Reyburn & Bryant | | | | | | | | |
| | Section 92 Further Information Request | Apr-18 | May-18 | Planned | Consultant/R&B etc. | | | | | | | | |
| | Public Notification | Jun-19 | Jun-19 | Planned | Barney/Toby/Joe | | | | | | | | |
| | Resource Consent Hearings & Commissioner Decision | Sep-19 | Nov-19 | Planned | Barney/Toby/Joe | | | | | | | | |
| | ASR Appeals could take 1 year | Dec-19 | Oct-20 | Planned | Barney/Toby/Joe | | | | | | | | |
| | Engage Crown Property Services to Negotiate with Land Owners | Nov-17 | Feb-18 | Complete | Barney | | | | | | | | |
| | Report to Council with updated budget for Concrete Site Empire Street | Mar-18 | Mar-18 | Complete | Joe / Toby | | | | | | | | |
| | Purchase Fletchers Concrete Site Empire Street | Mar-18 | Apr-18 | Complete | Bruce/ Joe | | | | | | | | |
| | Report to Council with recommendation to progress PWA process for affected properties starting with s17 agreements, and conditional on LTP | Mar-18 | Mar-18 | Planned | Joe / Toby | | | | | | | | |
| | Submit s17 with compensation offer to land owners for spillway easements | Jul-18 | Jul-18 | Planned | Barney | | | | | | | | |
| | Public Works Notices - Kaitiata | Sep-18 | Oct-18 | Planned | Barney | | | | | | | | |
| | Issue PWA s. 17 notices | Dec-18 | Feb-19 | Planned | Barney | | | | | | | | |
| Public Works Notices - Whangatane Spillway | Jul-19 | Aug-20 | Planned | Peter/Barney/Joe | | | | | | | | | |
| Acquire Easements for Interest in Land | Jul-19 | Aug-20 | Planned | Peter/Barney/Joe | | | | | | | | | |
| Phased Construction over 7 or more years | Sep-20 | Jan-27 | Planned | All | | | | | | | | | |