

## Attachment 1 : Summary of care group activities 2007-08

Group	Site	Ecosystem	Facilitator	TA	Key activities
Albemarle Streamcare	Albemarle Stream, Wellington	riparian	Juzah Zammit-Ross	WCC	An official opening day and community planting was held on 5 August 2007. Work planning has included a weed list and a preferred planting list. The group has removed over 2 tonnes of rubbish from the site and also has relocated bricks, concrete and asphalt found dumped on-site and used them in gabion baskets on the stream sides to prevent erosion. GW Biosecurity (pest plants) staff has created a pest plant action plan which prioritises weed removal over the next five years. 500 plants from Wellington City Council nursery have been planted this winter. The group estimate 688 volunteer hours have been completed in their first year of operation.
Corporate activities	Battle Hill Farm Forest Park, Porirua	riparian	Ross Jackson	PCC	Although there is no formal care group for Battle Hill, there are several people who trap pests and attend community planting days organised by Greater Wellington staff. Some of the tributary streams at the head of the catchment have been fenced off from stock and planting has continued in and around several ponds which were constructed in 2002. Several planting days were held this winter including a <i>Creating Habitat Day</i> and an Arbor day planting when local schools planted 1000 trees.
Churton Park Care Group	Porirua Stream, Wellington	riparian	Geoff Skene	WCC	The severe drought this summer saw the group watering their plantings. Extra funding from GW Biosecurity enabled further blackberry control over the summer. This dry period was followed quickly by an early wet winter and the group was able to hold their first planting in May. A temporary footbridge was built to enable easier access across the stream and the group now has a large interpretative sign by the road as well as a brochure which promotes their work.
DUNE	Paraparaumu Beach, Kapiti	dune	Robyn Smith	KCDC	This group has worked on a particularly difficult site as KCDC initially reshaped the dune from high marram dune to a lower profile suitable for native dune species, it was capped with clay and fill. This cap has been difficult to establish salt tolerant back dune species in but persistence mainly by one of the members has seen an increase in cover. Throughout the summer period, maintenance of the back dune area has continued and a contractor engaged by GW Biosecurity has done a follow-up spray of small persistent pockets of invasive marram grass in the foredunes. This has allowed the spinifex to thicken up to a point where it is almost impenetrable by weeds. Over the winter the group has added 2000 spinifex to areas where the marram has been sprayed out. This financial year is the final year of funding for the group and although they have accomplished what they set out to do, it would be good to see another group established nearby to continue to link up all restored areas.
Eastbourne Dunes Protection Group	Eastbourne Beach, Lower Hutt	dune	Juzah Zammit-Ross	HCC	The Eastbourne Dune Group continues to have working bees every week, either planting or weeding depending on the time of the year. The Global Volunteer Network helps out from time to time. 1800 pingao were added to the dunes by the group this winter and a planting day with Muritai school, a "Trees For Survival" school, was held to plant 120 coastal flax. These flax were planted in front of the rip-rap at the southern carpark on Maire Street and will help protect the Little Blue Penguins who nest in the rip-rap.
Enaki Stream Care	Enaki Stream, Wairarapa	riparian	Don Bell	CDC	Around 200 plants have been added to existing plantings of the group and there are new works planned for three new small areas for next year. A nutrient catchment area has been formed and a planting day was held, financed by the Honda TreeFund, and attended by the staff and customer of Southey Honda in Masterton and children from the South End school in Carterton.
Forest and Bird Kapi-Mana Branch	Waimapehi Stream, Kaitawa Reserve, Kapiti	riparian	Juzah Zammit-Ross	KCDC	This local branch of the Royal Forest and Bird Society have been working to restore the margins of the Wharemauku Stream and small coastal forest remnant in the Kaitawa Reserve for over ten years. The plants are grown by the local Forest and Bird nursery in Waikanae. The group have been reminded that they must follow the eco-sourcing policy of Regional Council as they sometimes plant inappropriate species from Northland which can affect ecological processes. Kapiti Coast District Council has granted the group \$40,000 for on-going maintenance and they will be employing a contractor to carry this out.
Friends of Greendale	Muaupoko Stream, Otaihangā, Kapiti	riparian	Robyn Smith	KCDC	This small group is into its last year of funding. The Muaupoko stream has been completely revegetated within their project area and Greendale reserve has become a large area of native bush from its original state of pasture. This is a magnificent effort by the group. Planting this winter was low and in-filled small open pockets. This group also works very hard to maintain their plantings using mulch as a tool to keep weeds down. An open day will be held in summer to celebrate and publicise the achievements of this group.
Friends of Maara Roa	Canon's Creek, Belmont Regional Park	riparian	Ross Jackson	PCC	The Friends of Maara Roa work every second Saturday morning during the winter months, planting "green corridors" in a number of key areas. The group mainly plant fire-resistant local native species in an effort to prevent fires in the area. Each year around 5,000 plants are added to the project areas and the group continues to maintain bait stations for pest control. Over the summer months the Friends ran several walks through the area for the public and also combined with The Regional Outdoors Programme in Belmont Regional Park.
Friends of the Millenium	Millennium Reserve, Masterton	wetland	Warren Field	MDC	A formal ceremony to declare the forest as a public amenity was held on 12 April and attended by local dignitaries. This winter 2000 eco-sourced plants have been planted around the wetland, lake edges and stream margins. 500 metres of track has been metalled and a further 1 kilometre of track has been upgraded. and many exotic trees have been felled and removed. During the drought many new plantings required watering to prevent significant loss. The Masterton South Rotary Club and the National Bank have helped out in working bees and weeding of ivy, broom, gorse, barberry and thistle has continued.
Friends of Ngati Awa	Ngati Awa River, Waikanae, Kapiti	riparian	Robyn Smith	KCDC	This group has been shown how to maximise their budget by growing their own plants in their nursery but appear to be unable to structure their programme to take advantage of the nursery. They have been shown what seed to collect, how to propagate native seeds and how to grow on seedlings to the planting stage. They were also supplied with 280 seedlings which they potted up and have recently planted on the river banks, however the erosion problem is such that a hard engineering solution or a diversion of the river is required to prevent any further erosion of the bank.
Friends of Otaki River	Friends of Otaki River, Kapiti	riparian	Melanie McElwee	KCDC	Over 1000 trees and shrubs were planted to mark the opening of the Chrystalls Walkway and Stopbank on 24 May. Further plantings in this area have also been held. The group recently made a submission in support of a river ranger being appointed on the Kapiti Coast.
Friends of Owhiro Stream	Owhiro Stream, Wellington	riparian	Callum Brookes	WCC	Excellent site preparation of this group's planting site was completed by combining the budgets of Greater Wellington's Biosecurity and Wellington City Council's weed teams. An invasion of hops during December which spread very fast was controlled by a contractor. Many planting days over the winter have been held and Owhiro Bay school has planted at two sites on the stream. Excess plants have been donated to the Churton Park Care Group. The group have revised their vision and mission statement and a further five years of funding has been approved to enable the group to complete their project.
Friends of Queen Elizabeth Park	Marine's Wetland, Whareroa Stream and	combined	Ross Jackson	KCDC	The focus of the group has been on three areas. The Raumatī Dunes area has had 6,000 spinifex planted over the winter, MacKays crossing wetland, the forest remnant and Whareroa stream have had their planting areas supplemented with 8,000 plants. Sixteen corporate groups have helped with the plantings and a special Arbor Day planting took place with 150 school children, and Te Atiawa ki Whakarongotai and Friends of the Park represented. There are currently three graduate students looking at basing their studies in the park.
Friends of Waikanae River	Waikanae River, Kapiti	riparian	Melanie McElwee	KCDC	The Friends of the Waikanae River have recently been contributing to a planting plan for the Waikanae River which will be available for comment shortly. The plan will include recommendations for site preparation and plant species. The group have been nominated for a Green Ribbon Award and a Department of Conservation Wellington Regional Award.
Glenside Streamcare	Porirua Stream, Wellington	riparian	Paul Denton	WCC	In combination with Greater Wellington's Biosecurity pest plant team and Wellington City Council, the group has cut and sprayed around 200 metres of blackberry in preparation for planting over winter. Gorse surrounding Stebbings Dam was also sprayed and a careful follow-up spray around existing planting by the debris arrestor has controlled a variety of woody weeds. Around 1200 plants were added to the Rowells Road planting area and a further 200 plants have supplemented the plantings on the hill above the stream near Stebbings dam. Many people use this area for recreation and enjoy the natural beauty that has been restored by the group.

Group	Site	Ecosystem	Facilitator	TA	Key activities
Henley Trust Inc	Henley Reserve wetlands, Masterton	wetland	Warren Field	MDC	The Trust has had twenty willow felled and removed to improve sight lines from the bird observation tower. This area was then mowed and sprayed and planted by Idea Services, formerly IHC. Another area by the causeway was prepared for planting and a third area which is part of a maze damaged by fire was prepared and planted this winter by St Patrick's school. The school will continue to have an association with this areas by planting an arboretum which will be used to enable identification of native specimen trees. There has been an attempt to solve water quality issues as a combination of the drought, water restrictions and algal bloom caused much concern this summer. A consultant has been engaged by the Masterton District Council to recommend improvements to deal with this.
Island Bay Coastcare	Island Bay Beach, Wellington	dune	Juzah Zammit-Ross	WCC	With extra funding provided by Greater Wellington Biosecurity, a contractor was engaged to spray marram grass and Indian Doab grass, both of which are difficult to eradicate. Earlier plantings of spinifex on the foredunes has resulted in a lot of sand trapping and the fence posts around the planting sites are almost covered with sand. Just over 550 spinifex have been planted this season and the group had it's funding extended for a further three years to enable it to complete their project.
Makaracarpas	Makara Estuary, Wellington	estuarine	Robyn Smith/Tim P	WCC	The Makaracarpas have worked with ecological consultant Clive Anstey to prepare a management plan and have also organised a workshop with Greater Wellington, Department of Conservation and Wellington City Council staff to learn about pest animals and traps. They subsequently set 37 traps around the estuary and 18 traps along the coast and have trapped stoats, rats and mice. A planting plan has been prepared for the esplanade reserve on the banks of the Makara Stream. The group is working with Makara School students who are growing plants for next season. The group have also submitted on the Regional Policy Statement and resource consent applications which affect the Makara Stream and estuary. There has been a lot of silt and sediments in the Makara Stream and estuary from the Meridian West Wind project and the group have expressed their concerns many times about the effects on the ecosystem.
Millwood Estate Community Group	Hull's Creek, Upper Hutt	riparian	Juzah Zammit-Ross	UHCC	This group are all elderly residents of Millwood Retirement village and are unable to do much of the physical works themselves. Using their budget, a contractor was engaged to remove pampas from the site and a group from the New Zealand Defence force planted 330 plants during the winter to fill in some of the gaps from previous years. A rabbit poisoning operation by the Greater Wellington pest animal team has been completed to control the large numbers of rabbits in the area. Nets are also required around every plant to prevent grazing damage to newly planting plants. The group's funding has been extended for a further three years to enable the project to be completed.
Moehau Stream Care	Moehau Stream, Upper Hutt	riparian	Juzah Zammit- Ross	UHCC	The Moehau Stream restoration project next door to Barton's Bush in Trentham is led by the Upper Hutt branch of the Royal Forest and Bird Society. Upper Hutt City Council continue to contribute to the project by felling and poisoning large willows to enable planting the following year. Greater Wellington Biosecurity has contributed to a contractor to release previous year's plantings and prepare sites for planting. Almost all of the plants are grown by the Forest and Bird nursery in Upper Hutt. Students from Upper Hutt College, a Trees For Survival school, also raise plants from seedlings provided by the nursery. Two corporate planting days have added 800 trees and Forest and Bird volunteers have assisted scouts and other community groups to plant this winter.
Nga Uruora Kapiti Inc	Paekakariki Escarpment, Kapiti	escarpment	Robyn Smith	KCDC	This group has been working to restore the dawn chorus to the escarpment between Pukerua bay and Paekakariki for the past ten years. Greater Wellington continues to provide a modest level of support (\$2000/year towards the cost of running Nga Uruora's two community nurseries at Pukerua Bay and Paekakariki Schools). This group has put in 7,251 volunteer hours and has also gained funding from outside the Council to pay for a further 7,364 hours of work. Much of the work is on pest plants and pest animal control although the group has planted around 7,000 plants this year. This group deservedly won the Rata Environmental Ward in 2007.
Onehunga Bay Beachcare	Onehunga Bay, Whitireia Park, Porirua	dunewetland	Juzah Zammit-Ross	PCC	The Onehunga Bay Restoration Group restore two types of threatened ecosystems in Onehunga Bay, one is the dune area and the other is a wetland. Marram grass on the dune area and exotic pasture grass in the wetland area was sprayed by a contractor with the assistance of Greater Wellington Biosecurity. Both areas are fenced off from stock and each area has had a community planting day. The dune area has had 500 spinifex added to the foredune area and several species added to the back dune area including Libertia peregrinans, Euphorbia glauca and Coprosma acerosa which are all threatened species. Night shooting by Greater Wellington Biosecurity Pest Animal officers has reduced the number of rabbits in the area but the dune plants still require nets to prevent damage.
Papawai Stream Care	Mangarara Stream, Greytown	riparian	Don Bell	SWDC	The Papawai group's vision is to restore the mauri of this local stream and many members of the community are involved. In previous years there have been three riparian plantings, two on private land margins of the stream and the third on land administered by the Papawai Maori Trustees. Plant release was carried out combining two methods, weedeater and chemical control. Blackberry was sprayed with Tordon and has since been slashed. Around 800 metres of stream-side has been planted and the project has worked closely with Greytown school. As this was the last year of Take Care funding, an application was made from the Sustainable Management Fund which was successful and the project will have \$56,000 to use.
Petone Dune Restoration Group	Petone Beach, Lower Hutt	dune	Robyn Smith	HCC	This group is restoring the dune communities of the mid to western end of Petone beach. Marram grass has been sprayed out in the back dune areas and a MFE funded back dune trial is now into the second of three years. Twelve species have been planted in 72 plots and are measured and assessed annually to determine the most successful species for back dune plantings. Three hundred pingao has been added to the mid dune area and four hundred spinifex have been planted in the foredune area. A sign is being designed to interpret the group's work.
Riversdale Beach Care	Riversdale Beach, Wairarapa	dune	Dave Cameron	MDC	Last year's winter planting of 500 spinifex survived the dry summer well. Storms combined with high tides inflicted minor damage to the toe of the dunes and these are recovering well. Spraying of pest plants such as acacia, pines, buckthorn and lupins has been done and a further planting of 500 spinifex was also completed by Whareama school children, local residents and local government staff. Following a weed survey jointly funded by Greater Wellington Biosecurity and Masterton District Council, a total of \$4,000 has been committed to spraying out the worst weeds over the coming summer. Aggregation of sand by the spinifex has required the protective bollards to be lifted to prevent them being inundated.
Silverstream Care Group	Hull's Creek, Silverstream	riparian	Richard Romijn	UHCC	The Upper Hutt Forest and Bird Society's project to restore the lower part of the Hull's creek riparian corridor continues to make good progress. During the summer season the group has monthly weeding bees. Most of the planting effort this year has been to consolidate previous years plantings. This site was the Environment Division planting day in August 2007 and much planning and preparation work is done by the groups facilitator, Richard Romijn, to ensure good results. Over the summer, large willows were poisoned and blackberry sprayed at the north end of the site, near Silverstream bridge. The willows will be felled to enable this area to be planted in 2009.
Sims family	Otaki Beach North, Kapiti	dune	Paula Loader	KCDC	Despite support work in the form of rabbit control and fencing to keep vehicles off the dune area, this group has not been active for the past year.
Trelissick Park Group	Kaiwharawhara Stream, Wellington	riparian	Robyn Smith	WCC	This group has been working for the past 17 years on rehabilitating the Kaiwharawhara stream as it passes through Trelissick Park. Originally this project also included the Otari-Wilton's Bush section of the Kaiwharawhara, however this part of the project has been completed. Throughout the summer period the group spends most of their working bees weeding around plantings and growing plants in their backyards and they get assistance from the Global Volunteer Network and other corporate groups. Over the winter over 800 plants have been added from the Take Care budget and a further 500 plants allocated from the Wellington City Council nursery. Most of the planting have been done by care group members and five corporate group planting days. An excellent spray programme has been organised by Greater Wellington Biosecurity and is matched by Wellington City Council and many areas of weedy groundcovers have been sprayed out and will be followed up this summer in time to plant next winter. The group estimates that 3,500 hours has been volunteered to the project which at \$20 per hour equates to \$70,000.
Waihora Watch	Waihora River, Martinborough	riparian	Lucy Harper	SWDC	Waihora Watch engaged a contractor to control the wildling pines in the catchment and found many more small pines than originally thought. Ringbarking the large pines is an effective way to kill them as it allows them to slowly disintegrate which prevents large scale damage to the surrounding bush. A new planting area which incorporates a wet seep and gully has been fenced off, the gorse slashed and sprayed and 400 plants planted. Clive Paton is keen for the group to discuss the concept of creating a mainland island in the near future.
Waikanae Dune restoration Group	Waikanae Beach, Kapiti	dune	Iain Dawe	KCDC	This group is involved in restoring native sand-binding species to the Waikanae dunes from the surf club to the estuary. Much of the summer period is spent growing a range of plants in their nursery. Greater Wellington Biosecurity supplemented the group's budget and engaged a contractor to spray the marram grass and ice plant and this work will continue this summer. 2,000 spinifex have been planted this winter, many of them on a memorial planting day for the wife of Graham Petterson, a group member, who died at the beginning of this year. Graham and Judith grew many of the plants for the dunes in their small backyard nursery so the planting day was a fitting tribute.

Group	Site	Ecosystem	Facilitator	TA	Key activities
Waikanae Estuary Care Group Inc	Waikanae Estuary, Kapiti	estuarine	Kerryn Penny	KCDC	The Waikanae Estuary Care Group has had a tough year, a late frost killed off a large number of plants and the summer drought put a lot of stress on the surviving plants. Despite the lack of moisture, weeds continue to thrive and the regular working bees over summer struggled to keep up. The first milestone report for the Sustainable Management Fund has been accepted by MFE and Greater Wellington has been reimbursed for Care Group spending. Greater Wellington Biosecurity engaged a contractor to spray out marram near the planted spinifex and pingao and prepared areas for planting. Wet weather kept volunteer numbers lower than normal this winter and several planting days had to be postponed. Three local schools, assisted by Care Group members, supply seedlings for the project and these schools also take part in planting.
Waimeha Restoration Group	Waimeha Lagoon, Kapiti	wetland	Tim Park	KCDC	The Waimeha Restoration group has established a new nursery to raise plants for their project at the Works Depot in Waikanae, belonging to the Kapiti Coast District Council. The group has been kept busy during the summer drought growing seedlings and releasing previous plantings. Pam Sinclair, the group's coordinator, does a wonderful job of rallying volunteers. Greater Wellington Biosecurity engaged a contractor to spray out blackberry and Japanese honeysuckle in the reserve and the dry summer has assisted the control of some weeds. Over the winter months, the group has planted 200 sedges along the wetland boardwalk and nikau and kohekohe in groves. The group has had to replant cabbage trees which were stolen and on sandy risers between the wetland areas they have planted taupata and Olearia solandri which do well in dry conditions.
Waipahihi Stream Care	Waipahihi Stream, Wellington	riparian	Juzah Zammit-Ross	WCC	This project is coordinated by the deputy headmaster of Onslow College in Johnsonville. Greater Wellington Biosecurity, in association with Wellington City Council, arranged to have a contractor spray out a variety of weeds along the stream side as well as removing two willow and a large sycamore tree, in preparation for the planting in winter. Students and teachers from the school planted 300 plants in the prepared area and preparations for next years plantings will be completed over summer.
Waitohu Streamcare Inc	Waitohu Stream, Otaki Beach	combined	Robyn Smith	KCDC	The Waitohu group continues to hold weekly working bees throughout the year and grow all their own plants for the dune restoration project. The group members are keen to learn new skills and six members attended the Dunes Trust conference in Whanganui earlier this year. Greater Wellington Biosecurity and Kapiti Coast District Council jointly funded a follow up spray of weeds in the dunes, targetting boxthorn and pampas. Islands within the back dune area are also to be sprayed this year to enable the group to plant these areas. Hopefully the islands of plantings will provide a seed source for the surrounding areas. A careful eye is kept on the plants of Pimelea arenaria, a rare sand pimelea, which occurs naturally in the dunes and this is also being propagated for other dune groups on the Kapiti Coast. The Waitohu group won the community award in the New Zealand Plant Conservation Network Awards this year for their dedication to the Waitohu stream, estuary and dunes.
Whangaehu River Group	Whangaehu River, Wairarapa	riparian	Tony Faulkner	SWDC	Over the past summer the Whangaehu group site has had some follow-up spraying of willow re-growth as well as spot spraying prior to the planting of around 12,000 plants in the winter. There is some concern over stock damage on one side of the river and a new piece of fence and hotwires will be built to prevent this from re-occurring.