

ENVIRONMENTAL SERVICES COMMITTEE MEETING HELD ON WEDNESDAY 16 APRIL 2008 IN MEMORIAL HALL SUPPER ROOM, ESPLANADE, KAIKOURA.

AGENDA

1. *Apologies*

2. *Matters of Importance to be raised as Urgent Business*

3. *Matters Arising from the Report of 19/03/2008*

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4. *Minutes Action & Issues List Update*

MEETING	ACTION REQUIRED	BY	DATE ACTIONED
	21 NOVEMBER 2007		
Environmental Services	Recommend a name to Council for the West End bridge	Road Naming Sub Committee	Recommendation included in Council agenda.
	19 DECEMBER 2007		
Environmental Services	Initiate a recognition system for private and commercial recycling	Rachel	To be initiated.
	20 FEBRUARY 2008		
Environmental Services	Invite Environment Canterbury to provide an update on Lyell Creek	Kate McBride	An Environment Canterbury representative will provide an update at 10.30am
	19 MARCH 2008		
Environmental Services	Check frequency of bin emptying contract	Asset Manager	In Progress

5. *Environmental Services Report*

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- *Building*
- *Dog/Stock/Noise Control & Security*
- *Resource Planning*
- *Resource Consent Update List*
- *District Planning & Environmental Planning*
- *Monitoring*
- *Biodiversity & Environmental Projects*
- *Environmental Health*
- * *Environment Canterbury will attend at 10.30am to discuss water sampling of Lyell Creek.*
- *Environmental Services Budget Report*

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7. *Urgent Business*

• Building

There were 17 Building Consents with a combined construction value of \$1,453,975 issued for the month of March 2008. These consents were for:-

- 5 new dwellings 1 with garage
- Farm cottage
- Boiler room
- Additions to dwelling
- Extension to existing retaining wall
- 5 freestanding fires
- 1 Potbelly stove and verandah
- 1 marquee
- 1 deck with roof over

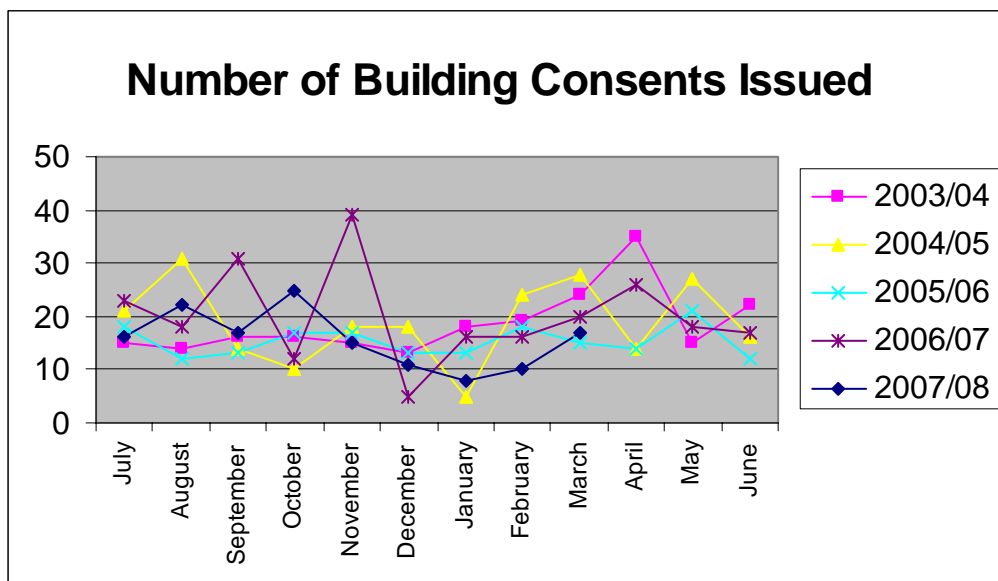
There were 9 Code Compliance Certificates issued for completed projects in March 2008.

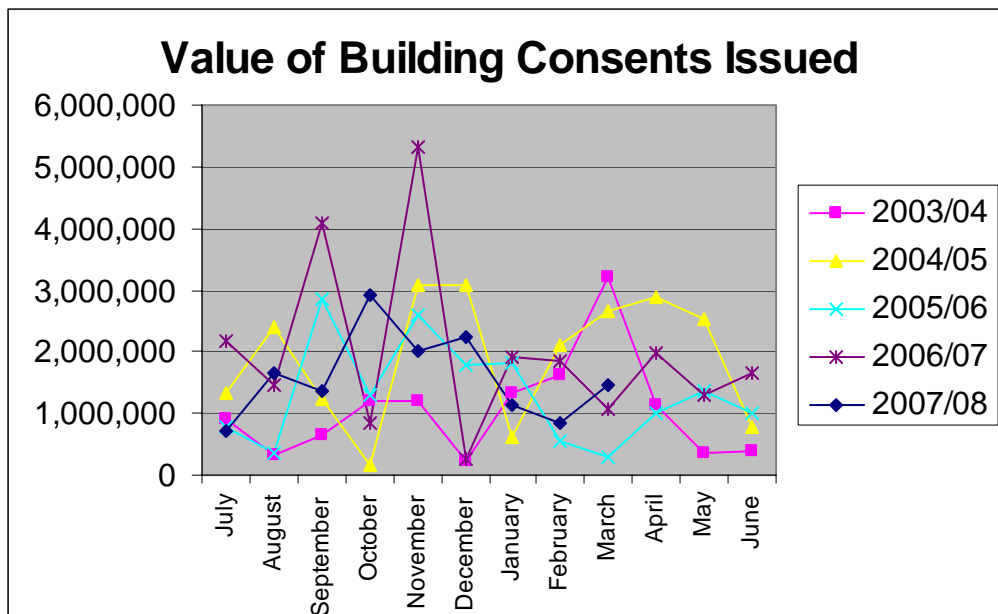
The total number of Land Information Memorandums being requested for the month of March 2008 was 12

The re-visit by the IANZ Assessors has now been undertaken and Kaikoura District Council has been recommended for full accreditation status as a Building Control Authority. The achievement of this status demonstrates our commitment to the community to provide the necessary capability within the council to ensure safer compliant buildings and improved consumer confidence in the building industry. It enables us to continue serving the community by issuing building consents and undertaking inspections for new building work.

The next stage of the process is for IANZ to recommend approval to their professional advisory committee, then to officially offer KDC accreditation and for KDC to formally agree to abide by the rules of accreditation. IANZ will then issue a certificate of accreditation. It is anticipated that this process will take approximately 3 weeks.

It is important to maintain momentum because IANZ will complete a full routine audit every 2 years.





• Dog/Stock/Noise Control & Security

Dog Control

1. March was an average month with 23 complaints/calls being received re dogs alone.
2. The on going Ludstone Rd issue is due in court on the 11th of April. As previously mentioned things have been good regarding this matter however a call was made from one complainant late to my house. Guests were staying and a visitor took the call and the complainant, who had been drinking, was rude and almost abusive to the guest. The complaint related to the caller having a verbal altercation with the dog owner on the way home from the hotel that night and the complainant complained the dogs barked during this. The property was checked shortly after by the on duty guard and no ongoing barking was noticed.
3. A call was received after two dogs were witnessed in with a mob of sheep. I attended and on arrival the dogs were away from the sheep and were picked up. The owner of the sheep subsequently checked all stock and no damage of any kind was found and the dogs were returned to their owner. This matter will be dealt with by way of infringement notice.
4. The other calls mostly related to dogs on the loose, missing dogs and located dogs.

Stock Control

1. Three complaints were received re stock. One related to fellow deer on the road in the Oaro area and the other two related to cattle. No stock was located in any of these complaints.

Noise Control

1. Four complaints were received. One resulted in an abatement notice being served and Police informed. This being near the start of Beach Road the night the wilful damage occurred on the road and nearby fences. I am unsure if Police attended. Two other complaints related to parties where the levels of noise were found to be no problem. One complaint related to a long on going issue in Whitby Place and the band practice off Churchill Street. As I was out the complainant did not wish to call my cell phone and as a result when I dealt with this matter the practice was over. (905pm)

Closed Circuit Camera – West End Toilet Facility

1. The system is performing well and during the period no incidents have been reported.

• Resource Planning

Resource Consent Update: From 7th of March to 7th April 2008

Five new applications were lodged during this period. The consents are a mix of non-notified land use and subdivision consents. Work continues on several large notified resource consent applications and appeals before the Environment Court. Notified applications include:

- **DR & JF Johnson** – Chapmans Road -16 park subdivision. Notification closed on the 17th of December 2007. No submitters wish to be heard and application will go to Hearing and Application Committee.
- **Kaikoura Developments Limited – (Scenic Circle)** – A formal request has been received for an extension of time to allow the consent to lapse on 22 May 2013. Information has been provided from the applicants on key dates. If the extension is given construction is intended to commence in year four of the project. The application has been asked to consult with the adjoining property owners.
- **Global Property Investment** – Subdivision at Mangamaunu. Agreement has been reached with Te Runanga O Kaikoura. The applicants are currently working with NZ Historic Places Trust it is like that a formal hearing will no longer be required.
- **Works Infrastructure- Kowhai Ford** – Formal decision has been released, consent has been granted with Conditions.
- **Realworld -100-102 Torquay Street** – 19 Residential Apartments and 4 visitors accommodation units. Application placed on hold at applicants request.
- **Realworld -100 Torquay Street** – 11 Residential Apartments – application currently on hold seeking additional information prior to notification.
- **Ngai Tahu Property Limited** – 64 residential lots in a farmpark subdivision. Application heard on date 8-10 August 2007, reconvened on 15th October 2007. Decision received 13 February 2008. Application granted subject to conditions. Decision under appeal by applicant and submitters.
- **Midway Limited** – 4 Lot subdivision - Mill Road. As a result of Environment Court mediation the number of allotments has been reduced from 9 Lots to 4 Lots. Agreement in principle has been reached with the surrounding property owners and conditions drafted. Written approval has been obtained from the Section 274 party and the order has been sent to the Environment Court for approval.
- **Kaikoura Investment Trust Ltd – Acacia Downs Stage II** – 25 Lots subdivision. Application has been received and additional information requested. The application will be publically notified as soon as all additional information is received.

The number of new resource consent and public enquires for this period has increased. The majority of work being focused on larger subdivision consents. An increase in hearings and Project Information Memorandum has also been noted.

• Resource Consent Update

RESOURCE CONSENT UPDATE LIST FOR THE PERIOD 7th MARCH 2008 TO 7th APRIL 2008

Resource consents decisions issued:

Type of Consent	Applicant	Address of Activity	New Lots Guest No.
64 lot farm park subdivision and 4 back country huts	Ngai Tahu Properties Limited	Rakanui Road	64
Relocate depot incl office, parking, toilets, concrete batching, aggregate storage, cement silo, vehicles etc	Works Infrastructure Ltd	Kowhai Ford Road	
Build Storage facility within the 5 metre setback of the Esplanade Reserve & Managers Apartment in Flood Hazard Zone	H & H Dakota Ltd	75 Beach Road	
Earthworks in archaeological area (Road widening to allow a footpath to be formed)	Kaikoura District Council	Fyffe Quay	
Upgrade existing mobile phone site – under section 137 – certificate of compliance	Telecom Mobile Ltd	SH1 Clarence	

Active consent applications currently in process:

Type of Consent	Applicant	Address of Activity
25 lot subdivision, access roading etc	Kaikoura Investment Trust Ltd	Acacia Downs SH1
Create a farm park with 26 residential lots (2.005ha- 3.315ha)	Heaton Investments Ltd	Dairy Farm Rd

Consent applications awaiting receipt of further information requested from applicant or on hold:

Type of Consent	Applicant	Address of Activity
2 lot subdivision & amalgamation (1.04ha & 15ha)	RN & LA Boyd	Schoolhouse Road
2 lot subdivision	AJ & RE Murray & JL Joseph	Clarence Point
Build garage with non-complying recession plane & boundary setback	K & J Howden	37 Adelphi Tce
Build 4 dwellings for pensioner housing	Kaikoura District Council	95 Torquay Street
2 lot subdivision & amalgamation (1.04ha & 15ha)	RN & LA Boyd	Schoolhouse Road
Create 16 residential lots on a 20 lot farmpark, consent for dwellings on .5ha - .95ha lots	DR & JF Johnston	Chapmans Road
3 lot subdivision (6913m ² , 4097m ² & 7974m ²), build dwellings in Flood Hazard Area	SN Young	15 Old Beach Road
4 Lot subdivision, build dwellings	MW McCrory & Others	Kiwa Road & Station Road
20 Lot Subdivision	Harmon G	Bay Paddock Road
2 Lot subdivision, build dwelling	JA & WR Blackler	63 Old Beach Rd

Build 6 units to provide accommodation for 16 guests	Serenity Lodge Kaikoura Ltd	Kincaid Road
2 lot subdivision	Tormar Holdings Ltd	Cnr Margate & Torquay Streets
High Traffic Generating Activity	Mitre 10 Holdings Ltd	105 Beach Road
Subdivide 2 lots into 4	Jellis VC, Grant BA & S	Cromer St
2 lot subdivision, build dwellings	RN Boyd	85 Mill Road
Boundary adjustment	RJ, SAL & SS MacFarlane	The Store Kekerengu
3 lot subdivision and boundary adjustments	Manuka Ridge Ltd	Old Beach Road
3 Lot (2.7ha , 2.3ha & 29.8ha) Subdivision	HS & KA MacKenzie	466 SH1 Puketa
Build 19 residential apartments and 4 visitor accommodation units	Realworld	100-102 Torquay Street
Build 11 apartments	Realworld	102 Torquay St
Car parking & storage area	Prime Pine	210a, 212,216 Beach Rd
Sign Consent	The Woolshed - Davidson	Beach Road
Signs Consent	Wilson*	State Highway 1, Hapuku
Subdivision- Separation of existing title	Matariki Farms	State Highway 1 Clarence
Land Use – Visitors Accommodation 12 Chalets	MacFarlane	Kekerengu
Subdivision – Create one additional allotment	A & T Flavell	102A Torquay Street
Subdivision, create one additional allotment	Reader	State Highway 1, Meriburn
Subdivision & Land use – Rural subdivision in Hapuku	Global property Investments Ltd	State Highway 1, Hapuku
Subdivision: 2 lot subdivision & dwellings	Rearon SJ & AR	19 Old Beach Rd
5 lot subdivision, retain existing buildings	Nelson Diocesan Trust Board	16 Yarmouth St & 37 Torquay St
Boundary adjustment, retain existing buildings	Canterbury Underwater Club & 100 Torquay St Ltd	96 & 100 Torquay St
Land Use - Build 7 unit apartment	100 Torquay St	100 Torquay St

Consent applications subject to appeal under sections 120 and 358 of the Resource Management Act:

Type of Consent	Applicant	Address of Activity
9 Lot subdivision (4436m2 - 5528m2), Build dwellings	Midway Ltd	Mill Road
64 lot farmpark subdivision and 4 back country huts	Ngai Tahu Properties Limited	Rakanui Road

Consent applications subject to objections under section 357 of the Resource Management Act:

Type of Consent	Applicant	Address of Activity
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Consent Applications declined:

Type of Consent	Applicant	Address of Activity
None	G Harmon	Bay Paddock Rd

Consents withdrawn

Type of Consent	Applicant	Address of Activity
None		

Consent applications subject to application for declaration under section 311 of the Resource Management Act: Nil

* Denotes Retrospective Consent

*¹ Denotes Retrospective Consent Signage Aspect Only

• District Planning & Environmental Planning

District Plan Appeals

All appeal matters are now settled and the plan will be launched shortly.

Canterbury Regional Council

Regional Policy Statement

A presentation on the Settlement and Built Environment, Transport, and Versatile Soils was given on 17th April 2008. Feedback was taken by Environment Canterbury on the Natural Hazards drafted chapter and Council was invited to provide further feedback on this and the other issues presented in written form. A workshop is proposed on 23 April 2008 to discuss formulating Councilor's comments into formal feedback.

Transit New Zealand

Strategic Transport Study

A final staff meeting was held on 11th March 2007. Further changes were made to reflect the importance of the issues around roading in the Kaikoura District. The document will be circulated when a final version is completed and presented to Council for ratification.

West End Working Party

Generally positive feedback was received on the sample section of footpath completed by the working party. The working party has discussed the feedback and are currently seeking costing for the preferred options. The work is scheduled to proceed in winter 2008 while the town is in the quiet season.

Potential Plan Changes

Business/ Industrial Zone

The zoning is progressing. A letter of direction has been provided outlining objectives and policies of relevant planning documents. The applicants are to provide a draft concept plan to Kaikoura District Council with options for effluent disposal, the timing of this is dependant on the applicant.

Community for Climate Change

Solar Street Light

The test light at Tom's Track has been installed. The existing light at Whitby Place has been upgraded. These are both quite different units. Feedback on both these lights is welcome and should be addressed to Matt Hoggard.

Recycling in Public Places Initiative

As reported previously, this initiative continues to be successful in the District. The rest of the public places bins have arrived and will be installed in the town centre in the near future. The Ministry for the Environment has extended the advertising timeframe for the promotion as Kaikoura had bins in place. A bin survey is being undertaken to assess if the new bins make a difference to the amount of

rubbish in the public rubbish bins. The results of the rubbish audit are not yet available, but I look forward to reporting when these become available.

Kaikoura's Waste Management Plan

Following the successful Councilor workshop on this matter, a new report is presented in full Council for adoption.

Te Korowai

The open day and launch of the characterization report was very successful for the Te Korowai group. The group are now looking at formulating issues in preparation of a Strategy for the Kaikoura District. The characterization report is seeking comment and feedback, and this is due by 30 April if any Councillor wishes to make an individual submission. A Council submission will be presented to Council in due course.

Urban Design Protocol

Matt & Myself attended a training session in Christchurch on 1st April. This was very informative and discussion items included designing for tourists. One memorable quote was "If you build for locals, the tourist will come, if you build for tourists and they won't stay long". This quote was in context of urban design and ratified the importance of creating Kaikoura's own identity in any new developments public developments that are being considered. More information on the Urban Design Protocol can be obtained from Matt or myself.

Proposed New Zealand Coastal Policy Statement

The New Zealand Coastal Policy Statement has been reviewed and a proposed document has been released for submission. Copies will be provided to Councilor's and a workshop to discuss issues will be held on 23rd April 2008. Submissions are due by 7th May 2008.

• Monitoring

Monitoring is on going as is the follow with previous non-compliances. Only two complaints have been received over this last period and they are being resolved by the relevant Council staff.

• Biodiversity & Environmental Projects

Canterbury Regional Biodiversity Strategy.

Recap - A multi-interest Advisory Group (including Kaikoura District Council) has developed the first region-wide, collaborative vision for maintaining and enhancing this natural heritage. A Biodiversity Strategy for the Canterbury Region is a non-statutory document that establishes a framework of goals and priorities for undertaking biodiversity initiatives.

22 Canterbury organisations are represented on the Advisory Group - city and district councils, regional council, central government agencies, research and conservation organisations, Ngai Tahu, NGOs, and land owner, industry and community groups.

The strategy fosters a coordinated and cooperative approach, and recognises the importance of shared responsibility and working together to achieve the strategy's vision. Continued commitment and participation from our communities, decision-makers and landowners will ensure continued enjoyment of our region's natural landscapes and wildlife in the future.

Council adopted this strategy in September last year.

The official launch of the strategy was held in Christchurch on Thursday 27th March. The launch involved a field trip afternoon to some of Banks Peninsula Conservation Trust and QEII covenant sites and the Wairewa lagoon. The official launch was held there after involving a blessing of the strategy

(Craig Pauling, Ngai Tahu) and talks from the Minister of Conservation (Hon. Steve Chadwick), Ecan Councillor Ross Little, and local landowner and Biodiversity advocate, Pam Richardson.

The Minister of Conservation also announced from the recent rounds of the Advice & Condition Funds, that the Advisory Group were successful in their application to fund a Regional Coordinator position. This person will assist from a regional perspective, assisting the various parties involved in the coordination and implementation of the strategy. It is hoped that the coordinator will be in place mid to later in the year.

More information on the strategy can be found on:

<http://www.ecan.govt.nz/Our+Environment/Land/CanterburyBiodiversity.htm>

Media release of the launch:

<http://www.ecan.govt.nz/About+Us/DisplayMediaRelease.html?id=1060>

Biodiversity Contestable Fund.

The 2008 round has closed with 5 applications being received, totalling \$11783.25. A meeting will be arranged for the panel in the near future and the applications considered for decisions.

This is the last round of the funding previously allocated by Council. The Biodiversity Officer intends to review the fund and present a report to the next Council meeting.

Trees for Travellers Memorandum of Understanding (MOU).

Currently a document is being put together as a MOU between Council and Trees for Travellers. This MOU will outline areas of Council land suitable and available for Trees for Travellers plantings. It will also outline management responsibilities of the areas, expectations of each party, use of volunteers, encouragement of eco sourced trees, and site specifics etc (water availability, ease of public access, species suitable, any issues with site, size and potential number of trees).

Sustainable Living Programme

<http://www.sustainableliving.org.nz>

‘The Sustainable Living programme is a practical way of making small changes to limit your environmental impact at home. It’s your opportunity to step up, do your bit for the environment and find you can have fun doing so. The Programme is independently managed in Christchurch for [partner regional, city and district councils](#) across NZ’.

Kaikoura District had previously become a partner council to the programme, however little has been done with it to date. Being a partner however provides Council with the existing umbrella of the programme/information, 6+ years of experience, contacts, media templates for brochures, flyers etc, flexible low cost and low waste ‘publishing on demand’, potential access to tutors, practical information rather than theoretical, programme endorsed by Decade Education for Sustainable Development, ICLEI-CCP and Ministry for the Environment, and a dedicated national coordinator who champions the programme with low overhead costs.

Sustainable Living programme is supported in 2008 by the Households Sustainability Team at Ministry for the Environment.

Implementation of the programme in Kaikoura is on the cards and will entail - distribution of registration flyers to gauge interest in running workshops/classes here, create database of interest, if enough interest - source a suitable person who could tutor, access course material, coordinate and arrange course topics, location and date for courses.

A meeting was attended recently where contact was made with other Canterbury partners.

South Bay Recreation Reserve – bollards and landscaping

The bollard work was carried out on Tuesday 1st April. An archaeologist was on site as was an iwi monitor as required by the Historic Places Trust Archaeological Authority. No discoveries were found that warranted a stop work situation. Many shells, fish bones, and the likes were found.

It is hoped that car park areas and the existing track will be re-lined in the near future (quotes are currently being gathered), landscaping undertaken over winter and the middle open grassed area topped up and re-sown.

It is noted that previously Council has requested as a matter of priority that the entrance way/gate be upgraded. Suggestions as to what the Council had in mind would be appreciated.

Road widening from Old Wharf to Jimmy Armers.

Commenced on site Monday 7th April and expected to be completed with new seal by Friday 11th. New road marking will indicate a pedestrian/cycle lane.

Volunteers

First group due mid May. The schedule of works for them is based around riparian planting on Council Esplanade Reserve of Lyell Creek, some riparian work with Environment Canterbury, Weed control on river reserves with Environment Canterbury, walkway/planting work under the Coastal Development Plan (Ocean Ridge), and wilding pine work with Department of Conservation.

Kiwa Road/Mangamaunu

It is noted that discussions have previously been held around developing a management plan for the Kiwa Road/Mangamaunu area, covering recreational opportunities, reduction in environmental and cultural impacts and the likes. Although not on the immediate work schedule, the Environmental Projects Officer is aware of the task.

In terms of the new Norski toilet installed and opened prior to Christmas – currently this is being cleaned on a 3 month trial contract with the local Board Riders Club. This agreement has been working well and no complaints have been received. The contract is due for review and it is hoped that the local club will be interested in taking it on again.

• Environmental Health

1.0 REPORT OVERVIEW:

1.1 The month of March was busy with a large number of liquor reports and ongoing complaints.

2.0 Liquor Act & Gaming Act:

2.1 The following licences were completed during the period:

3 Applications for General Manager Certificates received and processed

10 Renewals of a General Manager Certificates received and processed

1 On Licence application received and currently on hold

1 Off Licence application received and processed

4 Special Licence application received and processed

2.2 A very clear message has been given to all licensed premises - **NO ID ... NO SERVICE**. I will continue to raise the profile of the Act and its importance during my food assessments and liquor inspections.

2.3 David Shovel will be following up the liquor ban enforcement issue directly with the Police. Clearly the emphasis must be on effective signage, enforcement and monitoring of the ban to ensure it is effective, more over appropriate. David will report his findings to Council as they become available.

2.4 Recent communication from the LLA and the NZ Institute of Liquor Licensing Inspectors has confirmed that with effect from 1st April 2008, the transition LCQ tests will cease to exist. This period is when the amendment legislation regarding the transition LCQ expires.

2.5 David & I been working on producing a joint agency liquor licensing newsletter detailing key initiatives that both Canterbury and KDC are actively formulating. I have invited both the

Police and Community & Public Health to contribute to the publication, along with other joining Agencies to emphasize key areas of the act that play a fundamental role in administration and enforcement of the Act. These include:

- Host responsibility
- Focusing on reducing intoxication and driving while under the influence of alcohol.
- Control Purchase Operations,
- Food provision,
- Minors,
- The law
- Training and the LCQ
- Suitability
- Penalties and prosecutions

3.0 Infectious Diseases:

3.1 No notifiable disease was reported in March.

4.0 Environmental Noise & Public Health Complaints:

4.1 February was generally quiet regarding complaints. Further complaints have been received regarding three accommodation providers in Kaikoura. The issues of concern are still being addressed and are now including building and resource management.

5.0 Registered Premises:

5.1 Premise inspections on all outstanding premises are continuing, however this is a busy time for food businesses and consideration is given to this. From the start of April, a focus is being placed on premise inspections.

5.2 Three food premises were inspected under the Food Hygiene Regulations 1974. Generally high standards were found.

5.3 Work is continuing to introduce the voluntary implementation of the Food Control Plans after July. These will be actively promoted in the next round of inspections starting in July 2008.

5.4 A newsletter is being developed to be sent to all registered food premises. This will cover general food safety information, as well as information regarding the voluntary implementation of Food Control Plans.

6.0 Water Quality Monitoring:

6.1 Please refer to the schedule of monitoring for February 2008. One transgression occurred in February.

6.2 Food and Health is continuing to take a very proactive and conscientious approach to water quality monitoring and the public health aspects attached to the maintaining safe drinking water, with the primary aim of protecting the consumers on the individual water schemes, and demonstrating compliance with the Drinking Water Standards NZ 2005.

6.3 Recreational water sampling by Environment Canterbury has now ceased for the 2007/2008 season. A report will be provided by Environment Canterbury later in the year which will include a summary of results for the season, and possible changes for next years sampling.

6.4 Lyell Creek Lagoon has had several high results, however this is known to have poor water quality and there is permanent signage at this site. Representatives from Environment Canterbury have been asked to attend a Council meeting to provide an update on the state of Lyell Creek. At this stage they will be attending the Council meeting on 16th April at 10.30am.

7.0 Shows and Events:

7.1 The only event for March was the Longboard surfing competition held at Mangamanu on 14-16 March 2008. Two Special Licenses were issued for liquor sales at the event and at a social function held at the Memorial Hall. No issues have been raised in regards to this event.

8.0 Other Matters:

8.1 There were no other issues for February.

Kaikoura District Council
Water Monitoring Monthly Report - March 2008

Winz Code	Sample Site and Code	Sample Date	Reference Number	Total Coliforms	E.coli	FAC
TP00217	Kaikoura Township KAIWS (1)	06.03.08	MMK5370	<1.1	<1.1	0.10
		11.03.08	MMK5394	<1.1	<1.1	0.15
		17.03.08	MMK5413	<1.1	<1.1	0.45
		26.03.08	5421	<1.1	<1.1	0.30
	New Mackle Bore: Mt Fyffe Rd	06.03.08	MMK5371	<1.1	<1.1	0.15
		11.03.08	MMK5395	<1.1	<1.1	0.15
		17.03.08	MMK5414	<1.1	<1.1	0.18
		26.03.08	MMK5422	<1.1	<1.1	0.15
KAI004KU	Kaikoura Reticulation-New Wharf KAIUR (1)	11.03.08	MMK5396	<1.1	<1.1	0.05
		26.03.08	MMK5423	<1.1	<1.1	0.05
KAI004KU	Kaikoura Retifulation: ~ Mt Fyffe Road KAISR (2)	06.03.08	MMK5372	<1.1	<1.1	0.05
		17.03.08	MMK5415	<1.1	<1.1	0.05
KAI004SB	Southbay Parade Southbay KAISBR (1)	11.03.08	MMK5397	<1.1	<1.1	0.05
		26.03.08	MMK5424	<1.1	<1.1	0.00
KAI004SB	South Bay Reticulation: ~ Coastguard Bldg KAISBR (2)	06.03.08	MMK5373	<1.1	<1.1	0.00
		17.03.08	MMK5416	<1.1	<1.1	0.00
TPO1001	Kincaid Source: ~ Grange Rd KINS (1)	06.03.08	MMK5374	<1.1	<1.1	0.60
		11.03.08	MMK5398	<1.1	<1.1	2.00
		17.03.08	MMK5417	<1.1	<1.1	0.40
		26.03.08	MMK5425	<1.1	<1.1	1.00
KIN003KI	Kincaid Rural: Hapuku School KINR (1)	06.03.08	MMK5375	<1.1	<1.1	1.10
TPO1000	Peketa Village: ~ Rakanui Rd PEKS (1)	06.03.08	MMK5376	<1.1	<1.1	N/A

		11.03.08	MMK5399	<1.1	<1.1	N/A
		17.03.08	MMK5418	<1.1	<1.1	N/A
		26.03.08	MMK5426	<1.1	<1.1	N/A
TP01002	Fernleigh Source: ~ Kahutara FERNS (1)	06.03.08	MMK5377	<1.1	<1.1	0.10
OAR001OA	Oaro-Reticulation: T. Smith OARR (2)	06.03.08	MMK5381	<1.1	<1.1	N/A
FER003FE	Fernleigh Reticulation: R. Jones FERNR (2)	06.03.08	MMK5378	<1.1	<1.1	0.00
	East Coast System: Clarence (Monthly)	06.03.08	MMK5382	<1.1	<1.1	N/A
Winz Code	Sample Site and Code	Sample Date	Reference Number	Total Coliforms	E.coli	Turbidity
TPO0998	Oaro Source: New Bore OARNS(1)	06.03.08	MMK5379	<1.1	<1.1	1.01
		11.03.08	MMK5400	<1.1	<1.1	0.77
		17.03.08	MMK5419	<1.1	<1.1	0.54
		26.03.08	MMK5427	<1.1	<1.1	0.68
TOTAL SAMPLES, % COMPLIANCE						
Please refer to the weekly report for the retests of non-compliance samples.						
<u>Definitions</u>						
Total Coliforms: The bacteria used as indicators that organic, possibly faecal contamination of the water may have occurred.						
E.coli: The bacteria used to indicate that faecal contamination has probably occurred and that the water needs to be treated given the likelihood that pathogens are present.						

WEEKLY DRINKING WATER SAMPLES ANALYSES
KAIKOURA DISTRICT COUNCIL

Sample Date: 17 March 2008

Method: ReadyCult

Weather Condition:

Drizzle

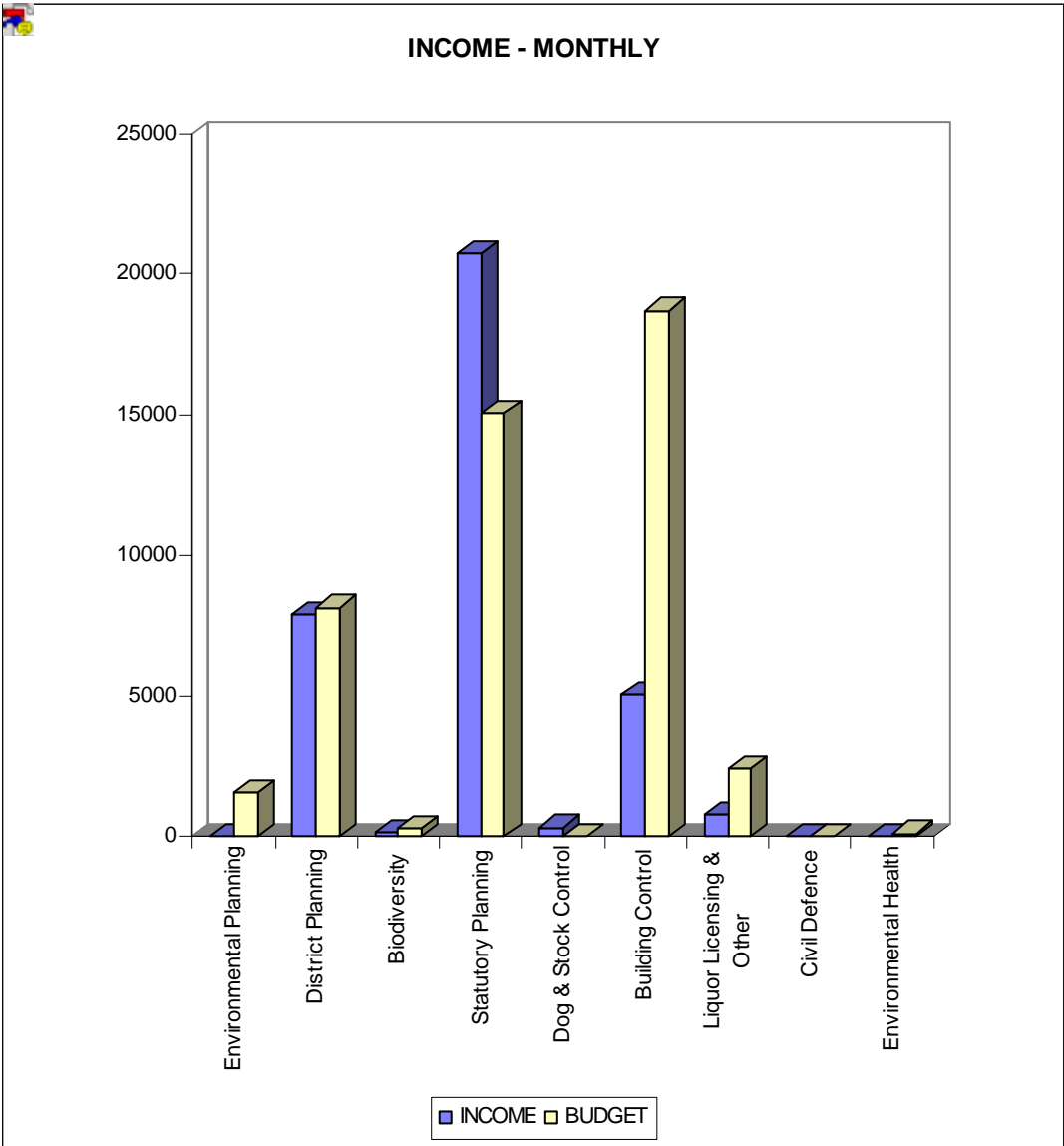
Lab Ref No:	WINZ Code	Sample Point	Tests	Results	Units
MMK5413	TP00217	Kaikoura Township Source	E. coli	<1.1	100mL
			FAC	0.45	mg/L
			Total Coliforms	<1.1	100mL
MMK5414		New Mackle Bore	E. coli	<1.1	100mL
			FAC	0.18	mg/L
			Total Coliforms	<1.1	100mL
MMK5415	KAI004KU	Kaikoura Reticulation	E. coli	<1.1	100mL
			FAC	0.05	mg/L
			Total Coliforms	<1.1	100mL
MMK5416	KAI004SB	South Bay, Kaikoura	E. coli	<1.1	100mL
			FAC	0.00	mg/L
			Total Coliforms	<1.1	100mL
MMK5417	TP01001	Kincaid Rural Water Supply	E. coli	<1.1	100mL
			FAC	0.40	mg/L
			Total Coliforms	<1.1	100mL
MMK5418	TP01000	Peketa (UV Treated)	E. coli	<1.1	100mL
			Total Coliforms	<1.1	100mL
MMK5419	TP00998	Oaro Source	E. coli	<1.1	100mL
			Total Coliforms	<1.1	100mL
			Turbidity	0.54	NTU

"The microbiological methods used were in accordance with registered methods which are available upon request. Results apply only to samples as received. This report may not be reproduced except in full".



District Environmental Health Officer

Environmental Services Budget Report



EXPENDITURE - MONTHLY

