

Christchurch West Melton - Work Programme Progress update 30 June 2018

Christchurch West Melton Work Programme Summary:

Significant progress has been made across the work programme. Work on developing the catchment management plans for two of our priority catchments, Haytons Stream and Addington Brook, is nearing completion. In the Biodiversity portfolio the restoration of the Port Hills following the large fire last year has been a priority.

Outcome	Status	Progress update
Improved stormwater management Stormwater is treated to a better standard at source and the public's stormwater network's ability to treat stormwater has improved.	On Schedule	<ul style="list-style-type: none"> The partnership with CCC in monitoring and auditing consents has seen a significant improvement in this relationship and information sharing.
Community commitment has increased Christchurch-West Melton public/ community understanding of the stormwater cycle has improved. Public/community understanding of what residents and businesses can do to reduce pollution of stormwater has increased and desired behaviours are increasing. This outcome is being in conjunction with CCC.	On Schedule	<ul style="list-style-type: none"> Assistance provided to CCC to prepare Community Water Partnership proposal for inclusion in draft CCC LTP. Helped CCC engage with community groups about the Partnership via workshops in August 2017 and March 2018. Two newsletters were prepared to help community groups understand how to effectively make a submission, in addition to talking with groups about this in person. The Networking for the Environment forum in March focused on helping community groups understand LTP processes and how to make submissions. Key community groups have been supported to increase community commitment in their catchments and undertake a range of relevant partnership projects. Most these groups are carrying out a combination of community engagement, stormwater and biodiversity projects. This support has involved: responding to their requests; providing funding and resources; providing them with information; linking them with others; involving them; and providing opportunities for projects. Networking for the Environment sessions have created a platform for community groups to better and more regularly connect and share learnings and resources. The sessions are focused on raising capacity and the topics covered designed to suit what community groups want. AHEIT – Ecological Management Plan under development; restoration projects with local communities; and education events. Cashmere Stream Care Group – three restoration projects; communication with CCC about fire recovery and Land Drainage Recovery programme; keeping an eye on discharges from developments; and clarity monitoring programme. Shirley Stream Care Group – project underway with CCC to take sediment out of stream, maintain flow regime and plant more natives with local community. Roimata Commons Trust – supported one of their planting days and an outdoor cinema evening March 17 focused on being stormwater superheroes. Avon Ōtākaro Network – supported Mahinga Kai exemplar; events including Meet In the Middle Oct17, Environmental Investigators Dec17, Children's Day March17, Mother of All Clean Ups May17, and Matariki June17. Helped fund their stormwater demonstration project at Avebury House, in conjunction with CCC. Ōpāwaho Heathcote River Network – supported their projects; provided facilitation; linkages with staff; and communications materials. Ōpāwaho Heathcote Projects map created for Biodiversity & Immediate Steps Working Group of the Zone Committee. This is a fun engaging map of past, current and future projects in Heathcote River/Ōpāwaho Catchment that relate to biodiversity, stormwater and land drainage. A useful engagement tool for a variety of community groups and copies have been given to the key groups in the catchment, and CCC staff.

Outcome	Status	Progress update
Biodiversity has improved Community committed to improving biodiversity and projects are protecting and enhancing biodiversity.	On Schedule	<ul style="list-style-type: none"> Albert Stream Enhancement project: Work has begun with Wai-ora landscapes preparing planting areas and removing weed species. Port Hills Restoration work: Plants have been ordered for the coming season. CCC have contributed and planted plants late last year in part of the project area. These plants had an 80% survival rate over summer. Planting work will begin after fencing is complete.
Health of priority catchments has improved Water quality and biodiversity trends are improving in the following priority sub catchments - Addington Brook and Riccarton Stream (Avon/Ōtākaro Catchment), Cashmere Stream/ Haytons Stream (Heathcote/Opawaho Catchment).	On Schedule	<ul style="list-style-type: none"> Cashmere: Total Suspended Solids-Clarity-Turbidity Relationships project for Cashmere Stream Catchment completed in November 2017key staff from Environment Canterbury meet to figure out the way the recommendations of the report can be implemented. A sub-group of staff has been formed to lead the further development and implementation of the recommendations. Key actions will include improving consent conditions and getting industry uptake of use of clarity tubes. Environment Canterbury's Erosion and Sediment Control Guidelines have been rolled out to industry and key players to adopt. In addition, CCC and Environment Canterbury jointly funded the development of an Erosion Prediction Model by University of Canterbury. The Erosion and Sediment Control Field Trial Project was completed, results shared with industry and agencies and the findings included in the new Erosion and Sediment Control Guidelines. Environment Canterbury staff held field trips for ZC members to priority catchments in March 2018.
Groundwater has been safeguarded for multiple uses and water has been used efficiently The quality of untreated drinking water from aquifers is safeguarded. Water levels, quality and flows at spring-heads of spring-fed waterways are safeguarded. Use of water both rural and urban areas is targeted and efficient.	On Schedule	<ul style="list-style-type: none"> Stocktake of existing information about groundwater was conducted, this included a field trip, possible sources of contamination identified and compliance checks of high-risk sites undertaken. Waimakariri Wells Project complete.
Waterways better provide for multiple recreation, relaxation and amenity uses Aquatic and adjacent land recreational values in selected locations are maintained / or improved.	On Schedule	<ul style="list-style-type: none"> Worked with CCC to further a range of actions for improving recreation and river health in the lower Avon/Ōtākaro River. A newsletter summarising progress made to date was provided to recreational stakeholders in May 2018.
Air quality is improved or maintained Degraded ambient air quality is improved over time and where air quality is acceptable it is maintained.	On Schedule	<ul style="list-style-type: none"> Continued monitoring is ongoing. The Gelita fire has seen a reduction of complaints, but work with Gelita is ongoing.
Improved internal and external capability in Urban Waterways Improvement Programmes A better connected network of individuals through a range of organisations and community groups with access to up to date knowledge and learnings on effective Urban Waterways Improvement Programmes.	On Schedule	<ul style="list-style-type: none"> Environment Canterbury staff gave a presentation to the Regional Zone Committee on Urban Catchment Improvement Programmes using Addington Brook as a case study. Communications team have developed material and an area on the Zone Committee page around copper free brake pads.