

19 October 2009

ENVIRONMENTAL MANAGEMENT COMMITTEE:

Chair and Councillors

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NOTICE OF MEETING

I hereby give notice that a meeting of the Environmental Management Committee of the Auckland Regional Council is to be held in the Council Chamber, Ground Floor, 21 Pitt Street, Auckland, at:

9.30AM

ON

TUESDAY 20 OCTOBER 2009

An agenda for the meeting is attached.

B L Thomas
GROUP MANAGER, DEMOCRACY SERVICES

per:

Brett Lane
COMMITTEE SECRETARY

Our agendas and minutes are available online, go to www.arc.govt.nz/council/agendas-and-minutes

All reports in this Agenda are not to be construed as Council policy until adopted

AGENDA

ENVIRONMENTAL MANAGEMENT COMMITTEE

AGENDA FOR THE MEETING OF THE ENVIRONMENTAL MANAGEMENT COMMITTEE OF THE AUCKLAND REGIONAL COUNCIL TO BE HELD IN THE COUNCIL CHAMBER, GROUND FLOOR, 21 PITT STREET, AUCKLAND ON TUESDAY 20 OCTOBER 2009 AT 9.30AM.

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(All reports in this Agenda are not to be construed as Council policy until adopted.)

MEMBERS:

Cr	Dianne	Glenn	(Chair)
Cr	Jan	Sinclair	(Deputy Chair)
Cr	Michael	Barnett	
Cr	Judith	Bassett	
Cr	Bill	Burrill	
Cr	Clive	Carter	
Cr	Joel	Cayford	
Cr	Sandra	Coney	
Cr	Michael	Lee	
Cr	Brent	Morrissey	
Cr	Christine	Rankin	
Cr	Christine	Rose	
Cr	Paul	Walbran	

A PROCEDURAL

A.1 MINUTES

Committee Secretary: 12 October 2009

That the minutes of the meeting held on 6 October 2009 be confirmed.

B ITEMS FOR DECISION

B.1	MAHURANGI ACTION PLAN LANDOWNER ASSISTANCE FUND	3
B.2	RESOURCE MANAGEMENT (SIMPLIFYING AND STREAMLINING) AMENDMENT ACT 2009 - CHANGES TO HEARINGS PROCEDURES	14
B.3	ASSIGNMENT OF INDEPENDENT COMMISSIONERS TO NON NOTIFIED AUCKLAND REGIONAL COUNCIL CONSENTS	19
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B.1 MAHURANGI ACTION PLAN LANDOWNER ASSISTANCE FUND

M030 03

Louise Mason General Manager Programmes and Partnerships; Paul Metcalf Group Manager Environmental Programmes; Kim Morrese Project Leader Sustainable Catchments Programme: 17 September 2009

The report has been prepared in accordance with the provisions of section 76 and 77 of the Local Government Act 2002, having regard to section 79.

EXECUTIVE SUMMARY

This report outlines the recommendations from the Senior Panel on applications to the latest round of Mahurangi Action Plan (MAP) Landowner Assistance Fund (LAF). Seventeen standard applications were received. Each application was reviewed and weighted against the LAF criteria, then ranked. Twelve applications have been recommended for full funding, two for partial funding, and three to be refused. Applications for funding exceeds the allocation available for this year. In addition, an application from the Jane Gifford Restoration Trust was also received. The Senior Panel noted the merit of the application, but recommended it be declined because it falls outside the criteria. Once approved by the Environmental Management Committee, six applications will have to be sent to the Auckland Transition Agency (ATA) for final approval as they are over \$20,000 (GST inclusive) and impose obligations on the Auckland Regional Council after 30 June 2011.

B.1.1 PURPOSE

The purpose of this report is to present to the Environmental Management Committee the Senior Panel's recommendations from the latest round of the Mahurangi Action Plan's Landowner Assistance Fund (LAF) for endorsement.

B.1.2 BACKGROUND

The Landowner Assistance Fund (LAF) is a cornerstone of the Mahurangi Action Plan (MAP) and aims to enable restoration and improvement projects in the Mahurangi catchment. MAP is part of the Sustainable Catchments Programme and is a catchment based restoration programme targeted at reducing sediment inputs and restoring the health of the harbour. LAF projects typically involve fencing along streams, waterways and wetlands, undertaking riparian planting, retiring erosion-prone land, pest control and changing land management practices. The fund has been operational since 1 April 2005. Two priority sub-catchments have been identified, Duck and Dyers Creek.

The Environmental Management Committee has previously adopted the following:

- all applications must be on a cost-sharing basis, between the landowner and the ARC,
- the proposal must bring a new area under protection, and must provide benefits by preventing and/or mitigating erosion,
- there must be an on-going commitment to maintenance and management by the property owner, via a Memorandum of Understanding, QEII Covenant or similar,

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- the proposal must be designed to be self-supporting, without on-going financial contributions from the ARC,
- the proposal must comply with ARC's best practice requirements, as appropriate for the site.

Applications are considered under the following criteria:

- potential for sediment generation capacity from the area that is to be protected,
- effectiveness of the proposed control measures,
- whether property is in one of the priority sub-catchments,
- size of the area to be protected,
- current or potential ecological value of the area including whether the area is contiguous with an area of high ecological value, or located adjacent to areas that have been or are proposed for restoration,
- whether the proposed restoration involves the protection of a significant area of wetland,
- any strategic connections that support the overall goals of MAP,
- amount of any outstanding LAF works.

Operation of LAF

- The ARC funds up to seventy five per cent of the total costs of the project. This includes the costs of materials such as fencing, plants, weed spray, fertiliser, soil stabilisation matting and labour costs for fence installation and planting. Applicants provide the balance,
- a maximum amount of up to \$40,000 will be allowed per landowner per round,
- applications for other projects can also be made to the ARC Environmental Initiatives Fund in the same year,
- all landowners, community groups and environmental groups operating within the Mahurangi catchment are eligible to apply for funding,

Successful applicants are required to enter into a Memorandum of Understanding (MOU) with the ARC, and comply with the fund's terms and conditions.

B.1.3 MAIN REPORT

There is \$165,000 available to distribute in the current LAF round. Seventeen standard applications have been received. Each application was reviewed and evaluated against the assessment criteria. It is noted that the ARC has received applications for funding which exceed the total funding available. Twelve applications have been recommended by the Senior Panel for full funding, two for partial funding (see attachment one), and three are to be refused (see attachment two).

One non standard application was received from the Jane Gifford Restoration Trust (attachment three). The Trust's purpose is to restore the Jane Gifford, a 100 year old scow that is part of local maritime history. The trust aims to provide a living maritime heritage experience primarily to school children and young adults through one day educational trips. It is seen as potentially becoming an important flagship for the restoration of the Mahurangi harbour and catchment. The trust is seeking \$10,000 toward final fit-out costs to bring the Jane Gifford up to marine survey requirements thereby enabling it to begin the education trips. To date the trust has received approximately \$500,000 from other organisations and local community members. This application does not directly meet the primary criteria for the LAF, so has been refused. However, the Senior Panel did note the merits of the application and recommend the applicant be forwarded details of other funding opportunities.

B.1.4 FINANCIAL AND RESOURCING IMPLICATIONS

Funding is available within the current Annual Plan 2009/10 to the level recommended in attachment one.

B.1.5 LEGAL AND LEGISLATIVE IMPLICATIONS

All successful applicants will be required to enter into a MOU with the ARC.

If approved, six applications (see Attachment 4) will have to be sent to the Auckland Transition Agency (ATA) for final approval as they are over \$20,000 (GST inclusive) and impose obligations on the ARC after 30 June 2011 as applicants sign a MOUs to complete works within two years. It is likely that the MOUs will be signed in November 2009, with completion due by November 2011. There are no significant implications if approval is delayed through the ATA.

B.1.6 CONSULTATION

All landowners were consulted during the process.

ATTACHMENTS

- Attachment 1: - Summary of applications recommended for funding
- Attachment 2: - Summary of applications recommended for decline
- Attachment 3: - Jane Gifford Restoration Trust application letter
- Attachment 4: - Applications to be forwarded to Auckland Transition Agency (if approved)

RECOMMENDATIONS

- a) That the report be received.
- b) That the applications as outlined in Attachment 1 be approved (noting that six of these applications as listed in Attachment 4 will be subject to Auckland Transition Agency approval).
- c) That the applications as outlined in Attachment 2 be declined.

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Attachment 1

Summary of applications recommended for funding

Applicant	Summary of application	Funding Requested (GST excl)	Officer recommendation	Senior Panel recommendation
B. P. Schollum	0.465km of fencing	\$5,231.25	\$5,231.25	\$5,231.25 Standard conditions listed in Memorandum of Understanding.
M. Wech (on behalf of Matt Wech Family Trust)	0.306km of fencing and 1ha of planting	\$20,000.00	\$20,000.00	\$20,000.00 Standard conditions listed in Memorandum of Understanding.
Eric Bernard Schollum	0.602km of fencing	\$12,705.00	\$12,705.00	\$12,705.00 Standard conditions listed in Memorandum of Understanding.
Arapohue Bush Camp Trust Board	0.244km of fencing	\$2,916.00	\$2,916.00	\$2,916.00 Standard conditions listed in Memorandum of Understanding.
B. & N. Schollum	Alternative water supply project and 1.33km of fencing	\$23,679.58	\$23,679.58	\$23,679.58 Standard conditions listed in Memorandum of Understanding.
Dietmar and Patricia Meyndt	1.475km of fencing and completion of the alternative water supply on the property	\$11,000.00	\$11,000.00	\$11,000.00 Standard conditions listed in Memorandum of Understanding.
Solway Deer Farm Ltd	1km of fencing and 1 ha of planting	\$19,350.00	\$19,350.00	\$19,350.00 Standard conditions listed in Memorandum of Understanding.
Star Valley Farms Ltd	2.194km of fencing	\$20,000.00	\$20,000.00	\$20,000.00 Standard conditions listed in Memorandum of Understanding.
Robert Stevenson	0.807km of fencing and 0.8ha of planting	\$18,025.39	\$18,025.39	\$18,025.39 Standard conditions listed in Memorandum of Understanding.
Paul & Michelle Hilliam	0.3km of fencing and 1 ha of planting	\$20,000.00	\$20,000.00	\$20,000.00 Standard conditions listed in Memorandum of Understanding.
Brigitte Von Leonhardi	0.739km of fencing	\$6,651.00	\$6,651.00	\$6,651.00 Standard conditions listed in Memorandum of Understanding.
Edwin Simperingham	0.9km of fencing	\$3,588.54	\$2,700.00	\$2,700.00 Standard conditions listed in Memorandum of Understanding.
Brian T. Hall	0.15km of fencing and 2 ha of planting	\$12,303.34	\$2,303.44	\$2,303.44 for fencing only, as applicant's property is not located in a priority or secondary sub-catchment. Therefore, this application received a lower ranking. Standard conditions listed in Memorandum of Understanding. Additional condition: <ul style="list-style-type: none"> • funding to be used towards fencing only
Total		\$164,561.66		

Summary of applications recommended for decline

Applicant	Summary of application	Funding Requested (GST excl)	Officer recommendation	Senior Panel recommendation
The Jane Gifford Restoration Trust	Fit-out costs to bring the Jane Gifford up to marine survey requirements	\$10,000.00	\$0	\$0 Crs noted the merits of this application. However the project did not fit with MAP LAF funding criteria. Applicant to be sent a copy of the Environment & Heritage Funders Guide 2009, which includes details relating to the Coastal Enhancement Fund.
Murray and Christine Greig	Replacement planting of plants	\$10,500.00	\$0	\$0 Funding requested for maintenance of a previous planting project. The MAP LAF MoU notes that the maintenance of a planting project is the responsibility of the landowner.
Hamatana Grange	1.1km of fencing and 1ha of planting	\$32,990.00	\$0	\$0 Application unsuccessful due to insufficient funds. Low rank due to outside priority sub catchments. Applicant to be sent a copy of the Environment & Heritage Funders Guide 2009 and been signposted to Tree for Survival as another source of funding.
Neil and Barbara Hamilton	3ha of planting	\$20,000.00	\$0	\$0 Application unsuccessful due to insufficient funds. Low rank due to outside priority sub catchments. Applicant to be sent a copy of the Environment & Heritage Funders Guide 2009 and been signposted to Tree for Survival as another source of funding.

Jane Gifford Restoration Trust application letter

31st July 2009

Kim Morresey
Project Leader
Mahurangi Action Plan
Auckland Regional Council
AUCKLAND

APPLICATION FOR A DONATION TOWARDS THE WORK OF THE JANE GIFFORD RESTORATION TRUST

Please find the enclosed application from the Jane Gifford Restoration Trust for a donation from the Auckland Regional Council.

The Jane Gifford Restoration Trust was established in 2005. The Trust comprises two trustees – local lawyer Hugh Gladwell of Dyson Smythe & Gladwell (solicitors) and businessman Peter Thompson of Econoshift Limited, a construction company. The Trust is incorporated as a board under the Charitable Trusts Act and has charitable status through the Inland Revenue Department.

The steering committee is comprised of 10 volunteers who are local business professionals. Their roles vary from media relations, business development and fundraising.

We are keen to stress that we are the latest owners of the Jane Gifford and are entirely different and separate from the previous owners of the Jane Gifford (the Jane Gifford Trust) who attempted, but failed, to restore the Jane Gifford in 2001-2004 due to costs being too high.

Jane Gifford is a 100 year old sailing scow and is the last of her type in New Zealand. From 1870 to 1930, about 130 scows used to ply New Zealand's waters, mostly as transport "workhorses".

The Jane Gifford Restoration Trust exists to restore an iconic piece of local maritime history and to provide a living maritime heritage experience to the people of New Zealand, in particular school children and young adults (ages 7 to 20), through the restoration and operation of the Jane Gifford, primarily for one day educational trips.

Predominantly, the Jane Gifford Restoration Trust will serve the North Rodney community since "The Jane" (as she is affectionately known) has strong local ties. However, we will promote the use of the vessel by school children and community groups in the greater Auckland area.

As well as carrying school children and community groups for day trips during the week the Jane Gifford can play an active role in the implementation of the Mahurangi Action Plan. With her shallow draft she can carry people and plants to all parts of the foreshore for replanting and other enhancement work. She could become symbolic of the values of the Mahurangi Action Plan stands for and a useful tool to help implement the plan.

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Just as it has on land, past human activity has made an extensive mark on all aspects of the present, coastal and marine environment. Taking a trip on “The Jane” will increase knowledge of the historic dimension of our coastal and marine environment.

The Jane Gifford’s educational programme will play an important part in ensuring that North Rodney’s historical identity contributes to everyone’s quality of life and in educating people on the place of maritime tradition in our past, present and future. The Jane Gifford Education Programme will also include aspects of Marine Conservation since we have a shared responsibility to educate and understand the impact of maritime activities on our marine and coastal life.

The Jane Gifford has been restored and was relaunched on the 14 May this year. She is moored on a permanent pontoon at the Warkworth Wharf which has been donated by the Rodney District Council. Before the Jane Gifford can become operational further funding is required for a final fitout to bring her up to marine survey requirements. The restoration has not just been about restoring an old boat, it is about preserving a piece of local, iconic maritime history and breathing life into it so that it can be given back to the community for future generations.

The project has received generous donations from Pub Charity, ASB Trust, Sky City Community Trust, local businesses, private individuals and from externally organised recipient charity events where the Jane Gifford Restoration Trust was the recipient charity.

Thanks to the dedication and skill of boat builders and many volunteer labourers, structural restoration is completed and ready for painting almost one year ahead of forecast and The Jane is unrecognisable from her rotten and neglected former self.

We **enclose** copies of the following letters of support from:

1. The Rodney District Mayor – Penny Webster;
2. Alistair Tolmie – Manager of the Warkworth i-Site Visitor Information Centre; and
3. Harold Kidd – Marine Historian

We hope that the information we have provided paints a clear picture of who we are, our vision and our needs. However, if there is any more information that you require in order to make a decision, please do not hesitate to contact us.

We remain constantly grateful for any assistance that you might be able to provide us with and would like to take this opportunity to thank you for the work that you do for so many organisations in our community.

Yours faithfully

PG Thompson – Trustee

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4 September 2008

Ref: CG/1/1

TO WHOM IT MAY CONCERN

Jane Gifford Restoration Trust

As Mayor of Rodney I confirm that the Rodney District Council strongly supports the restoration of the "Jane Gifford" by the Jane Gifford Restoration Trust.

The object of the Trust is to restore the Jane Gifford because of its historical significance and also because of the wonderful benefit it will provide to thousands of school children, young people, and other members of the community when it is operating as a heritage sailing vessel.

The Rodney District Council have approved a permanent berth for the Jane Gifford at the new Warkworth Wharf. I expect that the vessel will be a significant tourist attraction in Warkworth.

The Jane Gifford is of great historical significance to the Rodney District. The vessel is 100 years old this year and it richly deserves to be preserved because of its association and its long history serving the Rodney District. I understand that the vessel carried road metal which was used to form some of the early roads in Rodney from the Public Works Department Depot at Motutara Island. It carried shell to the Wilson Cement Works which is situated on the Warkworth River. The Cement Works have in recent years been acquired by Rodney District Council as a reserve and are presently being developed for public use. I believe the Jane Gifford is almost the last of the working scows which were built in this area and there is a special significance to the vessel being kept in the Rodney District.

I have great faith in Peter Thompson as Project Manager and one of the trustees of the Trust. Peter Thompson has a long history of community service. He was instrumental in the redevelopment of the Warkworth waterfront and he is involved with Council in the building of an historic walkway from the Warkworth Town Wharf through to the old Cement Works. He has done a great deal to assist in the beautification of Warkworth in particular in promoting the enhancement of the Lucy Moore Park which is a great asset to the area.

The restoration of the Jane Gifford is now in its final stages and I understand it has been a successful project. We look forward to the completion and launching of the vessel within the next six months. I commend the project to you and believe that it is very worthy of your support.

Kind regards

A handwritten signature in cursive script that reads "Penny Webster".

Penny Webster
MAYOR

FROM THE MAYOR'S OFFICE

Telephone (09) 426 5169, Facsimile (09) 426 7280.
Correspondence to: Rodney District Council, Private Bag 500, Orewa, New Zealand

Jane Gifford Trust.doc

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Warkworth

1 Baxter St.; Warkworth New Zealand – Phone 0064-9-425 9081 – Fax 9-427 3775
Email:service@warkworth-information.co.nz – Website:www.warkworth-information.co.nz

9th September 2008

TO WHOM IT MAY CONCERN

I am the Manager of the Warkworth i-SITE Visitor Information Centre.

The operation of the vessel “Jane Gifford” from the berth provided by Rodney District Council in the Warkworth Town Basin will be a significant tourist attraction for Warkworth. The vessel is of considerable historic significance and I understand it is now more than 100 years old. The vessel will be one of the most notable attractions in the whole district and having her on the river at Warkworth will not only beautify the town and provide a central attraction at the wharf but it will also draw a tremendous amount of interest, not only from locals but also from visitors to our area.

I understand that the Jane Gifford is quite unique as the last of the fleet of historic scows which has been returned to sail and that she will be available for the public to use and enjoy. The project has attracted a great deal of interest both from overseas visitors and visitors to Warkworth from throughout New Zealand. The restoration of the Jane Gifford will not only ensure that the vessel is preserved as a living museum piece but I believe it will also provide a wonderful opportunity for many children, young people, and members of the extended community to share in the experience of reliving part of our history. We wholeheartedly support the restoration project and see ourselves playing a part in promoting this wonderful vessel to locals and visitors alike.

Kind regards

A handwritten signature in black ink, appearing to read 'Alistair Tolmie', written over a horizontal line.

Alistair Tolmie
Manager
Warkworth i-SITE Visitor Information Centre

KIDD TATTERSFIELD MACLEAN

BARRISTERS & SOLICITORS

416 Glenfield Road, Glenfield
PO BOX 40-294, GLENFIELD
AUCKLAND, NEW ZEALAND
DX BP64509, GLENFIELD

Phone (09) 443 7433 Fax (09) 443 7434

www.kiddtattersfield.co.nz

3 September 2008

Jane Gifford Trust
C/- Dyson Smythe
Solicitors
DX AA25502
WARKWORTH

I am a marine historian specializing in the history of pleasure craft and trading vessels around the New Zealand coast. I have written several books on the subject with my co-author Robin Elliott including *Southern Breeze* published by Penguin Books in 1999, several monographs on boatbuilders and yachting personalities for the Dictionary of NZ Biography, several entries on the subject in *Te Ara*, for the National Library of NZ, books on the history of the Logan boatbuilding family, the marine photographs of Henry Winkelmann, an illustrated work on New Zealand launches, and several yacht club histories. I have also co-written a monthly *Vintage Viewpoint* column in *Boating New Zealand* and other publications for the last 20 years and numerous articles for eg *NZ Geographic* and overseas publications. I advise the Ministry of Culture and Heritage on the Protected Objects Act. I have been a committee member of the Classic Yacht Association of New Zealand for many years and a founding trustee of the Auckland Traditional Boatbuilding School Trust.

I have followed the fortunes of *Jane Gifford* for many years and must say that I am most impressed by the work done by the Jane Gifford Restoration Trust. It has carried out a faithful job of reinstating *Jane Gifford* to a close resemblance to its original form despite the fact that it had been almost destroyed by previous botched restorations. The Trust has been dedicated and intelligent in its aims. I consider the end-result to be highly successful.

Jane Gifford was built by D.M. Darroch at Big Omaha on the Whangateau Harbour in 1908 and was one of the last traditional square-bilge deck scows built near Auckland. She was registered at Auckland on 9th April 1908 under No. 127871 with registered dimensions of 67.1ft length between perpendiculars, 18.6ft beam and 4.1ft draft. *Jane Gifford* is a particularly handsome vessel of her type. She had a multitude of owners, but her most famous owner was Reginald Eton

Principals: HAROLD DESMOND KIDD B.A. LL.B
JOHN GUY TATTERSFIELD B.A. LL.B
ALISTAIR GAVIN MACLEAN MA (Hons) LL.B
Staff Solicitor: ANGELA JANE BEAGLEY B.A. (Hons) LL.B
Legal Executives: RITA JOAN NOLAN
KATHRYN ANNE CECELIA WYND

Applications to be forwarded to Auckland Transition Board (if approved)

Applicant	Summary of application	Funding Requested (GST excl)	Officer recommendation	Senior Panel recommendation
M. Wech (on behalf of Matt Wech Family Trust)	0.306km of fencing and 1ha of planting	\$20,000.00	\$20,000.00	\$20,000.00 Standard conditions listed in Memorandum of Understanding.
B. & N. Schollum	Alternative water supply and 1.33km of fencing	\$23,679.58	\$23,679.58	\$23,679.58 Standard conditions listed in Memorandum of Understanding.
Solway Deer Farm Ltd	1km of fencing and 1 ha of planting	\$19,350.00	\$19,350.00	\$19,350.00 Standard conditions listed in Memorandum of Understanding.
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Paul & Michelle Hilliam	0.3km of fencing and 1 ha of planting	\$20,000.00	\$20,000.00	\$20,000.00 Standard conditions listed in Memorandum of Understanding.

B.2 RESOURCE MANAGEMENT (SIMPLIFYING AND STREAMLINING) AMENDMENT ACT 2009 - CHANGES TO HEARINGS PROCEDURES

L256-R01-03

Janine Bell, General Manager, Regulatory Services; Elizabeth Wells, Group Manager, Consents and Compliance Water; Bruce Thomas, Group Manager Democracy Services: 25 September 2009

The report has been prepared in accordance with the provisions of section 76 and 77 of the Local Government Act 2002, having regard to section 79.

B.2.1 PURPOSE

The main purpose of this report is to inform the Environmental Management Committee (EMC) of the changes in provisions in relation to resource consent hearing procedures as a result of the enactment of the Resource Management (Simplifying and Streamlining) Amendment Act 2009 (RMAA 2009). It also discusses the issue of costs for resource consents and presents a recommendation to decrease the costs of some resource consent hearings.

B.2.2 BACKGROUND

The RMAA 2009 came into force on the 1 October 2009. All consent applications lodged from that day onward must be processed under the provisions of the RMAA 2009. Applications lodged prior to that date continue to be processed under the previous provisions as if the RMAA 2009 had not been enacted.

B.2.3 MAIN REPORT

The RMAA 2009 changes a number of provisions in the Resource Management Act (RMA) that have implications for resource consent hearings and decision making. The main changes relate to statutory timeframes for closure of a hearing, the deletion of the ability to double timeframes without the applicant's consent and the provision for the applicant or submitter(s) to request an application to be heard by a panel of independent commissioners and for the costs associated with that to be paid by the applicant or the submitter(s).

Statutory timeframes

The RMAA 2009 has removed the ability to double timeframes, without the consent of the applicant. Timeframes can now only be doubled with the applicant's consent or if there are special circumstances. What constitutes a special circumstance has not been exactly defined, but the RMAA 2009 does say that they could exist by reason of the scale or complexity of the matter being considered. In reality it means that decisions on a hearing must be released within 15 working days of the hearing being closed, with only limited ability to increase this timeframe. Further to this, if time frames are not met then the applicant may be able to request a discount of the costs once the new discount regulations are introduced by June 2010.

In order to meet timeframes, in relation to releasing the decision, reasons for the decision will need to be clearly documented by commissioners and provided as soon as possible to officers after close of deliberations to ensure that the actual decision report can be drafted up within the timeframes.

Hearing Closure

Opportunities for adjournments to a hearing are now considerably restricted. If a hearing is adjourned after the applicant's right of reply, it must now be closed within 10 working days of the applicant's right of reply being exercised. Setting adequate time periods for hearings, which include time for deliberations as soon as possible after the close of the hearing, will now be even more important. It is proposed that additional time for deliberation is set aside for all hearings from the outset and commissioners will be advised of the time and need to be available. Legally the hearing is still in progress while deliberations are underway, although the public is excluded.

Decision Reports

Hearing decisions must state the principal issues that were in contention, but now only need to discuss the main findings in relation to those principal issues in contention rather than the main findings of fact as required previously. The decision may now also cross refer to the applicant's "Assessment of Environmental Effects" report (AEE) and the officer's report or any report commissioned at the hearing to inform the commissioners or adopt all or parts of those AEE's or reports, rather than repeat material. This may result in some time savings in writing the decision report.

Use of Independent Commissioners

The RMAA 2009 now provides that if requested, by the applicant or a submitter, a consent hearing must be heard by one or more independent commissioners who are not elected representatives. This request can be made at any time up to five working days after close of submissions. Independent commissioners requested by applicants/submitters will still be appointed by EMC and will be selected from the list of certified independent commissioners that is currently used and on a similar basis of relevant expertise and knowledge of the consent subject matter. All chairs of hearings panels and majority of any of the members must be accredited under the requirements of section 39B of the RMA. The "Making Good Decisions" programme was approved by the Ministry for the Environment as a qualification for accreditation. The report to EMC asking for the assignment of commissioners will advise of the request and recommend some accredited independent commissioners for EMC to consider appointing. The RMAA 2009 provides that if independent commissioners are requested by the applicant that the costs would be met by the applicant and if requested by a submitter(s), that the difference in costs between using elected representatives as commissioners and independent commissioners would be borne by a requesting submitter or shared equally between the requesting submitters.

Hearing Costs

The provision allowing independent commissioners to be requested brings to the fore the issue of the costs associated with the processing of resource consents. The costs of notified consent applications and resource consent hearings have lately been the subject of a number of enquiries and objections from applicants.

Section 36 of the RMA allows council to fix a deposit for a hearing and recover any additional charges that may be incurred provided they are actual and reasonable. Currently a hearing deposit, as fixed in the 2009/10 Schedule of Fees and Charges is \$3000.00 per day. If three independent commissioners are used their charges alone would probably be at least \$3600 (based on an average rate of \$150.00 per hour) without taking into account the costs for Democracy Services and the reporting officer(s). It is recommended that setting the hearing deposit to more accurately

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reflect the actual costs of a hearing would give applicants a more accurate idea of actual costs and help avoid complaints and objections at the invoice stage.

The other requirement is that costs associated with RMA processes need to be reasonable. Whilst there may be a number of reasons/circumstances where it is important to have three commissioners, eg large complex applications where technical knowledge is needed on the panel and where “three heads would be better than one”, there may be a number of times when a lesser number of commissioners can hear and decide an application. Currently only one commissioner is required to hear and decide objections to the costs of applications when a hearing is required.

Recent examples have shown that hearings alone, particularly when independent commissioners are used, can cost as much as the consent processing (lodgement, evaluation and review, report writing etc). In one example where the applicant was a private individual and the activity was for a small private structure in the coastal marine area, the total costs incurred were \$46,000 of which \$23,000 solely related to the hearing. This was mainly because of the length of the hearing which took three and a half days as 20 submitters appeared. Three commissioners – two independent with one elected representative- heard the application. In another example where the application was for an events centre, the hearing took five days and cost \$81,000 of which \$39,000 was for three independent commissioners alone.

In both instances savings to the applicant could have been made through using elected representatives and/or reducing the number of commissioners. A reduction in the number of commissioners (independent or otherwise) for consent hearings would need a change to ARC standing orders. If this was considered appropriate, guidelines as to when to use less than three commissioners would be useful. Suggested guidelines include:

- the application is for a relatively minor or straightforward matter
- the applicant is a private individual
- the consent application involves a private activity/structure and there would be no opportunity for commercial gain through the exercise of the consent
- three or less submitters wish to be heard.
- the applicant or submitter(s) have requested independent commissioners.

The decision to have less than three commissioners could be made by EMC through the standard assignment of commissioners report. It should be noted that if only one commissioner was to be appointed they would need to be accredited under section 39B of the RMA. Whilst a “chairing endorsement” on their accreditation is not required to chair a hearing, it may be appropriate that a sole commissioner should have this additional certification. This would ensure that they are experienced at chairing hearings and have completed an advanced decision making course through the Ministry of the Environment.

Auckland Regional Council Standing Orders

As discussed, the ability to appoint less than three commissioners to hear and decide resource consents would require some revision to the ARC standing orders. These currently require three commissioners to be nominated to hear resource consent applications (with a quorum of two). In order to allow commissioners, either elected members or independent commissioners, to sit alone or have less than three on the

hearings panel, the following amendments are suggested for the committee's consideration. N.B the suggested amendments are in bold.

“3.1.4 Resource Consents

As far as practical resource consent hearings convened as commissioner hearings under the Provisions of the Resource Management Act 1991 shall follow the principles of these standing orders.

3.1.5 Special Meetings Convened for the Purpose of Hearings

When any hearing is held under the Resource Management Act 1991:

- a) *When a committee meeting is convened to hear **and decide** any matter under the Resource Management Act 1991, the quorum for special hearing meetings shall **normally** be two elected members of the Council.*

*The number of persons nominated for hearing meetings (other than joint hearings) shall **usually** be three.*

The Environmental Management Committee may appoint fewer than three commissioners (independent or otherwise) to hear and decide applications under special circumstances which may include at least one of the following:

- **the application is for a relatively minor or straightforward matter**
 - **the applicant is a private individual**
 - **the consent application involves a private activity/structure and there would be no opportunity for commercial gain through the exercise of the consent**
 - **three or less submitters wish to be heard.**
 - **the applicant or submitter(s) have requested independent commissioners.**
- c) *When a committee meeting is convened to hear **and decide** any matter under s. 102 of the Resource Management Act 1991 in conjunction with any other consent authority, the quorum for the meeting **is two commissioners either elected members of the Council, or independent commissioners or a combination.***
- d) *On all other occasions the quorum of a committee shall be determined by Council in accordance with Standing Order 2.4.4.”*

B.2.4 FINANCIAL AND RESOURCING IMPLICATIONS

The use of fewer commissioners for certain hearings may reduce costs for applicants and help streamline the deliberation and decision making process. It should be noted that failure to meet statutory timeframes under the RMAA 2009 could also result in discounted processing costs for the applicant, albeit at the expense of the ratepayer.

B.2.5 LEGAL AND LEGISLATIVE IMPLICATIONS

ARC standing orders would need to be amended to provide for fewer than three commissioners to hear and decide resource consent applications.

B.2.6 CONSULTATION

This report has been prepared in consultation with Democracy Services

RECOMMENDATIONS

- a) That the report be received.
- b) That it be recommended to Council that the Auckland Regional Council standing orders be amended, to allow the Environmental Management Committee the discretion to appoint fewer than three commissioners (independent or elected representatives) to hear and decide resource consent applications, under special circumstances which may include at least one of the following:
 - the application is for a relatively minor or straightforward matter
 - the applicant is a private individual
 - the consent application involves a private activity/structure and there would be no opportunity for commercial gain through the exercise of the consent
 - three or less submitters wish to be heard.
 - The applicant or submitter(s) have requested independent commissioners.

B.3 ASSIGNMENT OF INDEPENDENT COMMISSIONERS TO NON NOTIFIED AUCKLAND REGIONAL COUNCIL CONSENTS C512-01

*John Kennedy and Samantha Langdon, Consents and Compliance Officers,
Regulatory Services: 7 October 2009*

This is a routine report to appoint a Commissioner to a non notified consent.

Applicant	Auckland Regional Council
File No.	21540
Consent Activity:	Application numbers 37322 and 37323 for dam surface water & streamworks.
Independent Commissioners Required	<p>The file relates to a non notified consent that the Auckland Regional Council requires to create a wetland forebay in an unnamed tributary of the Puhinui Stream to assist in providing additional stormwater treatment for the lakes at the Auckland Botanic Gardens, Manurewa.</p> <p>It is recommended that an independent commissioner be appointed to review and make a decision on this consent to avoid a perceived conflict of interest, as the Auckland Regional Council is the applicant.</p>
Proposed Commissioner:	Mrs Gwen Bull
Proposed Alternate:	Ms Jennie Hoadley

Applicant	Auckland Regional Council
File No.	21463
Consent Activity:	Application numbers 37166 and 37167 for Earthworks and Stormwater Discharge.
Independent Commissioners Required	<p>The file relates to a non notified consent that the Auckland Regional Council requires to authorise the earthworks and stormwater discharge associated with the extension to the Hunua Falls carpark.</p> <p>It is recommended that an independent commissioner be appointed to review and make a decision on this consent to avoid a perceived conflict of interest, as the Auckland Regional Council is the applicant.</p>
Proposed Commissioner:	Jennie Hoadley
Proposed Alternate:	Les Simmons

RECOMMENDATIONS

- a) That the report be received.

For consent application 37322 and 37323:

- b) That independent commissioner, Mrs Gwen Bull be delegated authority to grant or refuse consent, and to determine appropriate conditions of consent on behalf of the Auckland Regional Council in the above non-notified consents.
- c) That an alternate independent commissioner, Ms Jennie Hoadley, be delegated authority to grant or refuse consent, and to determine appropriate conditions of consent on behalf of the Auckland Regional Council in the above non-notified consents, if required.

For consent application 37166 and 37167:

- d) That independent commissioner, Ms Jennie Hoadley, be delegated authority to grant or refuse consent, and to determine appropriate conditions of consent on behalf of the Auckland Regional Council in the above non-notified consents.
- e) That an alternate independent commissioner, Mr Les Simmons, be delegated authority to grant or refuse consent, and to determine appropriate conditions of consent on behalf of the Auckland Regional Council in the above non-notified consents, if required.

**B.4 ASSIGNMENT OF COMMISSIONERS TO RESOURCE
CONSENT HEARINGS
C512-01**

Theresa Pearce, Hearings Coordinator: 1 October 2009

This is a routine report to appoint Commissioners to Resource Consent Hearing panels.

No appointment of commissioners is required at this meeting.

RECOMMENDATION

That the report be received.

**B.5 DELEGATION OF SETTLEMENT OF COURT PROCEEDINGS
C512-12**

Janine Bell, General Manager, Regulatory Services: 1 October 2009

This is a routine report updating the committee on aspects of the committee's function.

No change of decisions under appeal required this month.

RECOMMENDATION

That the report be received.

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C.1 REPORT FROM GENERAL MANAGER

C736-P266-04, E01

Louise Mason, General Manager Programmes and Partnerships and Janine Bell, General Manager Regulatory Services: 3 September 2009

This report has been written to briefly update the committee on a range of issues and progress on the committee's work programme. Any matters that the committee requires information or action on, can be reported to the next meeting.

C.1.1 INFORMATION SPECIFIC TO THIS FUNCTION

This report provides the committee with an update of the programmes that fall under the responsibilities of the Environmental Management (EM) Committee.

C.1.2 PROGRAMMES AND PARTNERSHIPS

Environmental Programmes

Stormwater

The Stormwater Action Team facilitated the annual sediment and stormwater field day on 17 September at the Botanic Gardens. The field day was attended by over 300 delegates from local councils, environmental and civil engineering consultancies, earthworking contractors and stormwater proprietors. Following an opening by Cr Glenn, participants initially heard from three keynote presenters:

- New Zealand Transport Agency discussing their proposed erosion and sediment control guidelines.
- David Low from the New Zealand Contractors Federation (NZCF) presented on the partnership between regional councils and NZCF.
- Clare Feeney (environmental consultant) presented on the elements of risk between environmental outcomes and business endurance.

The presentations were followed by three practical demonstrations including a discussion on building a vegetated swale, site management on small construction sites, and chemical flocculation.

Overall the field day was well received by participants, with many comments stating this was one of the best the ARC has organised and delivered.

Botanic Garden Vegetated Swale

During early September, the Stormwater Action Team supervised the construction of a vegetated swale at the Botanic Gardens. The development of the swale was one recommendation from a comprehensive review of the potential for a Low Impact Design (LID) approach to assist stormwater management issues at the Botanic Gardens completed during the 2008-2009 financial year. In this instance, the vegetated swale was constructed to manage and reduce nutrient inflow entering the Botanic Garden ponds which has been causing water quality and weed issues.

As well as being an effective stormwater treatment method, the vegetated swale will serve as an excellent example of this type of treatment measure for stormwater management. There are few well designed vegetated swales within the Auckland region and the Team is keen to promote this one as an example of best practice in. Both video and still photography were taken during the construction of the vegetative swale for ongoing education purposes. These media will be used to enhance training courses, such as the TP 10 (design of stormwater devices) course.

Mahurangi Action Plan

The focus over the past month in this programme has been on progressing the Mahurangi Catchment Plan. Two community meetings were held in September to progress the Plan and these were attended by approximately 20 people at each. The recent northern boundary issue has generated a sense of urgency to get on with the development of the plan, and should assist in progressing its development over the coming months.

Watercare Projects

Planting has been completed for this season, and ongoing weed control will be undertaken through the remainder of the year. Additional project management funds are being sought from Watercare.

Whangateau Project

Following the endorsement of the Whangateau Implementation Plan at the Environmental Management Committee (EMC) on the 15 September, the team have concentrated on progressing the implementation of the plan. Work has been undertaken on funding to support a Masters student project to study the effects of the causeway on sedimentation in the harbour, a study into forestry in the catchment, and planning for a further two community meetings.

Landfill Aftercare

ARC has been progressing the resolution of a cost dispute with Envirowaste Services Ltd for gas remediation works at the Rosedale landfill. Cost breakdowns provided by ESL are showing some costs incorrectly put to routine maintenance tasks, and also budget overruns in routine maintenance. These issues are being worked through and a meeting is scheduled for 30 September to progress these issues.

Cockle Mortality in the Whangateau Harbour

The mortality of cockles in the Whangateau Harbour was reported to the Environmental Management Committee in July. The report documented the timing and extent of the mortality and postulated four potential causes; heat stress, parasites, toxic algae and other as yet unidentified cause. The Ministry of Agriculture and Forestry - Biosecurity New Zealand (MAFBNZ) have completed their investigations and released their findings on 21 August 2009.

MAFBNZ determined that the mortality was the result of a number of coinciding factors. It appeared cockles were weakened by an environmental event such as heat stress which left them susceptible to infection by two separate pathogens; one a parasite infecting their gills and the other a mycobacterium. The coccidian parasite involved is not uncommon in shellfish. Mycobacteria are free living bacteria commonly occurring in aquatic environments, although this is the first time it has been found in a mollusc.

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The mortality appears to have ceased in May. However, the extent of the mortality has led the Ministry of Fisheries (MFish) to work with iwi and community to implement harvesting restrictions to allow the beds a chance to recover. If the community supports the initiative, MFish aims to have this in place before the summer harvesting period begins. It is likely that restrictions would be harbour wide and include pipis as well as cockles.

Ongoing MFish and community monitoring of shellfish beds will be important. Community monitoring is currently supported by the Hauraki Gulf Forum (through ARC) and it is important that this support continues so the group can maintain their important data record.

Long term monitoring of cockles in the harbour has shown a reduction in the larger size classes, a population structure consistent with harvesting pressure (as larger individuals are targeted). MFish will also be talking with the community about longer term management options for the harbour to ensure long term sustainability of this important resource.

Partnerships and Community Programmes

Environmental Initiatives Fund

The EIF Senior Panel had to make some difficult decisions and declined 93 of this year's 200 applications. 105 projects were funded to a total of \$450,174 with an average grant of \$4,287. A further 20 coastal and riparian fencing projects may possibly receive funding through the half yearly financial amendment process. A full report on EIF is being prepared for the November committee meeting.

Ecocare

The Ecoevents website received 97,761 hits and 6,514 (unique) visitors made 12,328 visits. As part of International Coastal Clean Up Day initiatives, twenty students from James Cook High School collected 66kg of rubbish from Oruarangi Beach, 60 volunteers collected 500kg of rubbish from Cornwallis Beach and a further 30 cleaned up Whatipu. All the results have been added to the International Ocean Conservancy Database. Stickers with a marine debris message have been distributed to 2000 small boat owners.

Diverse Communities

106 new migrants took part in two Orientation Bus Trips organised in partnership with Unitec's Waitakere campus and the Manukau Office of ARMS. Thirty people from the Glen Innes Cook Island community took part in a sustainable gardening workshop at the Botanic Gardens.

Wai Care

1,600 school children took part in Conservation Week activities (including Wai Care) at Auckland Zoo. The Wai Care Annual Report is now complete and shows that around 10,000 people have been involved in Wai Care across the region in the last year. A report on the Wai Care Programme has also been prepared for this committee meeting.

Waste Programmes

HazMobile collections were held in Howick and Birkenhead in September with 1,497 customers. Thirty-two new members joined the RENEW Waste Exchange bringing the total membership to 2,596. Three hundred and six enquiries were received for the month.

Motor oil product stewardship continues to develop with a draft Household Used Oil Recovery Programme being discussed with key industry stakeholders who have expressed a strong interest in the programme.

The ARC is participating with the Regional Waste Officers Forum in conjunction with MFE and the ATA on progressing a regional waste assessment.

Electronic Waste

In August the Environmental Management Committee asked that officers report back on progress and results in the recycling of electronic waste.

Companies involved in the collection and disposal of electronic waste were contacted to obtain statistical information on waste volumes collected. Of the seven companies and groups contacted, only one was able to provide statistical information. Three companies informed the ARC that they did not collect statistics on the material they collected, and another three refused to provide any data to the ARC, citing commercial sensitivity. The organisers of E day 2009 informed the ARC that they collected a total of 2,857kg of electronic waste in the Auckland region in 2009.

The ARC is working with these companies on updating of the ARC E Waste Factsheet and may be able to collect statistical data in the future as a result of continued negotiations.

Sustainable Schools

Learning Through Experience

37 school visits to regional parks were undertaken in September. This comprised 1,494 students, 82 teachers and 249 parents from 24 schools. Preparation for construction of the Children's Garden stage two has begun with the clearing of fences and plants. Staff are developing plans so that programmes may continue during the construction period. All venues are full booked for term 4 with over 3500 students unable to be accepted for programmes since July.

Enviroschools

There have been 25 facilitation visits to Enviroschools over the month of September supporting the development and delivery of the Enviroschools programme.

Teachers from ten schools took part in a bus tour of Enviroschools on the North Shore in September. The annual entries for the national scrapbook were compiled and annual reflection meetings on progress have begun for all Enviroschools.

Youth Development

September has been another eventful month for students involved in the Youth programme. 44 emails have been received from students advising the ARC of progress on actions taken. A number of students have met with MP's Nikki Kaye and

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Jacinda Adhern. Two students were interviewed on TV2 about their initiative to help the Enviroschools programme (SOS Enviroschools) and why they are so passionate about the environment. Letters have been sent to all secondary schools in the Auckland region seeking applications for the MAD Marine programme in December 2010 and six students from last year's programme have volunteered as student leaders.

Waste Education

There were 19 visits to schools for a range of activities including signing up schools for the 2010 WasteWise Schools programme, conducting waste audits, staff meetings and presentation of certificates. Owairaka School has conducted a second waste audit and results show they have reduced their waste to landfill by 42%.

C.1.3 REGULATORY SERVICES

Consents and compliance

Consent statistics

Consent processing timeframes for August 2009 are set out in Attachment 1.

In August 2009, 59 applications were received compared to 72 for the same period last year. Ninety four percent of non notified consents were processed within statutory timeframes. Eleven notified consents were received and processed within the statutory timeframe.

Consent decisions

Attachment 2 sets out the decisions that were made on consent applications under officer delegations August 2009.

The following applications are highlighted for the committee's information:

- **Takapuna Boating Club Inc.** (consent number 31436) was granted a discretionary activity consent that allows for the repair and maintenance of the Takapuna Boating Club, a historic clubhouse (built in 1923), in accordance with the clubhouse conservation plan, and for the occupation of part of the coastal marine area with a tidal swimming pool. The tidal swimming pool, built at the same time as the clubhouse, forms part of the foundations for the clubhouse. The pool is currently in a state of disrepair. The proposed works include restoration of the clubhouse foundation piles, which necessitates the removal of some 100m³-120m³ of accumulated silt from round the piles, and replacement of rotten timber (interior and exterior), and eventual restoration of the tidal pool. The sediment excavated from round the clubhouse foundations will be temporarily stored in the tidal swimming pool before being disposed of off-site. ARC archaeologists have identified the tidal swimming pool as a structure that desirably should be restored in the future as a heritage item.
- **The New Zealand Transport Agency (NZTA)** (consent number 37014) was granted a discretionary activity consent that allows up to 92 subsurface steel piles to occupy part of the seabed in the Mangere Inlet. To enable the construction of the duplicate Manukau Harbour Bridge a temporary construction platform was erected across the Mangere Inlet. At the time the resource consents were granted for the construction of the duplicate bridge it was envisaged that the piles the temporary platform was constructed on would be removed when the temporary staging was decommissioned. However, it has become apparent to NZTA that the removal of some of the piles would be difficult, and between 42 and 92 steel piles may need to be cut off at approximately 500mm below seabed level and left insitu. NZTA will monitor the site to identify if the piles become exposed due to changes in seabed level. If they do NZTA will re-cut them to ensure they remain a minimum depth of 500mm below seabed level.
- **The Auckland City Council (ACC)** (consent number 37082) was granted a change of condition of consent, to consent number 34937 that allows ACC to resurface part of an existing reclamation at The Landing, Okahu Bay, Tamaki Drive. The change provides for an amended method and design for the resurfacing works, and an extension to the area to be resurfaced. ACC now

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proposes to resurface the entire boat launching ramp that forms the eastern edge of The Landing. The proposed works, over a 6000m² area, are part of ACC's redevelopment and upgrade of the facilities at The Landing.

- **The Auckland Regional Transport Authority** (consent numbers 37237 & 36609) was granted discretionary activity consent to authorise the construction, occupation and use of two new layover berths in the coastal marine area at the Half Moon Bay Ferry Terminal, Tamaki Estuary. The construction of the layover berths, each approximately 15m wide and 50m in length, includes the installation of seven piles to define the berths and enable mooring, and up to 2200m³ of capital works dredging to provide all tide access. The consent also provides for up to 500m³ of maintenance dredging on a one to three year basis. The layover berths are for use by local ferry operators, and will be managed by ARTA. The layover berths are to replace the current practice of beaching ferries on the foreshore in the general location of the proposed berths – running up on the high tide. The purpose of the proposal is to relieve this situation and improve operational procedures at the terminal.
- **Auckland City Council** (consent number 37149) was granted a restricted discretionary to allow a pumping test at Eden Park as part of investigations into the potential for flood mitigation at the stadium and surrounds. The test proposed to take 10,800 m³/day and 226,800 m³ over a period of up to three weeks and is part of preparation for the 2011 Rugby World Cup.
- **Watercare Services Limited** (consent numbers 35755, 36527, 36631, 36632, 36633, 36640, 36634, 36637, 36635, 36636, 36638, 36639, 36649, 36644, 36645, 36653, 36650, 36648, 36646, 36641, 36642, 36647, 36651, 36652 and 36643) have been granted consent to change to a condition of 25 consents for their five water supply dams in the Waitakere Ranges. These consents are to take surface water, dam water, maintain an existing structure being a dam in the bed of a stream, discharge water from scour valves and discharge water through spill flows and compensation flows. The Environmental Management Committee resolved on 21 July that the applications proceed on a non-notified basis. The change is to allow a delay in the requirement to provide flushing and compensation flows to the streams below the dams from the Upper Huia, Upper Nihotupu and Waitakere dams from September 2007 to June 2010, September 2009 and December 2008 respectively. This was because operational constraints necessitate that one dam is completed at a time and this, along with the magnitude of the work in upgrading pipe and valve infrastructure are the reasons the variation of timeframes was applied for. Only the Waitakere dam is providing compensation flows and this commenced in December 2008.
- **Watercare Services Limited** (applications 36633, 36634, 36636, 36637, 36642, 36643, 36646, 36647, 36652, and 36653) were granted non-notified discretionary consent to discharge water resulting from standard operation and maintenance activities at
 - Waitakere Dam, Waitakere,
 - Upper and Lower Huia Dams, Waitakere,
 - Upper and Lower Nihotupu Dams, Waitakere.

Each location has a pair of consents to permit spillway or scour-valve (operation and maintenance) discharges.

- **Warkworth Investments Ltd, Westwind Developments Ltd and Landsdale Developments Ltd** (consent numbers 36814, 36815 & 36816) were granted consent to undertake approximately 20ha of earthworks associated with stage 2 of a residential development at McKinney Rd, Warkworth. The proposal also included 150m of streamworks and damming of surface water associated with the construction of an online stormwater wetland. The application was processed on a non-notified basis. The applicant had obtained written approval from parties considered to be affected and had undertaken consultation with Iwi. In terms of the earthworks, the applicant outlined a robust construction methodology and proposed to implement erosion and sediment control devices in accordance with ARC TP90. The 150m of stream being reclaimed for the purpose of constructing an online stormwater pond, currently has no contributing stormwater runoff, as a result of the configuration of the outlet of an existing adjacent wetland. It was considered the proposed construction methodology to implement these works was appropriate. The applicant undertook a Stream Ecological Valuation assessment and 150m of riparian planting will be undertaken downstream of the wetland, as environmental compensation for the loss of stream. This has been included as a consent condition. All three consents were granted, subject to standard conditions.
- **Manukau City Council (MCC)**(consent numbers 36593, 35329 & 36595) was granted consent for earthworks, streamworks and stream diversion associated with the construction of a weir and ornamental pond beneath the Ormiston Road Bridge at Barry Curtis Park, Flat Bush, 163 Chapel Road. Overall the applications were classified as a non-complying activity. The applications were processed on a non-notified basis. Extensive consultation was held with community groups and Iwi and between staff of MCC, the ARC and engineering consultants regarding the best option for achieving the ornamental pond and ensuring there would be a continuous flow of water within the existing watercourse to the Otara Creek. The applicant provided detailed stormwater modeling as to the effects of the weir on the Otara Creek. Overall the works were considered to have no more than a minor effect on the environment. While the PARP:ALW generally does not support on-line dams, in this instance it was considered the on-line pond would enhance the existing recreational features of Barry Curtis Park and provide enhanced public facilities in this significant sub-regional park.

Status of consents under appeal

Attachment 3 sets out the status of consents under appeal. Over the last month one new appeal has been received from Sanford Limited, Viaduct Harbour Holdings Limited and Marstel Terminals Limited. It is in relation to the decision to grant an application to operate a Marine Events Centre and associated car parking on the Halsey Street Extension Wharf.

Pollution Response Team (PRT)

Events responded to by the PRT included the following:

- 3 September 2009, a Metrowater site in Penrose was seen to have sediment laden water in the kerb and channel on the road. Metrowater were dewatering a hole around a pipe they were working on, and were discharging the sediment laden water to the street with no effective controls. The contractor onsite arranged a vacuum truck to remove sediment from street and

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stormwater system. A please explain letter was sent out regarding this incident and Metrowater requested a meeting to discuss the incident as they saw it as a non-event, which the ARC should not have been involved in. Photographs of the incident were sent through to Metrowater which they admit contradicted what they thought occurred at the incident. They will now review their response. As a result of this and other incidents Metrowater and the PRT are working together to devise workshop training sessions for their contractors.

- 9 September 2009, a call was received regarding a concrete spill over about 2km of road in Western Springs. The company responsible were fully cooperative and hired equipment and contractors to clean up the spill. The road was originally swept with a road sweeper then water-blasted with sucker trucks for collecting the wastewater.
- 9 September 2009, complaints were received about a yellow sticky substance deposited on cars and property. The complainant believed the drops to be coming from overhead power lines. PRT attended and after investigations and liaising with Papakura District Council and Transpower, it was discovered that the droppings were from bees at nearby hives.
- 10 September 2009, a complaint about a white substance and dead eels in a stream in Mellons Bay was received, and on attending the site there were about 30 dead eels and a white substance sitting on the bottom of the stream. PRT were unable to identify the substance or trace where it came from, however, during investigations one resident advised they had noticed a solvent smell the day before. PRT removed the eels for disposal.
- 17 September 2009, an incident where a truck carrying fungicide chemicals rolled onto its side in Pukekohe. The lid of one of the containers opened and spilled approximately 50L of fungicide onto the road. The local volunteer fire department used absorbents and made earth bunds to contain spill. This initial response by the fire service aided the clean-up by the PRT.
- 21 September 2009, oil was reported to be in cesspits outside Olsen Automotive, on Rosebank Rd, Avondale. The team found 70-100L oil in the stormwater cesspits. The company was issued a field letter and called out a sucker truck to remove the oil. The company was also instructed to remove contaminated soils on their site. The PRT revisited the site on 25 September, when the site clean-up was underway, and the company was also building a new bunding system.
- Over the last few weeks there have been several complaints regarding oil in the Puhinui Stream off Cavendish Drive, Manukau, which originates from one stormwater outlet. The team have attended four times and organised clean-ups and absorbent booms have been left in the stream. To date it has not been possible to trace the source of the discharges. Absorbent pads have been placed at strategic points in the stormwater system to aid tracing in this large stormwater catchment.

Industry and community education and liaison included the following:

- 8 September 2009, a presentation was given to Firth concrete truck drivers at their plant in Penrose. The concrete industry is one of the main concerns for the PRT and accounts for a large proportion of incidents every year. The

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presentation included information on how to prevent and respond to spills. About 15 drivers were present and staff from Atlas Concrete also attended. The presentations will be repeated at 5 other depots in the near future.

- 9 September 2009, 'Operation First Light' an oil spill exercise run by the Harbourmaster's Office (HMO). The exercise took place at Orakei Boat Club and involved a rehearsal using a variety of Maritime New Zealand (MNZ) oil spill equipment. In the event of a marine oil spill, the PRT are all trained responders and will provide support under the direction of the HMO and MNZ.
- 9 September 2009, two members of the PRT attended an evening concrete seminar, held by the Cement and Concrete Association of NZ. Topics included the environmental revolution in concrete technologies and the relationship between concrete and climate change.
- The PRT have commenced undertaking joint inspections of hazardous substance locations with the New Zealand Fire Service (NZFS). The choice of locations is based on research work undertaken by the PRT and NZFS with mapping input from ARC GIS staff. The inspections will be based on the amount and types of substances based at locations with the most 'at risk' sites taking priority and will cover 1km square grids. All inspections so far have been in the tank farm area of central Auckland. The NZFS audit sites in relation to hazardous substance storage and management, while the PRT look at actual and potential pollution issues. This will be an ongoing project.
- Following several incidents involving fuel spills from overfilled buses, oil spills from roadside maintenance and leaking fuel tanks, the PRT did a mail-out to 12 major bus depots to advise on the importance of maintenance of vehicles, preventing and responding to spills.
- Planning has commenced for the next Pollution Awareness Exercise. The exercise will take on 21 October 2009, in an industrial catchment area within the Papatoetoe area. The PRT will be visiting a number of industrial sites looking for potential and actual pollution issues and educating industries on environmentally conscious working practices.

Rural Compliance Team

The Rural Compliance Team continued with the dairy compliance programme during August with 10 follow up inspections completed, and inspections of two new dairy sheds. An information pack explaining the dairy inspection process for the 2009/10 was sent out to all dairy farm owners and sharemilkers in the region.

Rural team officers met with Federated Farmers representatives for a run through of the new dairy inspection checklist. This was followed by a general discussion of rural compliance issues in the region.

Six rural pollution incidents were investigated (3 x agricultural spray drift, 3 x stock in waterways).

Officers from the rural team carried out a follow up survey of sediment controls on cultivated land in the Whangamarie catchment. Results from this survey will be compared with those from a survey of the same paddocks carried out last summer.

Members of the rural team attended the monthly meeting of the Pukekohe Vegetable Growers Association.

Investigations and Enforcement

The status of the current prosecutions is:

- Cash for Scrap – Bill Conway and Carol Down were each convicted of all (14) charges. Sentencing will be later in the year. The success of this prosecution will send a very strong message to other scrap metal dealers about the wisdom of complying with the Resource Management Act.
- Glen Innes fuel spill - the hearing has concluded and the decision is expected before the end of November.
- The person prosecuted for leaving dead cattle in watercourses has entered guilty pleas. Sentencing will be on 21 October 2009.
- The prosecution of Avalanche Coffee Ltd for odour offences continues. Avalanche Coffee has elected a jury trial. Depositions are likely to be in November unless the company enters guilty pleas.
- The prosecution of the owners and Master of the Thor Spring for the discharge of diesel into Waitemata Harbour when refuelling is going through the court process.
- The prosecution of the parties responsible for the sediment discharges at Bayside Drive in Browns Bay is continuing through the court process.
- The Holmes Logging Appeal was heard on 25 and 28 August 2009 and the Judge has reserved his decision.

HARBOURMASTER'S OFFICE

The Harbourmaster attended the naming ceremony for the new refuelling tanker "Awanuia" which is a joint venture between Ports of Auckland Limited and PB Seatow. This vessel commenced operations during the month, transiting to Marsden Point for loading and then returning to Auckland to supply their customers. Initial teething problems were experienced with the vessel and precautions were taken such as the standby of a tug boat during manoeuvring. These have largely been eliminated. The vessel is required to operate with a pilot until a special dispensation has been applied for and received from the Ministry of Transport.

Harbourmaster staff attended a course by Work Injury Care Ltd which is designed to cover the issues relating to hot work permitting in the port and the associated issues of dangerous goods as cargo. Hot work covers all repair activities on vessels in the region which involves the use of heat such as welding or gas cutting. The Harbourmaster's Office has the responsibility for issuing permits to carry out this work, and this becomes a particularly important issue on ships carrying dangerous goods.

Work continues on the unlawful moorings project in conjunction with the Coastal team (ARC).

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On the 17 September the commercial fishing yacht “Sunnivar” went aground on the beach at Whatipu. After two attempts by the owner and a POAL tug to pull her off the beach, the Harbourmaster’s team took over the salvage and successfully refloated the vessel on Saturday 19 September. The majority of the hydro-carbons were removed from the vessel on the previous day. Costs will be recovered from the owner of the vessel which was uninsured.

The Harbourmaster attended the Environment Court as an expert witness for the ARC in the Wairoa Maritime Village plan change case.

The Harbourmaster attended the National Advisory Committee meeting in Wellington as an alternate to the usual attendee. The committee covers issues relating to the Port and Harbour Safety Code, new Maritime Rules, Harbourmaster’s qualifications and other issues of policy governing the maritime industry in New Zealand.

ATTACHMENTS

- Attachment 1 – Consent Statistics Report August 2009
- Attachment 2 – Decisions on consent applications by delegated Council Officers – August 2009
- Attachment 3 – Status of Consents under Appeal

RECOMMENDATION

That the report be received.

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Attachment 1

Consent Statistics Report August 2009

Table 1: Applications Received and Processing

	Number of Applications Accepted			
	August 2008	August 2009	Year to Date	Previous Year (Total)
Bore Construction	7	5	16	128
Coastal Consents	3	4	18	91
Discharge to Air	12	8	13	66
Discharges to Land/Water	12	18	37	173
Sediment Control and Stream Works	16	12	27	149
Stormwater Discharge	14	9	18	119
Take and Dam Water	8	3	10	68
All Activities	72	59	139	794

Table 2: Non-notified Decisions Timeframes

	August		Year to Date		Previous Year (Total)	
	No.	In Time	No.	In Time	No.	In Time
Bore Construction	7	100%	19	100%	121	100%
Coastal Consents	12	100%	19	100%	88	98%
Discharge to Air	2	100%	8	100%	38	97%
Discharges to Land/Water	17	100%	31	100%	170	98%
Sediment Control and Stream Works	16	69%	25	80%	146	90%
Stormwater Discharge	5	40%	12	75%	114	88%
Take and Dam Water	13	92%	25	96%	70	94%
All Activities	72	88%	139	94%	747	95%

Table 3: Notified Decisions Timeframes

	August		Year to Date		Previous Year (Total)	
	No.	In Time	No.	In Time	No.	In Time
Bore Construction	0	N/A	0	100%	0	N/A
Coastal Consents	0	N/A	2	100%	23	100%
Discharge to Air	0	N/A	2	100%	9	67%
Discharges to Land/Water	0	N/A	3	100%	14	86%
Sediment Control and Stream Works	0	N/A	1	100%	13	69%
Stormwater Discharge	0	N/A	2	100%	12	67%
Take and Dam Water	0	N/A	1	100%	7	100%
All Activities	0	N/A	11	100%	78	83%

Table 4: Notified and Non-notified All Activities

	August		Year to Date		Previous Year (Total)	
	No.	In Time	No.	In Time	No.	In Time
All Activities	72	88%	150	94%	825	94%

Attachment 3

**STATUS OF CONSENTS UNDER APPEAL
C512-12**

Linda Butler, Manager Consents Administration and Debbie Semu, Consent Coordinator: September 2009

This is a routine report updating the Committee on aspects of the Committee's function.

NEW APPEALS RECEIVED

Application Details	Appellant	Appeal Status
Auckland City Council 35856 Application for coastal permit to construct and to operate a Marine Events Centre and associated car parking on the Halsey Street Extension Wharf at 99-177 Halsey Street, Auckland.	Sanford Limited Viaduct Harbour Holdings Limited Marstel Terminals Limited	ARC Decision: Granted Date Appealed: 22 September 2009

CHANGES TO CONSENTS UNDER APPEAL SINCE AUGUST 2009

Application Details	Appellant	Appeal Status
Beachlands Quarries Limited 33685 33121 33120 32855 Applications associated with processing and crushing of greywacke rock at 885 Whitford - Maraetai Road, Whitford.	Beachlands Quarries Limited Lindsay McKay	ARC Decision: Granted Date Appealed: 6 November 2007 <i>Mediation underway.</i> <i>All issues in relation to ARC are resolved. Outstanding issues remain between the applicant and MCC have recently been resolved. Consent documentation is being prepared.</i>

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Application Details	Appellant	Appeal Status
<p>Coastal Resources Limited</p> <p>35072, 34169</p> <p>Applications to authorise the diversion and taking of groundwater for use in sand washing and discharge sediment from a mining operation at Tomarata Lake Road, Kaipara.</p>	<p>Tomarata Lakes Protection Society Inc</p>	<p>ARC Decision: Granted</p> <p>Date Appealed: 5 June 2008</p> <p><i>Consent order has now been made by the Court.</i></p>
<p>Cornerstone Group Limited</p> <p>32611 32612 32969 33209</p> <p>Applications associated with constructing and operating a café/restaurant and railway station at 1080 State Highway 16, Waimauku.</p>	<p>Cornerstone Group Limited</p>	<p>ARC Decision: Refused</p> <p>Date Appealed: 9 July 2007</p> <p><i>Court decision has been received granting consent subject to conditions which are to be finalised.</i></p>
<p>Moore's Bay Holdings Limited</p> <p>34995, 34996, 35123, 35643</p> <p>Applications associated with a proposed 19 lot rural/residential subdivision at Moore's Bay, Bon Accord Harbour.</p>	<p>Moore's Bay Holdings Limited</p>	<p>ARC Decision: Granted</p> <p>Date Appealed: 11 June 2009</p> <p><i>Appeal made against Rodney District Council consent conditions. ARC has been included as respondent as well.</i></p> <p><i>Court mediation of the RDC appeal has begun.</i></p>
<p>Morningstar Enterprises (Farm Estates) Limited</p> <p>35164, 35165</p> <p>Applications associated with the development of a residential subdivision at 600 Whitford - Maraetai Road, Whitford.</p>	<p>Morningstar Enterprises Limited</p>	<p>ARC Decision: Declined</p> <p>Date Appealed: 15 January 2009</p> <p><i>MCC was to report to Court by 2 October 2009.</i></p>

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Application Details	Appellant	Appeal Status
<p>New Zealand Steel Limited</p> <p>34089, 34752, 34753, 34754, 34755, 34756, 34757</p> <p>Applications associated with the construction of a landfill on the New Zealand Steel site at Glenbrook Beach Road Waiuku.</p>	<p>New Zealand Steel Ltd</p>	<p>ARC Decision: Granted</p> <p>Date Appealed: 28 January 2009</p> <p><i>Consent order has now been issued by the Court.</i></p>
<p>Prime Resources Limited</p> <p>32243, 32244</p> <p>Applications associated with an equestrian farm park subdivision at Batty Road, Franklin.</p>	<p>Prime Resources Ltd</p>	<p>ARC Decision: Declined</p> <p>Date Appealed: 22 December 2008</p> <p><i>FDC is to report to Court by 20 November 2009.</i></p>
<p>Waiheke Retirement Village Ltd</p> <p>29643 29640 28149</p> <p>Applications associated with the proposed extension of the residential retirement facility at Natzka Road, Waiheke Island.</p>	<p>Waiheke Retirement Village Ltd</p>	<p>ARC Decision: Refused (one consent granted in part).</p> <p>Date appealed: 1 March 2006</p> <p>Settlement agreed between ARC and Applicant.</p> <p><i>Consent memorandum had been circulated but not accepted by one s274 party. That party has now withdrawn.</i></p> <p><i>Consent documentation has now been filed in Court.</i></p>

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Application Details	Appellant	Appeal Status
<p>Winstone Aggregates</p> <p>32151, 34129, 34130, 34131, 34132</p> <p>Applications associated with the operation of the Hunua Quarry (Symonds Hill) at Drury, including: earthworks, works in a watercourse, discharge & diversion of water, discharge to air, vegetation removal: overburden removal; excavating rock; blasting and drilling; crushing, screening storage, and transport of rock; and the operation of a blending plant.</p>	<p>Winstone Aggregates</p> <p>Ngati Tamaoho Trust Environment</p> <p>Hunua Environmental Protection Society</p>	<p>ARC Decision: Granted</p> <p>Date Appealed: 4 June 2008</p> <p><i>Court-assisted mediation took place on 27 April 2009.</i></p> <p><i>Appeals have been settled. Consent documentation has been lodged with the Court but not signed by one party. An evidence exchange timetable has been set by the Court in preparation for hearing.</i></p>

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NO CHANGES TO CONSENTS UNDER APPEAL SINCE AUGUST 2009

Application Details	Appellant	Appeal Status
<p>Franklin District Council</p> <p>25217</p> <p>Application for a network discharge consent for Pukekohe North.</p>	<p>RA & OM Kriletich</p> <p>R & N Kerr</p> <p>R Jay Properties Ltd</p> <p>Lauer Estate</p>	<p>ARC Decision: Granted</p> <p>Date Appealed: 16 July 2007</p> <p><i>Appeals by Kerr, R Jay and Lauer have been settled by agreement. Consent documentation is circulating.</i></p> <p><i>FDC to report to Court by 2 October 2009 on remaining appeal (Kriletich).</i></p>
<p>Genesis Power Limited T/A Genesis Energy</p> <p>34213, 34448, 34687</p> <p>Applications associated with the operation and maintenance of a natural gas fuelled, combined cycle, nominal 480 MW capacity power station and associated processes at 526 Kaipara Coast Highway Punganui Rodney District.</p>	<p>Genesis Power Limited T/A Genesis Energy</p>	<p>ARC Decision: Granted</p> <p>Date Appealed: 23 January 2009</p> <p><i>Consent documentation sent to the Court on 30 September.</i></p>
<p>Manukau City Council</p> <p>32503</p> <p>Application for resource consent made pursuant to sections 14 and 15 of the Resource Management Act 1991 by Manukau City Council (MCC) for a Network Discharge Consent to divert and discharge stormwater from the stormwater network servicing the Ihumatao catchment.</p>	<p>Manukau City Council</p>	<p>ARC Decision: Declined</p> <p>Date Appealed: 4 August 2009</p> <p><i>ARC to report to Court by 13 October</i></p>

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Application Details	Appellant	Appeal Status
<p>North Shore City Council</p> <p>31819 33076 33077 33078 33079 33081 33083 33084 33085 34458 34459 34460 34461 34462 34463 34464 34465 34466 34467 34468 34469 34470 34471 34472 34473 34474 34475 34476 34477 34478 34479 34480 34481 34482 34483 34484 34485 34486 34487 34488 34489 34490 34491 34492 34493 34494 34495 34496 34497 34498 34499 34500 34501 34502 34503 34504 34505 34506 34507 34508 34509 34510 34511 34512 34513 34514 34515 34516 34517 34518 34519 34520 34977</p> <p>Applications concerning a comprehensive catchment management plan for stormwater and wastewater.</p>	<p>North Shore City Council</p> <p>Watercare Services Ltd</p>	<p>ARC Decision: Granted</p> <p>Date Appealed: 28 November 2007</p> <p>Consent documentation prepared settling appeals in part.</p> <p>ARC is to report to Court by 1 October 2009.</p>
<p>Papakura District Council</p> <p>35053</p> <p>To authorise the removal of mangrove forest from 27.6 hectares of the Pahurehure Inlet No. 2, Manukau Harbour.</p>	<p>Glenn William Archibald</p> <p>Papakura DC</p> <p>Pahurehure Inlet Protection Society</p>	<p>ARC Decision: Granted</p> <p>Date Appealed: 30 January 2009</p> <p>Negotiations to date are successful. Procedural challenge to status of Papakura District Council. Consent documentation being prepared for circulation.</p>
<p>Waiheke Island Airpark Resort Limited</p> <p>ARC: 33691, 33692, 33693</p> <p>Applications associated with earthworks and the discharge of stormwater and wastewater from a development around existing airfield for accommodation, roading, cafe and terminal facilities at 171 Carsons Road, Waiheke Island.</p>	<p>Waiheke Island Airpark Resort Limited</p>	<p>ARC Decision: Declined</p> <p>Date Appealed: 29 September 2008</p> <p>Hearing took place in week of 11 May 2009.</p> <p>Court decision awaited.</p>

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Application Details	Appellant	Appeal Status
<p>Watercare Services Limited</p> <p>34086, 36001, 36002, 36003, 36004, 36005, 36007</p> <p>Applications associated the deposit of 4.4 million cubic metres of biosolids on Puketutu Island in the Manukau Harbour.</p>	<p>Watercare Services Limited</p>	<p>ARC Decision: Declined</p> <p>Date Appealed: 31 July 2009</p> <p><i>ARC to report to Court by 13 October 2009</i></p>

C.2 ENVIROSCHOOLS ANNUAL REPORT 2008-2009

P266-04-06

Louise Mason, General Manager Programmes and Partnerships, Hilary Chidlow, Manager Environmental Education, Shirley Dephoff, Environmental Education Adviser: 24 September 2009

The report has been prepared in accordance with the provisions of section 76 and 77 of the Local Government Act 2002, having regard to section 79.

EXECUTIVE SUMMARY

The Auckland Regional Council coordinates the Enviroschools Programme for the Auckland region.

There are currently 151 Enviroschools in the region facilitated by a range of partners - Team Solutions (Auckland University), Auckland Regional Council, North Shore City Council, Auckland City Council, Manukau City Council and EcoMatters Environment Trust contracted by Waitakere City Council.

Schools have taken action for the environment in a wide range of ways such as reducing waste and impacts on stormwater drains/streams; conserving water, increasing energy efficiency, implementing sustainable travel initiatives, restoring streams and local biodiversity.

In 2008 26 schools achieved an Enviroschools award – 12 Bronze, 10 silver and 4 Green Gold (3 schools receiving their second Green-Gold).

Recent budget cuts by Government will impact on the Enviroschools Foundation which coordinates the Enviroschools programme nationally, and Education for Sustainability facilitators (Team Solutions) who are currently supporting over 60 Enviroschools in the Auckland region. Regional partners are currently scoping options for the future delivery of the programme in the region.

C.2.1 PURPOSE

The purpose of this report is to update the Environmental Management Committee on the Enviroschools Programme.

C.2.2 BACKGROUND

Enviroschools is a nationwide sustainable schools programme. It is recognised as a leading programme in the field of education for a sustainable future. The programme was endorsed by government in 2006 with funding going to the Enviroschools Foundation (a charitable trust) for staffing and providing training, programme development, resources and evaluation.

The Enviroschools programme was initially developed by Hamilton City Council in 1993 and is now implemented in partnership with a range of organisations such as local and regional councils, government agencies and community trusts throughout the country. (Refer to table of Enviroschools partners in attachment A). The Auckland Regional Council has been involved with the Enviroschools programme since 2001 and provides regional coordination and facilitation in schools.

Currently, 688 schools participate in the Enviroschools programme nationwide. 151 schools are in the Auckland region.

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The Enviroschools programme integrates sustainability into the whole of school life. It can provide learning opportunities and a range of benefits: environmental, educational, economic and social. Students can take action and change the physical place, modify operational practices and improve interactions between students, teachers and the community.

Five main principles guide the Enviroschools Programme:

- **Sustainable communities** act in ways that nurture people and nature, now and in the future.
- **Learning for sustainability** is an action-focused approach to learning that engages us in the physical, social, cultural and political aspects of our local and global environment.
- **Empowered students** participate from their own unique and creative perspectives. Including young people in decision-making and action empowers them to be active environmental citizens for life and enriches the development of the whole school environment.
- **Maori perspectives** and knowledge of the environment offers unique insights built up over time in this country. Including Maori perspectives enriches learning process and honours the status of indigenous people in this land.
- **Respect for the diversity of people and cultures** is integral to achieving a sustainable environment in New Zealand that is fair, peaceful, and co-operative and makes the most of our rich cultural traditions.

The Enviroschools programme helps students to think creatively. It challenges them to acknowledge other perspectives and recognise their own world views. Students are also encouraged to lead action on current sustainability issues, and to get involved in planning and decision-making.

The purpose of the programme is to impact positively on long-term behaviour change and for students to critically reflect on their lifestyle choices, attitudes and values.

C.2.3 MAIN REPORT

Coordination of the Enviroschools Programme in the Auckland region

The Auckland Regional Council coordinates the Enviroschools programme for the Auckland region. Regional coordination involves:

- Liaison with National Enviroschools Foundation
- Reporting to National Enviroschools Foundation
- Liaison with all agencies (including partners and facilitators) involved in the Enviroschools programme
- Development of strategic plan in consultation with partners
- Coordination of professional development / special projects
- Coordination of Enviroschools Awards celebration / regional events

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- Provision of Enviroschools resources to support the programme
- Promotion of Enviroschools programme through variety of media to raise the profile
- Distribution of scrapbooks / resources

Enviroschools partners in the Auckland region

Schools in the Auckland region have been supported to participate in the Enviroschools programme since 2002. The Auckland Regional Council played a key role by developing the Enviroschools Awards Scheme and has facilitated schools since 2002. Team Solutions (University of Auckland) have also facilitated the Enviroschools programme as part of their support in education for sustainability since 2002. Other partners have been involved in the programme as follows: North Shore City Council (2003); Auckland City Council (2006); Manukau City Council (2007); Waitakere City Council and EcoMatters Environment Trust (2008).

Partners have agreed to work collaboratively with a sense of goodwill to support resource and develop the Enviroschools programme in the Auckland region. In addition, the Enviroschools principles and kaupapa is acknowledged in all aspects of governance and implementation.

Our shared vision is 'to foster a generation of innovative and motivated young people who instinctively think and act sustainably'.

(Enviroschools Auckland Region Strategic Plan 2008-2010).

Key factors of success:

Auckland region has:

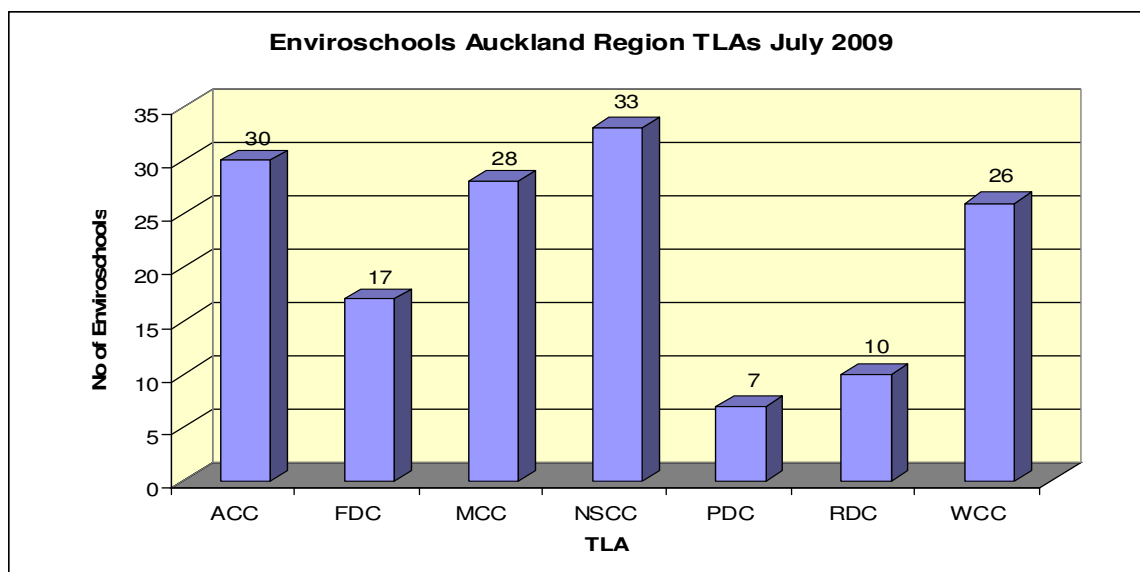
- A range of organisations working in partnerships to support schools.
- A common regional direction and effective coordination.
- A growing network of schools committed to a long-term development of sustainable communities.
- Quality facilitation and support for all schools.
- Mechanisms to maintain momentum.

Enviroschools by TLA

There are currently 151 Enviroschools in the Auckland region with 13 schools on a waiting list.

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Graph 1



Level of service comparison for Auckland Region 2008-2009

Table 1

Organisation	Number of Enviroschools in geographic area	Number of Enviroschools funded by each organisation
Auckland Regional Council	151	54
Auckland City Council	30	2
Franklin District	17	0
Manukau City Council	28	1
North Shore City Council	33	24
Papakura District Council	7	0
Rodney District Council	10	0
Waitakere City Council	26	8*
Team Solutions (AK University)	-	62
Meadowbank School		1

The Auckland Regional Council, Team Solutions and North Shore City Council facilitate and fund the majority of the Enviroschools in the Auckland region. Franklin District Council part funded schools in its area until approximately 2003-4 when it lost funding from Zero Waste. Since then approaches to Franklin and Rodney District Councils have been unsuccessful despite positive interest in the programme. Seed funding from Enviroschools National Office was offered to both councils but both were unable to match the funding at the time.

Waitakere City Council has increased funding for Enviroschools by \$30,000 in 2009/10 (six new schools) and an additional \$30,000 in 2010/11 (six additional new schools). This will allow the 12 schools impacted by central government budget cuts to continue in the programme.

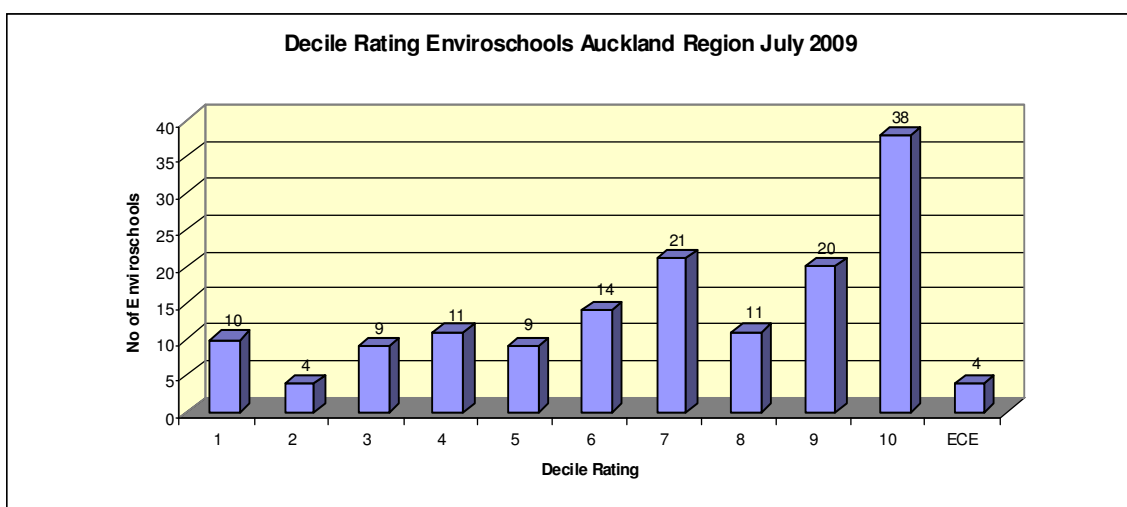
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Manukau City Council currently only provides direct support for one of the 28 schools in its area. A recent request from Manukau Mayor Brown for information about the impact of the government's funding cuts resulted in a meeting between the Enviroschools Foundation and the ARC (as Regional Coordinator) to look at increasing support for Enviroschools.

Enviroschools decile information

The majority (60 per cent) of Enviroschools are in the high decile range (7-10). It has been identified that we need to encourage more low decile schools into the Enviroschools programme. Regional Partners have agreed to give priority to low decile schools joining the Enviroschools programme in 2009-2010, depending on funding resources.

Graph 2



- ECE = Early Childhood Education
- Decile 1 = 7% of total number of Enviroschools in the Auckland region
- Deciles 1-3 = 17%
- Deciles 7-10 = 60%
- Decile 10 = 25% of total number of Enviroschools in the Auckland region

Facilitation in schools

Facilitation is critical to the success of the Enviroschools programme. The role of the facilitator is to guide, motivate and support the school to develop their Enviroschools journey.

ARC staff undertook over 280 facilitation visits to schools between July 2008-June 2009.

Auckland University (Team Solutions) currently facilitate 62 schools in the Auckland region. However, these schools will no longer have a facilitator from January 2010 due to central government budget cuts. Regional partners are currently seeking additional funding and considering alternative options for support for schools.

Facilitators support the school to plan, implement and evaluate environmental learning and action. They highlight links to local programmes, resources, events and work collaboratively with other agencies to enable a coordinated approach within the school.

Taking action for the environment

Enviroschools are very active in taking action for the environment and to create a sustainable community. These are varied and include some of the following:

Reduce waste

- Establish organic waste recycling such as compost bins, Bokashi and worm farms
- Recycle paper
- Remove rubbish bins for student use
- Encourage waste free lunches so families take responsibility for waste, resulting in less waste to landfill
- Set up opportunities for students to barter and swap second-hand goods instead of throwing them away
- Students have set up worm farms and composting at home
- Organise annual waste audits and set new goals to reduce costs of waste collections
- Use organic compost on the school grounds, reducing transport and chemical impacts of using commercial garden products
- Donate goods instead of sending them to landfill
- Recycle electronic waste instead of sending this hazardous material to landfill



Reduce stormwater impacts/conserves water

- Restore local streams on school sites through removal of hundreds of significant pest plants and planting thousands of trees on riparian margins
- Install rain tanks plumbed to toilets
- Install rain tanks for watering school gardens
- Use rainwater in the school pool to reduce water consumption
- Plant tens of thousands of native plants to mitigate stormwater impacts
- Address litter issues to remove impacts on reserves and streams near schools

Efficient use of energy

- Install photovoltaic panels to generate electricity at school (Genesis initiative)
- Carry out audits to raise awareness set targets to reduce use of electricity etc

Transport

- Use public transport for local school field trips

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- Implement sustainable travel initiatives such as safer student cycling, walking school buses etc

Protect biodiversity

- Plant native plants on their school grounds to restore local biodiversity
- Restore streams on council reserves
- Plan, design and build native community boardwalk areas with support from families, local businesses and community boards

Enviroschools Awards

Schools participating in the Enviroschools programme may apply for an award to recognise their achievements in their move towards creating a sustainable school. Schools progress through Bronze, Silver and Green-Gold award levels over time. At each stage there is an in-school reflection process which involves students, staff and other relevant people eg community members, staff and/or students from another Enviroschool, BOT member. Schools that have achieved the Green-Gold Award have sustainability principles firmly embedded into the culture of the school.

Five schools in the Auckland have achieved Green-Gold Enviroschools Awards. They are: Beachlands School, Laingholm School, Pigeon Mountain School, Meadowbank School and Verran School.

Table 2

Enviroschools Award	2006	2007	2008
Bronze	19	25	12
Silver	5	8	10
Green-Gold	0	1	(2009) 1
Green-Gold review	0	0	3
TOTAL	24	34	26

Laingholm School – our newest Green-Gold School



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Enviroschools Awards 2008

Table 3

School	TLA	Award
Churchill Park School	ACC	Bronze
Newmarket School	ACC	Bronze
Kowhai Intermediate School	ACC	Silver
Meadowbank School (Received 2 nd GG Award)	ACC	Green-Gold
Owairaka School	ACC	Silver
Point Chevalier School	ACC	Silver
Remuera Intermediate School	ACC	Bronze
St Thomas's School	ACC	Silver
Western Springs College	ACC	Bronze
Mangatangi School	FDC	Bronze
Pukekohe Hill School	FDC	Bronze
Baverstock Oaks School	MCC	Silver
Botany Downs College	MCC	Bronze
Pigeon Mountain School (Received 2 nd GG Award)	MCC	Green-Gold
Bayview Primary School	NSCC	Silver
Forrest Hill School	NSCC	Bronze
Murrays Bay Intermediate School	NSCC	Bronze
St Mary's School (Northcote)	NSCC	Silver
Takapuna Normal Intermediate School	NSCC	Silver
Verran School (Received 2 nd GG Award)	NSCC	Green-Gold
Drury School	PDC	Bronze
Green Bay School	WCC	Bronze
Kelston Girls College	WCC	Silver
Laingholm Primary School (Award not received yet)	WCC	Green-Gold
Titirangi School	WCC	Silver
Waitakere College	WCC	Bronze
Summary of Enviroschools Awards - 2008		
Bronze		12
Silver		10
Green Gold (review)		4
Total Awards		26

Councillor Dianne Glenn presenting the Enviroschools Silver Award to Pt Chevalier School



Professional Development for Enviroschools

A series of workshops and events took place during the year including:

- 20 secondary students attending the national Youth Jam in Rotorua
- 117 teachers participated in six teacher workshops
- 66 teachers and students participated in a bus tour of Enviroschools in Waitakere City
- 100 per cent satisfaction rate with workshops was achieved.



Development of new resources to support the Enviroschools programme

The Enviroschools Kit has been revised and reformatted to bring together the awards and facilitated programmes. The kit includes a number of case studies from various Enviroschools in the Auckland region.

New awards reflection process

In 2008 the Enviroschools Awards framework was revised. It provides a structure and a set of tools for reflection; a three step process involving reflection, collaborative decision-making and peer review. The award stages remain as Bronze, Silver and Green-Gold with recognition that the journey continues beyond 'Green-Gold'.

The Enviroschools Awards inspire and engage the wider community, supporters and funders. They also acknowledge the progress schools are making to become more sustainable communities through student-led action. The analogy of a river – from small beginnings to the ocean is used to demonstrate the concept of a schools' journey towards sustainability.

Measuring Change

'Measuring Change' is a web-based tool (www.measuringchange.org.nz), that will help measure the outcomes of environmental action in schools. It is available to all New Zealand schools to help monitor their progress towards sustainability goals. The information and resources in the Measuring Change tool will help schools find out how sustainable Waste, Water, Energy and Landscapes are in their schools and then track improvements over time. Schools receive progress reports that can be used to acknowledge effort, celebrate achievements and to help get funding and support for future projects.

National development / initiatives

Enviroschools International - NZ Trans Pacific P4 Environment Cooperation Agreement

The sharing between Enviroschools in New Zealand and Chile was initiated as a key strategy in the New Zealand-Chile Trans Pacific P4 Environment Agreement 2009-2010 work plan.

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In 2008 Enviroschools in the Auckland region hosted visiting principals from Chile, Singapore and Brunei. The visit was funded by the NZ Government, in partnership with the Chilean headquarters of Arauco, BHP and Endesa.

Progress on the Government P4 Trans-Pacific Environment Cooperation Agreement

Initial meetings and workshops have already taken place and a plan for each country (Singapore, Chile and Brunei) is underway. Enviroschools is acting as mentor for development of similar programmes in each country, including; information, resources, teacher and student exchanges and programme development advice.

Challenges

Government cuts to Enviroschools Funding

The government budget announcement in May signalled cuts to the funding of education for sustainability initiatives through the Ministry of Education, effective from December 2009. This will affect the Enviroschools Foundation which coordinates the Enviroschools nationally and the Education for Sustainability facilitators, also a national team, and specifically, Team Solutions which is currently supporting 62 Enviroschools in the Auckland region.

As previously reported, the government funding cut has not had a direct impact on the ARC's delivery of this programme into the schools specifically supported by ARC staff. However, in its role as Regional Coordinator the ARC has been working with its regional partners to explore options for the future delivery of the programme in the region.

Conclusion

The Enviroschools programme is an important programme that enables Council to assist schools to become sustainable communities. It is highly valued by the community – teachers, students and parents. It is also recognised nationally and internationally as being an effective education for sustainability programme.

C.2.4 FINANCIAL AND RESOURCING IMPLICATIONS

Funding for the Enviroschools programme has been allocated within the LTCCP 2009-2019.

For the current financial year the Enviroschools programme is funded at \$74,618 with 2.5 FTE's.

C.2.5 LEGAL AND LEGISLATIVE IMPLICATIONS

There are no legal and legislative implications.

C.2.6 CONSULTATION

As the regional coordinator for the Enviroschools programme the ARC is required to regularly consult with its partner organisations in the Auckland region.

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ATTACHMENTS

- Attachment 1: - Enviroschools in the Auckland region by TLA
- Attachment 2: - Enviroschools partners throughout New Zealand

RECOMMENDATION

That the report be received.

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Attachment 1

Enviroschools in Auckland Region 2009	Council District
Auckland Girls Grammar	Auckland City
Blockhouse Bay Intermediate	Auckland City
Blockhouse Bay Primary	Auckland City
Churchill Park School	Auckland City
Diocesan Junior School for Girls	Auckland City
Epsom Girls School	Auckland City
Gladstone Primary School	Auckland City
Glendowie School	Auckland City
Kowhai Intermediate	Auckland City
Lynfield College	Auckland City
Marshall Laing Primary School	Auckland City
Meadowbank School	Auckland City
Michael Park School	Auckland City
Mt Albert Playcentre	Auckland City
Mt Roskill Primary School	Auckland City
Newmarket School	Auckland City
Onehunga Primary	Auckland City
Otahuhu Intermediate	Auckland City
Otahuhu Primary	Auckland City
Owairaka School	Auckland City
Panmure Bridge	Auckland City
Point Chevalier School	Auckland City
Remuera Intermediate	Auckland City
St James Kindergarten	Auckland City
St Thomas's School	Auckland City
Sylvia Park School	Auckland City
Te Huruhi School	Auckland City
Waiheke Primary School	Auckland City
Western Springs College	Auckland City
Westmere Primary School	Auckland City
Aka Aka School	Franklin District
Buckland School	Franklin District
Glenbrook School	Franklin District
Harrisville School	Franklin District
Hunua School	Franklin District
Kaiaua School	Franklin District
Mangatangi School	Franklin District
Mangatawhiri Primary School	Franklin District
Mauku School	Franklin District
Parkside Special School	Franklin District
Patumahoe School	Franklin District
Pukekohe East Primary School	Franklin District
Pukekohe Hill School	Franklin District
Puni School	Franklin District

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Enviroschools in Auckland Region 2009	Council District
St Josephs School Pukekohe	Franklin District
Valley School	Franklin District
Waiau Pa School	Franklin District
Baverstock Oaks School	Manukau City
Beachlands School	Manukau City
Botany Downs Secondary College	Manukau City
Bucklands Beach Primary School	Manukau City
Cockle Bay School	Manukau City
De La Salle College	Manukau City
Early Discoveries Centre	Manukau City
East Tamaki Primary School	Manukau City
Edgewater College	Manukau City
Elm Park School	Manukau City
Favona Primary	Manukau City
Howick College	Manukau City
Kedgley Intermediate	Manukau City
Manurewa Intermediate School	Manukau City
Mission Heights Junior College	Manukau City
Mission Heights Primary School	Manukau City
Owairoa School	Manukau City
Pakuranga College	Manukau City
Pakuranga Heights School	Manukau City
Pigeon Mountain Primary School	Manukau City
Point View School	Manukau City
Reremoana School	Manukau City
Saint Kentigern College	Manukau City
Shelly Park Primary School	Manukau City
Sunnyhills School	Manukau City
The Gardens School	Manukau City
Wakaaranga Primary school	Manukau City
Willowbank School	Manukau City
Albany Junior High School	North Shore City
Bayswater Primary School	North Shore City
Bayview School	North Shore City
Birkdale School	North Shore City
Birkenhead Primary School	North Shore City
Devonport School	North Shore City
Forrest Hill School	North Shore City
Glenfield Primary School	North Shore City
Greenhithe School	North Shore City
Kauri Park School	North Shore City
Kristin School (Middle)	North Shore City
Kristin School(Junior)	North Shore City
Mairangi Bay School	North Shore City
Manuka Primary School	North Shore City
Murrays Bay Intermediate	North Shore City
Murrays Bay School	North Shore City

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Enviroschools in Auckland Region 2009	Council District
Northcote College	North Shore City
Northcross Intermediate	North Shore City
Pinehill School	North Shore City
Pinehurst School	North Shore City
Rangitoto College	North Shore City
Sherwood School	North Shore City
St Leo's School	North Shore City
St Mary's Northcote	North Shore City
Sunnybrae Normal School	North Shore City
Takapuna Normal Intermediate	North Shore City
Takapuna Primary	North Shore City
Te Kura Kaupapa Maori o Te Rakipae Whenua	North Shore City
Torbay Primary	North Shore City
Verran School	North Shore City
Westlake Girls High School	North Shore City
Willow Park School	North Shore City
Windy Ridge School	North Shore City
Drury School	Papakura District
Edmund Hillary School	Papakura District
Kelvin Road School	Papakura District
Orere Primary School	Papakura District
Papakura High School	Papakura District
Papakura Normal	Papakura District
Redhill School	Papakura District
Leigh School	Rodney District
Mahurangi College	Rodney District
Pakiri School	Rodney District
Silverdale School	Rodney District
Stanmore Bay Primary School	Rodney District
Tapora Primary School	Rodney District
Tauhoa School	Rodney District
Taupaki School	Rodney District
Totara Hill Montessori	Rodney District
Woodhill School	Rodney District
Arohanui Special School	Waitakere City
Flanshaw Road Primary School	Waitakere City
Glen Eden Intermediate School	Waitakere City
Glen Eden Primary School	Waitakere City
Green Bay Primary School	Waitakere City
Henderson Intermediate School	Waitakere City
Henderson Valley School	Waitakere City
Holy Cross School (Henderson)	Waitakere City
Kelston Girls College	Waitakere City
Kelston Intermediate	Waitakere City
Laingholm School	Waitakere City
Massey High School	Waitakere City
Oratia District School	Waitakere City

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Enviroschools in Auckland Region 2009	Council District
Peninsula Primary School	Waitakere City
Prospect School	Waitakere City
Royal Road Primary	Waitakere City
Rutherford College	Waitakere City
St Dominic's College (Henderson)	Waitakere City
Sunderland School and College	Waitakere City
Swanson School	Waitakere City
Tirimoana School	Waitakere City
Titirangi Primary School	Waitakere City
Waitakere College	Waitakere City
West Harbour School	Waitakere City
Western Heights Primary	Waitakere City
Woodlands Park School	Waitakere City

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Attachment 2

Enviroschools partners throughout New Zealand

Auckland	Auckland City Council, Auckland Regional Council, EcoMatters Trust, Manukau City Council, North Shore City Council, TEAM Solutions, Faculty of Education, University of Auckland, Waitakere City Council
Bay of Plenty	Eastbay Rural Education Activities Programme, Environment Bay of Plenty, Tauranga City Council, University of Waikato School of Education
Canterbury	Christchurch City Council, College of Education at the University of Canterbury, DOC - Canterbury, Environment Canterbury, Kaikoura District Council, Kidsfirst Kindergartens Selwyn District Council, Timaru District Council, Waimakariri District Council
Gisborne	DOC - East Coast Hawke's Bay, Gisborne District Council, University of Waikato School of Education
Hawke's Bay	Hawkes Bay Regional Council, Massey University - Centre for Educational Development
Manawatu-Wanganui	Horizons Regional Council, Massey University - Centre for Educational Development
Marlborough	College of Education at the University of Canterbury, - Nelson Campus Marlborough District Council
Nelson-Tasman	College of Education at the University of Canterbury, - Nelson Campus Nelson City Council Tasman District Council
Northland	DOC - Northland, Northland Regional Council, TEAM Solutions, Faculty of Education, University of Auckland
Otago	Central Otago District Council, Central Otago REAP, Clutha District Council, Dunedin City Council, Queenstown Lakes District Council, University of Otago College of Education, Wanaka Wastebusters
Southland	DOC - Murihiku Area Office, Environment Southland, Gore District Council, Invercargill City Council, Southland District Council, University of Otago College of Education
Taranaki	Massey University - Centre for Educational Development, New Plymouth District Council, South Taranaki District Council, Stratford District Council, Taranaki Environment Centre
Waikato	Environment Waikato, Hamilton City Council, Hauraki District Council, Matamata Piako District Council, South Waikato District Council, Taupo District Council, Thames-Coromandel District Council, University of Waikato School of Education, Waikato District Council Waipa District Council

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Wellington	Carterton District Council, Greater Wellington Regional Council, Hutt City Council, Kapiti Coast District Council, Masterton District Council, Masterton Trust Lands Trust, Porirua City Council, South Wairarapa District Council, Victoria University of Wellington, Wellington City Council
West Coast	College of Education at the University of Canterbury, Department of Conservation, Kidsfirst Kindergartens, West Coast District Health Board, Westland District Council

C.3 YOUTH SUSTAINABILITY DEVELOPMENT PROGRAMME **P266-04-06**

Louise Mason, General Manager Programmes and Partnerships, Hilary Chidlow, Manager Environmental Education, Cate Jessep, Community Programmes Adviser: 24 September 2009

The report has been prepared in accordance with the provisions of section 76 and 77 of the Local Government Act 2002, having regard to section 79.

EXECUTIVE SUMMARY

Auckland Regional Council's Youth Sustainability Development Programme educates, empowers and equips student leaders to better understand, plan and participate in taking action to help create sustainable schools and communities.

The Youth Sustainability Programme has its own distinct ARC initiated sub-programmes (MAD, MAD Marine, De La Salle College), is connected to others (Sir Peter Blake, StepUp), and in some instances, is run in partnership with other organisations (Enviroschools, Untouched World, the Department of Conservation).

In 2008-2009 Auckland Regional Council's involvement in nine sub-programmes for secondary students has enabled students from 32 secondary schools across the Auckland region to become involved in a range of activities focusing on sustainability.

C.3.1 PURPOSE

The purpose of the report is to update the council on the Youth Sustainability Development Programme.

C.3.2 BACKGROUND

The ARC has been delivering Youth Sustainability Development programmes since 2004, and brings together the Auckland Territorial Local Authorities (TLAs) and associated partners to provide a series of regional Youth Forums and events.

The ARC's initial involvement in a focused youth programme grew out of two sub-programmes. The first was a partnership programme with Untouched World and Team Solutions for selected schools (see details below) and secondly, a regional council role to select and accompany a small group of high school students to the National Youth Environment Forum in Wellington. This one week residential experience was a Ministry for the Environment initiative and is now known as the Sir Peter Blake National Youth Environment Forum.

Education staff recommended that 'one off' experiences like the National Youth Environment Forum had limited value and only catered for a select group. At the same time it was realised that the ARC's Sustainability Education programmes did not cater well for high school students and that these youth programmes presented an opportunity for the ARC to increase its involvement with this important segment of society.

A strategy was developed to increase the number and range of students able to participate in targeted youth programmes, to develop or associate with a broader the range of programmes, to partner with appropriate organisations.

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The overall focus of the Youth Sustainability Programme is on leadership development, with the aim of educating and empowering students with knowledge and skills to influence their peers to make real changes in their schools and communities. Students leading students is a very powerful model for this age group, much more so than adults leading students. Young people need to take ownership of their decisions and do not want to be told what to do. Therefore, staff create opportunities and ensure that the young people have the skills to translate ideas into actions (eg marketing, planning, engaging peers).

Students volunteer for the programme. Currently, the type of students who are attracted to participate are high achievers, self motivated and with the ability to be active contributors to a wide range of activities. A number of past students now at university are still contributing to the programme and four have been selected as observers to the United Nations Climate Change Summit in Copenhagen and associated events in December 2009.

An important point of difference with ARC's Youth Sustainability Programme, is that young people who have participated in various sub-programmes are mentored to take a leadership role back in their communities. Support systems are put in place for participants to establish ongoing networks with their own peers and adults, to take action for a sustainable future. This involves regular phone and email contact, face to face meetings and three monthly follow up events. This support system has been acknowledged (Ministry for the Environment, Sir Peter Blake Trust) to be a significant factor in the success of the programme.

C.3.3 MAIN REPORT

The Youth Sustainability Development Programme contains a number of discrete but related sustainability initiatives that interweave and build on each other. In 2008-09, the Auckland Regional Council was involved with the following nine programmes for secondary students in the Auckland region.

Make A Difference (MAD) Sustainability Programme

(An Auckland Regional Council initiative)

This three day forum for 13-17 year olds is held at the Kiwanis Camp, Huia. The focus of the forum is around learning and living in a sustainable manner. The students develop an action plan to make changes at a personal level and to sustainable practices at their schools. Leadership is provided by students who have previously attended the Sir Peter Blake Youth Environment Forum, Untouched World Forum or who are graduates of MAD.

Make A Difference (MAD) Marine Programme

(An Auckland Regional Council initiative in partnership with Department of Conservation)

This three day forum for students aged 13-17 has a focus on marine issues and is modeled on the MAD sustainability programme at Huia. Students plan action to make changes in sustainable practices at a personal level and to raise awareness at school of actions peers can take to reduce their impact on oceans. Students take action in and around Seaweek. Future programmes will involve student leaders from graduates of MAD Marine programmes.

De La Salle College - pilot sustainability programme

(An Auckland Regional Council initiative)

In order to increase the participation of Maori and Pacific young people in youth sustainability programmes, it was decided to directly approach a low decile south Auckland school to pilot a three year sustainability programme. De La Salle College was selected because of the principal's commitment to sustainability and his willingness to weave sustainability action projects into the curriculum, thereby becoming an integral part of the school programme rather than an optional extra. His vision is that the 1000 students will develop sustainability awareness, responsibility, and leadership skills that will change their behaviour at school and in their personal life. The ARC assists and financially supports the programme. This involves visiting Arataki to gain an appreciation of the need to conserve the natural environment and the development of a shade house facility and planting programme at the school.

Enviroschools National Youth Jam

(A national programme with regional coordination by ARC)

The Enviroschools Youth jam is a national residential programme for students from Enviroschools throughout New Zealand. It is based on a successful Australian programme of youth teaching youth. The ARC had a regional role in coordinating representatives from four Auckland schools that attended the hui in Rotorua in 2008.

Enviroschools Regeneration (Regen)

(A national programme with regional support by ARC)

'Regeneration' is a four day residential national forum aimed at developing 17-25 year old sustainability leaders from throughout New Zealand. The focus of the forum is on continuing sustainable networks and communities beyond secondary school. Leadership is by tuakana who are more experienced participants, generally over 20 years of age. The ARC provides assistance for regional events as required.

Auckland Youth Directed Environmental Organization (AYDEO)

(A self directed youth organization with support from ARC)

AYDEO was formed by a group of students after attending the Enviroschools Youth Jam in 2008. They organized a forum for 77 Auckland youth in 2008 and in conjunction with Regeneration, intend to organize another similar event in 2010. The ARC assists with financial and practical support.

Sir Peter Blake Youth Environment Forum

(A national forum with regional coordination by ARC)

Four young people from Auckland attend a one week national forum in Wellington. It is aimed at 16-18 year old potential leaders and equips them with skills and knowledge about current sustainability issues facing New Zealand. The ARC select and chaperones students, and assists with facilitation of the programme.

Step-UP Foundation

(One off involvement by MAD students)

The Step-UP Foundation, an international organisation, ran a two day event for 'at risk' students with the purpose of inspiring, educating and exciting them about possibilities in the future and encouraging them to "StepUP" and take proactive steps to grasp opportunities. Environmental education staff recruited and supported six MAD graduates to present to 650 secondary school students, simple steps they could

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take at school to act more sustainably. Presentation skills were developed and organizers made positive comments about 'students teaching students'.

Untouched World Sustainable Cities Programme

Team Solutions from the Auckland University School of Education, TLA's and the Untouched World Foundation organise this forum. Two student representatives from high schools in each TLA participate in a five day forum. Students aged from 13 to 17 investigate some of the sustainability issues facing Auckland's growing region and present their ideas to the relevant council where the forum is held. This has run successfully from 2005-2008. Students from pre-service teacher education take a leadership role in the organisation and management of the forum and the ARC part funds the programme.

Support/mentoring

Whilst initial input to all of the previously mentioned programmes is between 3 days to a week, follow up support/ mentoring of participants occurs so that the forums will not be an isolated experience. Regular contact is maintained with participants from MAD programmes, Sir Peter Blake Forum and AYDEO, to establish networks and to offer opportunities to increase skills in developing sustainable communities. This support system has been acknowledged (Ministry for the Environment, Sir Peter Blake Trust) to be a significant factor in the success of the programme.

Statistical information

School and student participation

The Youth Sustainability Development Programme has been attended by students from 32 schools from a total of 77 secondary schools, which is 41 per cent of all secondary schools in the region. In total, 87 students have benefitted from the intense coaching, mentoring and leadership development offered by these programmes.

As a result of their participation, the 87 student leaders have influenced many thousands of young people and their families by their follow up actions (see appendix 1 - samples of student action summaries; appendix 2 – "Plastic Scourge of Marine Life"; appendix 3 – MAD Marine sphere of Influence). Young people on these programmes can achieve a far greater "reach" to people of their own age than adult council staff.

Table 1

Schools participating in Youth Sustainability Development Programme	Decile Rating	TLA
Auckland Girls Grammar	5	ACC
Auckland International College	9	ACC
Auckland Senior College	10	ACC
Diocesan College	10	ACC
Green Bay College	8	ACC
Lynfield College	7	ACC
Marist College	7	ACC
Mount Albert College	7	ACC
Onehunga High	4	ACC
St Mary's College	7	ACC

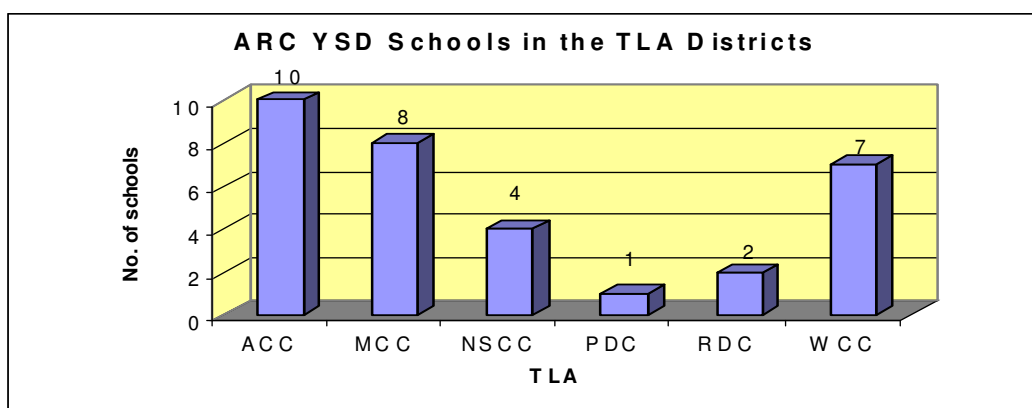
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Schools participating in Youth Sustainability Development Programme	Decile Rating	TLA
Alfriston College	3	MCC
Botany Downs Secondary College	10	MCC
De La Salle College	1	MCC
Manurewa High School	2	MCC
Pakuranga College	8	MCC
Papatoetoe High School	3	MCC
Rosehill College	6	MCC
St Kentigern's College	10	MCC
Tamaki College	1	MCC
Tangaroa College	1	MCC
Albany Junior School	10	NSCC
Glenfield College	7	NSCC
Northcote College	9	NSCC
Takapuna College	10	NSCC
Kaipara College	7	RDC
Mahurangi College	8	RDC
Kelston Boys College	4	WCC
Kelston Girls College	3	WCC
Massey High	5	WCC
Rutherford College	6	WCC
St Dominics College	6	WCC
Waitakere College	3	WCC

TLA spread of schools in Youth Sustainability Development Programme

Students participating in the Youth Sustainability Development Programme represent all TLA's except Franklin. It is likely that the distance needed to travel to meetings and events is an inhibiting factor for both Franklin and Rodney schools.

Graph 1



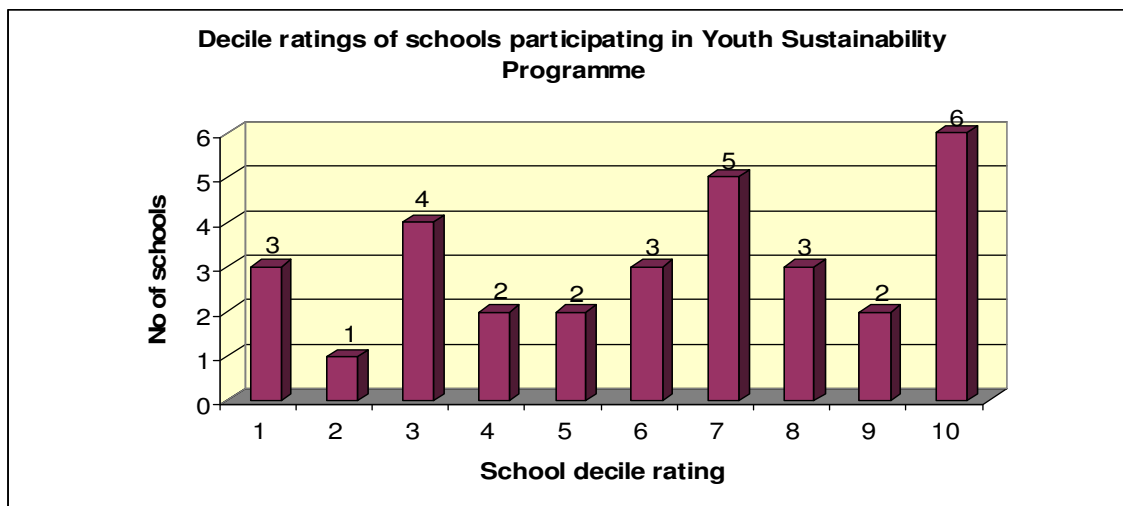
Decile rating range in 2008-09

In 2008-09 the Youth Sustainability Development Programme worked with students/schools from 32 schools from a range of decile ratings. Up to 2008, participation in programmes from Maori and Pacific Island students, and from low decile schools, had been low. In order to increase participation in an area where more than 52% of the population are youth, south Auckland schools were directly

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approached. De La Salle College was keen to participate and the involvement of their college has enabled the ARC to increase participation in its education programme from Pasifika communities.

Graph 2



* 32 schools participating = 45 per cent of secondary schools in Auckland region

Mentoring support for youth

On average two - five emails/phone calls are received and responded to daily from participants of the youth sustainability programmes. This makes an average 54-60 emails from young people per month, including evening and weekend communication. Three monthly reports from the students detail the progress they have made on the action projects and provide opportunities for students to ask for advice on specific projects.

Students are invited to meet during school term breaks to share successes and challenges, to learn further skills, or to give back to the community by volunteering at events like Ambury Farm Day, City Mission and E Day.

Programme and event details

Residential Youth Sustainability Development Programmes

Details of the residential programmes undertaken in 2008-2009 are as follows:

Table 2

Programme	When	Venue	No. of students	No. of schools
M.A.D Sustainability Programme	17-19 April 2009	Huia	32	15
MAD Marine programme	Jan 21-23 2009	Motutapu Island	23	11
	Feb 25 09	+1 day at Goat Island	29	
Enviroschools National Youth Jam	August 3-5 2008	Rotorua	20	4
Enviroschools Regeneration	Feb 20-24 2009	Taupo	12	7

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Sir Peter Blake YEF	April 19-23 2009	Wellington	4	4
Untouched World Sustainable Cities	August 24-29 2008	Edgewater College Marae	14	6

One Day Youth Sustainability Development Events

An important aspect of the Youth programme involves having regular follow-ups with students. This contact provides development of adult and youth support networks, opportunities to develop knowledge and skills, and make inroads into a wide range of projects/groups that are not normally accessible to youth eg The United Nations Decade of Education for Sustainable Development (2005-2014), and Sustainable Aotearoa New Zealand.

Students request workshops on identified skill deficits (social marketing) or national / international events with which they wish to identify (Earth Hour). Participation is voluntary and some students use their own social networking activities to involve their peers who have not participated in the initial Youth programme (Ambury Farm Day).

Table 3

Programme	When	Event	No. of students	No. of schools
M.A.D Sustainability	July 16 2008	Social marketing workshop	23	7
	August 19 2008	Ecological buildings networking meeting	15	7
	October 12 2008	Ambury Farm Day Volunteering	13	8
	Dec 9 2008	City Mission Volunteering	16	10
NEXUS Sustainability Conference	December 11 Dec 2008	University of Auckland	10	6
Step UP Presentation	August 4 ,11, 18 2008	ARC	6	3
Step UP Event	August 28-29 2008	Waitakere Trusts Stadium Youth teaching youth	650 7 MAD grads	27
MAD Marine student organized follow up events	March 2009	Lynfield College - Blockhouse Bay, Faulkners, Waikowhai, Wattle, Lynfield Cove	40	2
Beach clean ups	April 2009	Mahurangi College - Mathesons Bay, Goat Island	2 year 8 classes	1
	April 2009	Marist College - Mission Bay	10	2
	June 2009	Pakuranga College - Eastern Beach	24	2
Earth Hour Launch	March 12 2009	Hyatt Kingsgate	12	6

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MAD (Make a Difference) leaders presented on sustainability to 650 students attending a StepUP event at Waitakere Trusts stadium



Volunteering at Earthsong Eco Village
MAD 2009

Highlights and successes

- Students attracted to the Youth Sustainability programme are highly motivated, talented, and responsible. These students do not want to miss days of school so events are held in their holiday time.
- It is recommended that two or three students from each school attend the programme. This enables them to support each other on return to school and ensures more success in effecting change in their school.
- Students self select. Participation is voluntary and only students who want to make a difference apply. This differs from some programmes where schools opt into participation so students often do not get a choice about their involvement.
- As there is plenty of time to connect with students, good relationships are formed, and these are ongoing. These students are contributors to society who understand the concept of working together.
- Student evaluation shows 100 per cent satisfaction with the programmes and that students recommend them to peers.
- Student's three monthly reports on action allow them to request ongoing support from the ARC environmental education team to further empower them to take action.
- In many schools Year 13 students have planned who will take over the leadership of student groups when they leave school to ensure continuity of projects and action.
- Two students were filmed at Goat Island as part of the LEARNZ online education programme to be shared with 147 schools nationwide. This is a web based Education for Sustainability Programme that is available to all secondary schools in New Zealand and a good method to influence a wide audience.

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- De La Salle College's MAD Marine student's sustainability skit about waste was filmed and uploaded onto Youtube.
- The four 2009 Auckland Sir Peter Blake Youth Environment Forum students were graduates of the MAD programme. This demonstrates how the MAD programme develops leadership from individuals to school leadership, regional leadership, national and international leadership.
- The Sir Peter Blake Trust and the Ministry for Environment have commented that the ARC selection process and mentoring scheme is best practice for other councils. Anecdotal evidence suggests that the students selected from the Auckland region achieve positive results back in their communities.
- An article about the MAD Marine hui written by a student from Diocesan School was published in the Auckland Herald College pages, Tuesday 16 June.
- A former MAD student, who went on to be a Sir Peter Blake student from Auckland International College, has gone to Princeton this year on a full scholarship to study Environmental Science. He attributes this to his leadership experiences with the Youth Sustainability Development Programme.
- A student from Northcote College has been selected as one of four New Zealand representatives, to go to Copenhagen to the UNICEF Climate Change conference in December 2009.
- Feedback from Mountains to Sea Trust, who worked with MAD students at Mahurangi College, report that they were impressed by the leadership skills of the MAD students. Dan Godoy, of the QE 2 Trust who worked with Tamaki College students on Riparian planting was also impressed with MAD student's leadership.

Trends

Anecdotal evidence suggests that generally, students who attend MAD programmes:

- are successful in carrying out the actions they plan at MAD
- take up the opportunities offered to them to participate in other programmes such as Sir Peter Blake, Green Ribbon Awards, scholarships and conferences. They often encourage/pressure their schools to become Enviroschools
- inspire and influence peers and teachers by their actions to become a more sustainable school
- are involved in numerous aspects of sustainable action on many levels, e.g. personal, school, community, political, and social sustainability
- if attending Auckland University, may continue to be active and join the student sustainability group NEXUS.

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Water testing on Karamataura Stream, Huia



Planning actions for their return to school



Students making their dinner at MAD (Make a Difference) Marine programme Motutapu Outdoor Education Centre.



Students examining sea stars at Goat Island



Students sort the waste at the beach cleanup at Blockhouse Bay



Beach cleanup at Motutapu Island

C.3.4 FINANCIAL AND RESOURCING IMPLICATIONS

Funding of \$18,824 in 2009/10 has been allocated for the Youth Sustainability Programme within the LTCCP 2009-2019.

C.3.5 LEGAL AND LEGISLATIVE IMPLICATIONS

There are no legal and legislative implications arising from this report.

C.3.6 CONSULTATION

No consultation has been required in the preparation of this report.

ATTACHMENTS

- Attachment 1: - Samples of student action summaries.
- Attachment 2: - Newspaper article – ‘Plastic scourge of marine Life’.
- Attachment 3: - MAD Marine sphere of influence.

RECOMMENDATION

That the report be received.

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Attachment 1

Samples of student action summaries

Action for	Comments
Biodiversity	<p>Yr 12 student Takapuna Grammar School</p> <p>Today we went tree planting at Motutapu Island, and I did some serious networking. I talked to our enviro teacher about hiring a school van to take up to the kiwi count. We need to get some boys involved in our committee, so we were thinking it would be cool to take some boys up in the school van to get them motivated! Would that be possible?</p> <p>Secondly, we are planning (in the early stages), with the Motutapu Restoration Trust reps, about having a North Shore youth action weekend!</p> <p>We thought that instead of competing against each other, like in the Envirochallenge, we could work together! The idea was to have a overnight trip, staying at the Motutapu Education Centre, and on the first day having a hui, discussing issues, sharing stories, and possibly getting some speakers etc. (getting to hear from everyone, sharing opinions) And then on the second day going tree planting with the restoration trust). They seemed to think it was a good idea, and are putting us in touch with the Education Centre. We are planning to contact Mercury Energy, and companies of the like for sponsorship to keep the prices down.</p>
Beach Clean ups	<p>Yr 12 student from Pakuranga College</p> <p>Hello, Pakuranga College would like to inform you that the 13th of June will be our Beach Clean Up at Eastern Beach. Tell everyone so we can get involved !!! It will be advertised and open to everyone from McLeans College to help for our future and the environment!</p> <p>Yr 9 Student Mahurangi College</p> <p>We organised a beach clean up with two year 8 classes from Mahurangi College, at two local beaches Mathesons Bay and Goat island. Our aim was to compare the rubbish quantity of a non-protected beach, and a protected beach (marine reserve). First we told the students about our great experience in the MAD Marine Program and passed on some of the knowledge we had gained. We then started to pick up rubbish, recording what we found. Afterwards we did role plays and made up stories about how the rubbish travelled to the beach, and gave out prizes, to create a more enjoyable experience. This is what we found:</p> <p>Mathesons Bay (non-protected beach): At Mathesons we found a shocking amount of cigarette butts, bottle tops and plastic, with cigarette butts being the most prominent, we found at least 500 in the hour and a half searching. When we first got to the beach we could not see much rubbish but once we started looking for it all of the students were amazed at the amount of rubbish hiding in various places. We think most of the plastic we found was washed up onto the beach perhaps from neighbouring beaches or boats because it was mostly found in reeds on the high tide line. In our social survey we found that there was only a few locals on the beach that day, but many baches occupy the area, so we assumed that the cigarette butts and bottle tops was mostly created by locals and summer holiday makers.</p> <p>Goat island Marine Reserve: After Mathesons, we estimated that we would find more rubbish at goat island as it is a popular tourist attraction, and after a busy summer we thought there would be a lot of rubbish. We found mostly food wrappers and cigarette butts probably left by summer beach users. Once we started looking, we did not find as much rubbish as we had estimated. We realised that people must have more respect for the marine environment here, as it's a marine reserve and they can see for themselves the life and habitats they would be destroying by leaving rubbish.</p> <p>Over all..... We concluded that it was a very worthwhile experience for the students</p>

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	<p>and ourselves with everyone learning something new. From our social survey we found that 2 out of 3 people were unaware of the damage rubbish causes in the marine environment, so next years project would be aimed at raising awareness. Thank you so much Cate for the amazing experience in the MAD Marine program. We have developed many great skills, learnt so much, and got many ideas for the future in helping the marine environment.</p>
<p>Climate change Travel</p>	<p>Yr 12 students from Tamaki College</p> <p>At Tamaki College, our environmental group has grown - more and more people getting involved. This week we are speaking at assembly. We are talking about awareness of Global Warming (using that fun clip from the Inconvenient Truth DVD), encouraging Paper Recycling and we are starting up an "Action of the Week" where, each week, a new action is presented, (I got the actions from the WED link, where there was those tips! Very useful), We are also talking about World Environment Day. We are also having a day for tree planting in the local reserve! Our Year 9 students are involved as part of their science unit on Communities. Dave Bowden from the Auckland City Council is co-ordinating the planting along with volunteers from Conservation Volunteers NZ. And our Year 12 Biology class will be going, along with the Enviro Heroes! (Our new environmentalist group name.) As well as a waste audit happening near the end of the term! So lots going on and keeping really busy. Thanks</p> <p>Yr 11 Student from Lynfield College</p> <p>I went to MAD Marine and the main focus of our planning was Seaweeek. This took place in March. We identified the major barriers to helping the environment, which we though were ignorance and apathy. To remedy this, we planned to take back simple ideas that people could incorporate into their everyday lives. This included both things that could be implemented in our school, and things for the individual to do at home. We have been getting the messages out through the notice board that we have put up, the daily notices, and posters. We have also had a couple of bigger events, such as our 'mini freeze' in the middle of our school. While this was not originally come up with at MAD, it would not have happened without having gone to MAD, as MAD was not just about planning, but a chance to meet and work with other like minded teens, and get ideas off each other - even after the actual event.</p>
<p>Waste management / reducing traffic congestion</p>	<p>Yr 12 Student at Botany Downs Secondary College</p> <p>For World Environment Day, we've got a few things planned over the week, such as a walk/bike to school day, movie screening, and walk your litter home day. We also have done a rubbish audit in my whanau, and will be presenting results Tuesday at assembly.</p> <p>Do you have any suggestions for a movie that is environmentally related that we could screen on Friday? We showed Inconvenient Truth last year, but we are thinking of something that is really entertaining and will attract everyone, not just those actually interested in environmental issues. This is an awareness event, after all.</p> <p>Also, a student from our school, Tommy, has been awarded the Green Ribbon Award, which is really awesome. It's great for our school too. He was acknowledged at school assembly yesterday and gave a speech on keeping our school clean and green. He also told everyone about World Environment Day, so everyone knows now, we just need to advertise specific activities. The Minister for the Environment, Nick Smith is coming to give him his award.</p> <p>We're having some good progress in other actions too. Our mural is fast progressing through planning and hopefully we can make a start by the end of the term. We also have a worm farm, an Enviro school mascot and more presentations in the works. Thanks for all you've done.</p>

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Wai Care	<p>Yr 12 student Auckland International College</p> <p>I am going to India next month for about 20 days and in that short time I am planning on organizing a youth drive [first of its kind in my vicinity maybe even the city]. I am planning to start a river clean up a river much dirtier than the one I had described to you at Earth Song. It's completely black, it stinks has tons and tons of affluent and garbage flowing in it and settling on its banks. I am planning to start a movement and with the help of every local school in my area approx. 10 schools I plan to clean the banks. I have already contacted a local organization Garbage Concern regarding the same. As I had informed you that back there people seldom participate in physical conservation. Can you please provide me some links or testimonies of communities especially school going children pertaining to the effect physical conservation had on them so that I can further influence the NGO Garbage Concern India to help me in my initiative.</p>
Energy	<p>Yr 13 student Rutherford College</p> <ul style="list-style-type: none"> • <u>Announcement in assembly</u> about NZ stats & Rutherford stats and the things you can do to easily to Make a Difference. DONE • <u>Light Switch Signage Competition week 6</u> All entries to be put up around school Judged by Envirochallenge Team Winner gets: <u>Eco Bulbs & Chocolate</u> • <u>Skit / Video about wearing jumper instead of turning on the heater (or other)</u> • <u>"5 Footprints of Sustainable Energy Use"</u> Five tips about easily decreasing your carbon footprint - to be put up around the school as posters • NOTES: Make signage comp entry example to show at assembly DONE • Investigate switching off computers earlier (Meeting with Mark) • Solar Panel - check prices and feasibility of instalment • World Enviro-Day Talk in assembly about litter free lunches and alternative, sustainable transport to school. DONE
Conscious consumerism	<p>Yr 11 student from Saint Kentigen</p> <p>After attending M.A.D camp, I've really been inspired to make a difference at my school.</p> <p>We've started up an enviro-club for the junior students and we have nearly 50 students on the team. We meet once a week. We are all going to Motutapu to do tree planting in a couple of weeks, and it's going to become a regular thing.</p> <p>We have also got plans to take the students around the estuaries around the school during lunch to pick up rubbish.</p> <p>For enviro week next month we are also sending these students around the school in a green t-shirt, spreading the word, whilst trying to make the school 100% litter free for the week. We're also going to have recyclable garment days as well for juniors. The recycle garment is an event our school's environmental council is planning, it's only for the yr 7 and 8's and each student is going to bring a piece of old garment, and then the students will put them together and try to make an outfit out of other people's clothes.</p> <p>It's all going pretty well, and I just want to say thanks to you and your colleagues at ARC for organizing the MAD camp because it was very fun and really inspired me.</p>
Sustainable gardens	<p>Yr 13 student at AIC</p> <p>I had contacted Ron about vermicomposting after exams were over but I suppose he is busy at the moment. On the other hand I am trying to get soil for our terrace garden from some farm in the outskirts of Auckland if that comes on fine I will not need further funding.</p>
Political awareness and	<p>Yr 13 student Papatoetoe High School</p> <p>Dear Mr Twyford,</p>

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action	<p>I was one of the 4 students who represented Auckland at the Sir Peter Blake National Youth Environment Forum which was held in Wellington earlier this year. The forum was a truly inspirational experience where we met so many outstanding people who do such an amazing job to make their communities more sustainable. After coming back to Auckland, we want to inspire other Auckland youth to undertake environmental action.</p> <p>Working with the Auckland Regional Council, we are organising a workshop on the submissions process which Auckland youth will take part in. The workshop will also give students an idea of the current issues that concern the environment. We will be discussing issues such as the Waste Management Bill, and also how the new "Super City" structure for Auckland will affect our communities and whether it will be helpful in making Auckland a more sustainable city.</p> <p>We would like to invite you to discuss your views with us at the workshop which will take place on July 10th at the Auckland Regional Council chambers. As the spokesperson for Auckland Issues for the Labour Party, your message to the students will empower them to take action, and take part in the submission process which will help them to express their views regarding the environment and Auckland's future.</p>
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New Zealand College Herald 16/2/2009

Plastic scourge of marine life

Imagine you are walking along the beach and you see a little penguin with a ring around its neck. It is starved of air and unable to breathe. Sound like a rerun of *Happy Feet* the movie to you? Maybe, but penguins just like Lovelace the Oracle wash up on our beaches every day.

However, most of these penguins don't get their "talisman" — a plastic six-pack wrapper — torn off by an orca whale. They end up choking to death.

But it's not just penguins that are affected by the plastic waste in our ocean. Whales, dolphins, seals and even plankton are harmed as well.

In *Happy Feet* Mumble the penguin finds out that the humans are overfishing the Antarctic. However, now the humans — us — are polluting the sea and killing the marine life. We are the ones who are dropping the rubbish and poisoning the ocean.

Most people aren't polluting the sea on purpose, though. If we can make the public more aware of this issue then I believe that we can stop a lot of the waste going into our oceans.

Beach clean-ups are a fun and easy way to do this. By picking up litter on the beach with your friends you can stop plenty of plastic waste from going into the sea.

Did you know that one cigarette can contaminate seven litres of sea water? By picking up butts you are not only cleaning up the planet but also saving the lives of many marine animals.

Another simple idea is to reduce, reuse and recycle more. You could print your work out on double-sided paper or even use the paper again for something else. You can also recycle

more. Glass, paper and plastic can all be recycled.

But now can one person really change the planet? Well, already a number of students — including myself — have come together to discuss what we can do to help our marine environment. At the "Make A Difference Marine Forum" on Motutapu Island, we talked about ways to help our oceans.

We went back to our schools and made a difference to our local environment.

And before you all think that I must be talking about some random event that happened 50 years ago, let me assure you, I'm not. All of this has been ongoing from the start of this year and so far it's been a success.

So you see, just like Mumble the penguin, one person really can change the way that we think and save the sea at the same time.

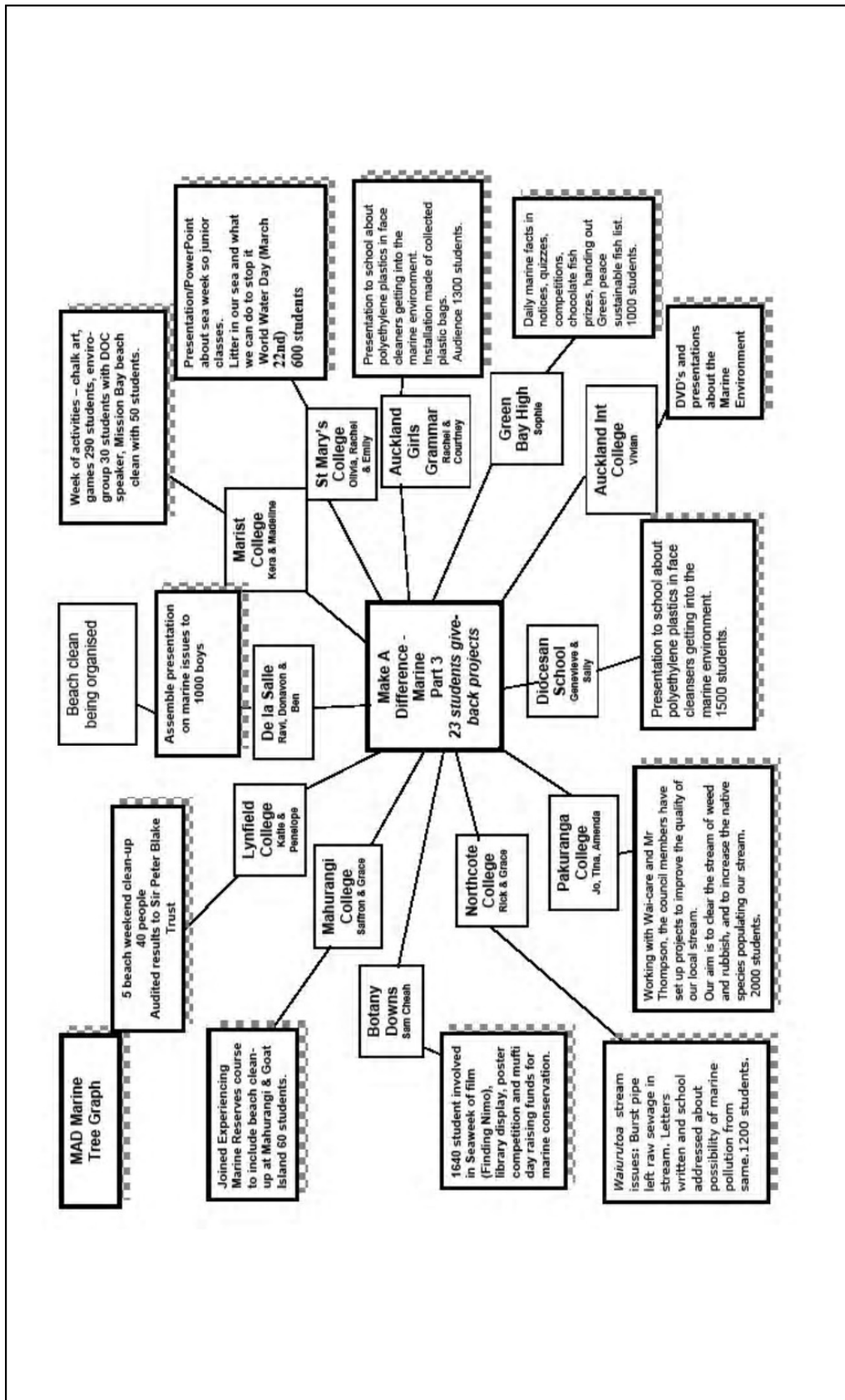
I represented Diocesan School for Girls at this forum and we are doing a presentation to Years 10 and 11 about polyethylene plastic and litter around our school.

Even if you never do anything as extravagant as Mumble did — crossing the whole ocean just to make his point — I know that every one of you can make your own difference to our sea.

If you only remember one thing about this article, remember this: picking up just one plastic bag, cigarette butt or plastic drink ring could save the life of a marine animal, just like Lovelace the Oracle.

■ **Sally Whineray, Year 11,
Diocesan School**

MAD Marine – Sphere of Influence



C.4 UPDATE ON THE WAI CARE PROGRAMME

P266-40

Louise Mason, General Manager Programmes and Partnerships, Viv Sherwood, Community Programmes Manager, Chrissy Henley, Wai Care Regional Co-ordinator: 23 September 2009

The report has been prepared in accordance with the provisions of section 76 and 77 of the Local Government Act 2002, having regard to section 79.

EXECUTIVE SUMMARY

The Wai Care programme is a regional waterway education, monitoring and action programme coordinated by councils (except for Franklin District Council) across the Auckland region. Wai Care works with a number of agency partners who support the development and delivery of the programme.

Currently there are 125 groups facilitated by Wai Care co-ordinators but there are many other groups and individuals who benefit from programme delivery. Groups undertake a range of water-related activities and actions which aim to help improve waterway health and community awareness of the issues.

A satisfaction survey carried out in 2009 resulted in 100 percent satisfaction with the regional coordination of the programme.

C.4.1 PURPOSE

The purpose of this report is to update the committee on the achievements of the Wai Care Programme for 2008/09 and to provide information about the ongoing development of this programme.

C.4.2 BACKGROUND

Wai Care is a regional waterway education, monitoring and action programme guided by its vision of "Together for Healthy Waterways". All councils across the region (with the exception of Franklin District Council) are formal partners of the programme.

Wai Care utilises three main approaches: science, learning, and community empowerment to achieve the vision and goal of "enabling communities to be active in the protection and management of waterways". Each council places different emphasis on the three approaches but together the councils work to strengthen each approach.

After a 1999 pilot, Wai Care was officially launched by North Shore, Waitakere, Auckland and Manukau city councils and the ARC in 2000. In 2001 the programme won the Ministry for the Environment's Green Ribbon Award "Raising Awareness of Environmental Issues" category for "a programme that combines both public service and education". By 2004 Rodney and Papakura district councils joined the programme.

In addition to the formal council partners, other organisations provide additional support, advice and technical assistance and in some cases sponsorship of the programme.

How the programme works

The programme is a partnership between the councils involved, each providing a representative to the steering group (that oversees the strategic direction) and contributing to a regional budget to support the ongoing development of the programme. ARC manages the joint regional budget and provides the regional co-ordination of the programme.

Participating local councils are responsible to deliver the programme in their area employing local Wai Care co-ordinators who work on the ground with groups, individuals and schools. When groups formally join the programme their local co-ordinator helps them identify objectives and activities. Each group then has access to ongoing co-ordinator support that includes the provision of a stream water quality monitoring kit.

In terms of water quality monitoring, groups investigate the physical stream condition, water chemistry, and macro invertebrate assemblages as indicators of stream health. Many groups also undertake practical actions to help improve water quality and raise the profile of local streams and stream issues in the wider community. These include riparian planting and weeding, litter removal, presentations, posters, creation of blogspots, websites and the reporting of suspicious changes in streams to council pollution hotlines.

Not everyone who Wai Care works with is an Wai Care official group: co-ordinators also work closely with groups and individuals interested in other catchment and stream information, as well as facilitate 'one off' stream monitoring sessions.

C.4.3 MAIN REPORT

General overview of last year's results

Since 2003/04 the Wai Care Programme produces an annual report highlighting the achievements and results of the programme. The 2008/09 annual report is appended to this report (refer Attachment 1).

Table 1 below summarises statistical information relating to the community involvement in the programme.

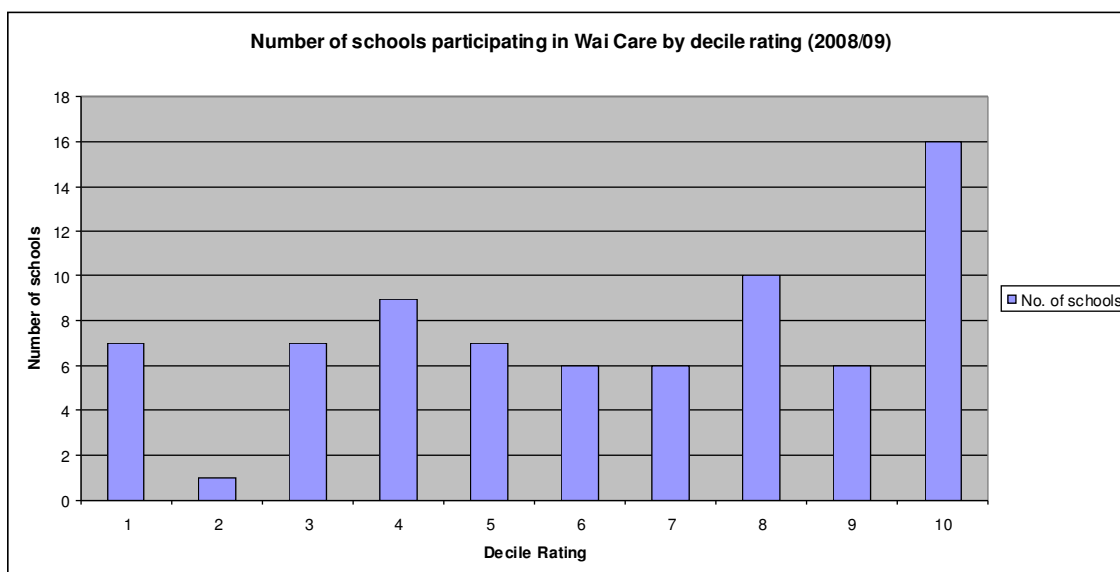
Table 1

Community Involvement in Wai Care 2008/09							
	No. groups involved in monitoring	No. of planning sessions	No. of people monitoring	No. of monitoring sessions	No. people on one off trips	No. of planting events	No. of trees planted
Rodney	9	22	145	15	433	4	10,000
North Shore	23	13	171	237	456	4	461
Auckland City	28	51	687	123	2,222	24	14,600
Papakura	11	4	402	16	757	5	2,355
Waitakere	29	3	2,949	1	986	7	
Manukau	25	12	1,474	47	601	4	1,400
Total	125	105	5,828	439	5,455	48	26,461

Of the 125 groups involved in Wai Care over the past year, 60 per cent are school groups and 40 per cent are community groups and individuals. Decile 10 schools

have the largest school participation in the programme, while decile 1 – 5 schools represent 40 per cent of school participants (Graph 1).

Graph 1



Trends

Some of the trends evident in the 2008/09 Annual Report include:

- Increasing numbers of groups are involved in planting as a way to take practical action towards waterway health with 25,500 native plants planted along streams in 2008/09 compared to 10,000 in 2007/08.
- Groups are using a greater range of tools for engaging and communicating with communities including blogging, flyers, websites, posters, letterbox drops, displays, presentations and submissions (eg to community boards and councils).
- Some groups are starting to work together to support each other's work (eg when one group is unable to carry out a monitoring activity another may step in to do this for them).
- Wai Care received more than 100 information requests on the programme from universities, the Department of Conservation, other councils (such as Christchurch City Council) and organisations (including The Far North Environment Centre and Te Awanui-a-rangi Wananga).
- Wai Care received extensive press coverage with over 60 items published in newspapers, newsletters and magazines.

Pollution watch dogs!

Each year a number of pollution incidents are reported as a result of water monitoring. For example on the North Shore, a group noticed that monitoring results were unusual, called the NSCC Pollution Response Team who traced the pollution to a fat-blocked drain that produced a sewer system overflow. In Waitakere, a school group recorded a very low pH (indicating acidic water) and noted a red stream with

the resulting ARC Pollution Response Team investigation identifying a wine spill from a vineyard.

Some pollution spotting has led to a prosecution as happened on Oakley Creek where a group noticed a smelly and foamy discharge from a stormwater drain in December 2008. This was traced to a local building site where the proper procedures for chemical application had not been followed. The company was prosecuted and fined.

Ongoing Programme Development

Wai Care has strong relationships with external partners. These partnerships allow the programme to keep up with science-related best practice, support community capacity building and leverage resources beyond the modest shared budget. These strategic partnerships include:

- Landcare Research provides input on freshwater ecology and macro-invertebrate identification and training;
- Unitec provides guidance about stream restoration as well as supporting the annual community expo (that includes workshops, displays and awards);
- Auckland University provides input around stream biofilms (micro-organisms) delivers training programmes and professional support to Wai Care Co-ordinators;
- The Royal Society of New Zealand's Environmental Monitoring and Action Programme (EMAP) provides a national overview of water-related education. Wai Care is working with EMAP to develop a national water educators network to increase sharing and learning nationally;
- United Water provides financial and technical support to a school in Franklin to monitor local water quality;
- Working with Auckland Zoo, Forest and Bird, Keep Auckland Beautiful, Kaipatiki Project and Worms R Us on Conservation Week events saw around 1,600 school children taking part in activities across the week;
- Te Awanui-a-rangi Wananga at Unitec's Mt Albert campus use the Wai Care kit in its undergraduate environmental science programmes and is interested in sharing resources and training opportunities.

Evaluation

ARC's role in the programme was evaluated for 2008/09 with programme partners and stakeholders reporting a 100 percent satisfaction with regional programme co-ordination. The regional co-ordination was seen to provide programme leadership and a more focused and strategic approach to Wai Care. Other benefits included the collaboration and sharing of information and resources, peer support, professional development opportunities and relationship development.

The regional co-ordination role is seen as providing an important link between the regional perspective and the local councils.

Many of the respondents praised the work, attitude and approach of the current co-ordinator and felt that she had contributed significantly to the improvements in regional co-ordination and the programme.

C.4.4 FINANCIAL AND RESOURCING IMPLICATIONS

Funding for the Wai Care Programme is provided for in the LTCCP 2009-2010

C.4.5 LEGAL AND LEGISLATIVE IMPLICATIONS

There are no legal and legislative implications arising from this report.

C.4.6 CONSULTATION

No consultation has been required in the preparation of this report.

ATTACHMENT

- Wai Care Annual Report July 2008 – June 2009. [Under separate cover]

RECOMMENDATION

That the report be received.

D ADMINISTRATIVE ITEMS

D.1 PROCEDURAL MOTION TO EXCLUDE THE PUBLIC

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D.1 PROCEDURAL MOTION TO EXCLUDE THE PUBLIC

RECOMMENDATION

That, pursuant to the provisions of Section 48(1)(a) of the Local Government Official Information & Meetings Act 1987, the public be excluded from the following proceedings of this meeting; the subject matter, the reasons and specific grounds for exclusions are set below:

E.1:	PINE HARBOUR MARINA LTD, REQUEST FOR ARC APPROVAL OF 2009 DREDGING AND DISPOSAL METHODOLOGY AND MONITORING PROGRAMME
Reason:	Legal Professional Privilege
Grounds:	Withholding of the information is necessary to maintain legal professional privilege - Section 7(2)(g) of the Act
Specifics:	The report provides legal advice on the subject indicated in the report title.