

Geoff Skene
Manager, Environment Co-ordination

Environment Co-ordination Department Report – September 2003

1. Ecosystems and Biodiversity (Tim Porteous)

As Councillors will be aware from recent reports to the Committee, the Government has two funds available to help private landowners look after bush, wetland, and coastal sites on their land. The 2003-04 fund is now open for applications and we will be making applications to these funds.

We are in the process of signing an agreement with the Department of Conservation so that we can use the funding given to us in the 2002-03 round.

2. *Take Action* (Eleanor Phillips; Susan Hutchinson-Daniel; Richard Morgan; Jo Fagan; Fionna Chester)

The third term's schools have commenced Take Action. They are St Patricks (Paraparaumu), Makara, and St Josephs (Upper Hutt). The students are approaching their task with great enthusiasm. At St Patricks, students are redesigning the car park so that there is better drainage of surface water. Others are engaged in recycling and promotional projects.

See the Environmental Education Annual Report in this Order Paper for a description of Take Action for 2002-03.

3. *Take Care Applications* (Nigel Clarke)

Applications to the Take Care fund for community groups will be called for in the next two weeks. We have funding available to support five new groups, but it may be possible to assist more groups, depending on the degree of help that applicants request. Take 10 commits us to supporting five new groups per year. Some of our existing groups, however, have completed their projects and will cease to be funded by Greater Wellington this year.

A report on care group activities over the past year can be found elsewhere in this Order Paper.

4. Kaiwharawhara Stream (John Holmes)

The Kaiwharawhara Stream is listed in Take 10 as one of the six most needy water bodies in the Region. Work has been occurring on the stream for the last three years and a considerable amount has been achieved. With the additional funding provided for this stream over the next four years, we are in a position to make considerable progress.

One of the criteria used for choosing the six water bodies was the potential for a successful outcome and, in particular, the degree of involvement of other parties, and the community. We have recently met with the Wellington City Council and explained our greater interest in the Kaiwharawhara and desire to make real progress there. We were greatly enthused by that Council's willingness to continue its work on the stream and its relationship with Greater Wellington. We are working on a management structure and work programme to undertake this work jointly.

Name Nicola Shorten
Designation Manager, Resource Policy

Resource Policy Department Report – September 2003

1. Maintaining Regional Policies and Plans

1.1 Regional Plans (Murray McLea)

Changes to four of the Regional Plans have been approved by the Council and have been made operative. There are three outstanding references on the changes to the Regional Freshwater Plan. A second meeting was held with Transit to discuss their two references, and there is a mediation meeting on 25 August to address Mr Barton's reference.

1.2 Regional Coastal Plan/Coastal Matters (Stephen Karaitiana, Nicola Shorten)

The draft changes to the Regional Coastal Plan that relate to noise in the port area (to be consistent with upcoming changes in the Wellington City Council District Plan) are likely to be delayed. This is because the City Council would like to resolve some issues with their inner city noise changes first.

The discussion document for aquaculture has been approved for consultation by the Council and is currently being printed. The Government proposals for consultation on the foreshore and seabed have meant further uncertainty for the proposed aquaculture legislation. The government has stated that it is not in a position to be able to announce a timeframe for this legislation.

Consultation on Oceans Policy has also been deferred, from October to early next year, as a result of the Governments proposals for consultation on the foreshore and seabed. The Oceans Policy Secretariat is unable to confirm a timetable for this work at this time.

2. Regional Plan Implementation

2.1 Wetland Action Plan (Melanie Dixon)

A 'Beginners guide to restoring wetlands' booklet has been distributed and the information also placed on the Greater Wellington website.

Biosecurity staff are continuing the fieldwork for the wetland database, gathering information on wetland extent and condition.

2.2 Freshwater Ecosystems (Murray McLea and Kirsten Forsyth)

Freshwater ecosystems work is the subject of a separate report to the Committee.

2.3 Other

Statutory resource management work is the subject of a separate report to the Committee.

3. Iwi matters

Ara Tahi last met on 11 June, and their next meeting is scheduled for 3 September.

An iwi technical workshop was held on July 16 on the topic of oil spill planning and response.

Another iwi technical workshop was held on 27 August on aquaculture. This included a presentation from the Ministry for the Environment about the proposed aquaculture legislation, and a presentation from Greater Wellington staff about the discussion document.

A training session for Councillors was held on 13 August 13. Dean Cowie from the Office of Treaty Settlements gave a presentation on the settlement process.

John Sherriff
Manager, Resource Investigations

Resource Investigations Department Report September 2003

1. Resource Information

1.1 Flood warning

The Resource Investigations Department provides a flood warning and monitoring service for the western part of the Wellington Region. Rainfall and river level recorders around the Region automatically relay information to the Regional Council Centre. When specified rainfall intensities or river levels are reached the system automatically alerts staff who implement response procedures.

Since the last meeting of the Committee the following rainfall and water level alarms were received and responded to:

16 July 2003	<i>Rainfall</i> : Warwicks, Oriwa, Taungata <i>Water Level</i> : Otaki
17 July 2003	<i>Rainfall</i> : Orongorongo Swamp <i>Water Level</i> : Otaki

2. Resource Analysis

2.1 Groundwater levels

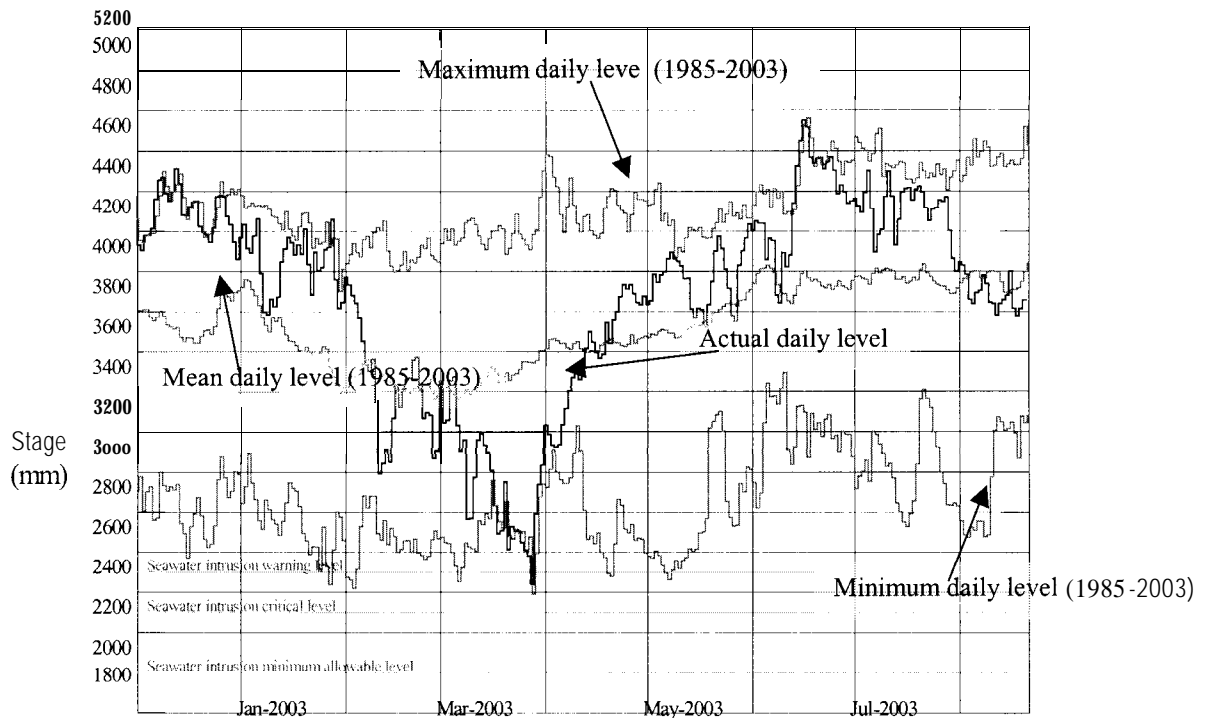
The Department monitors groundwater levels at 46 sites around the western Region. We use two of these bores, McEwan Park at Petone and Hautere Plain on the Kapiti Coast as general indicators of the state of groundwater resources in these areas.

The following graphs present a comparison between water levels recorded this year and historical summary data for the McEwan Park and Hautere Plains sites.

Lower Hutt groundwater zone – Upper Waiwhetu artesian aquifer

From April to July artesian pressure at our McEwan Park monitoring bore recovered to above average levels after low levels in late March. Low river

levels and heavy abstraction caused the March pressure drop. Below average flow in the Hutt River during July and August has seen the artesian pressure drop to the long-term average level.



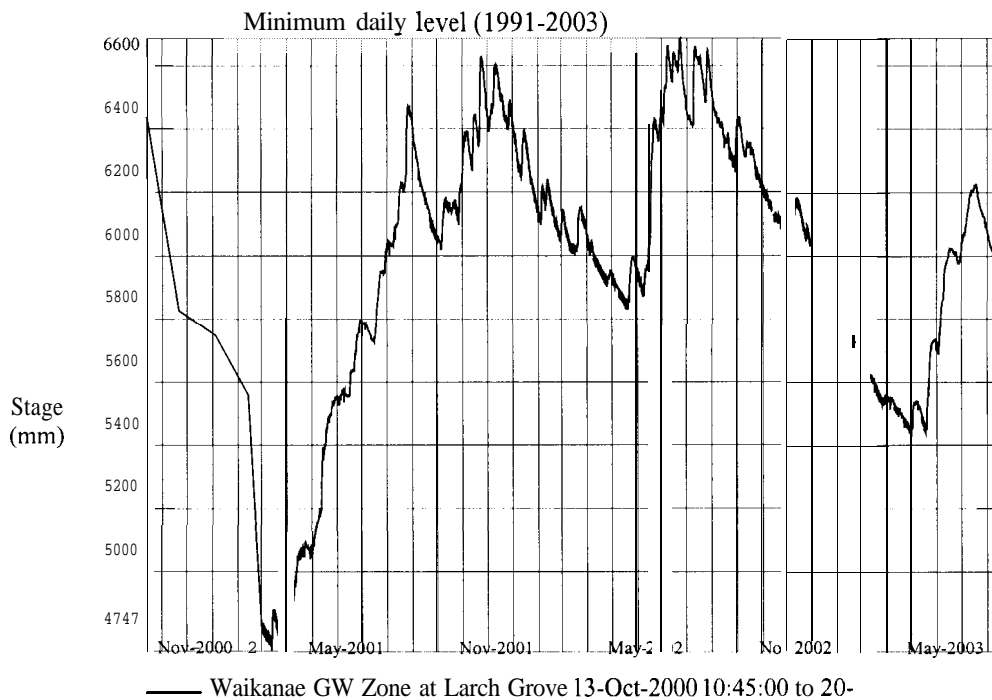
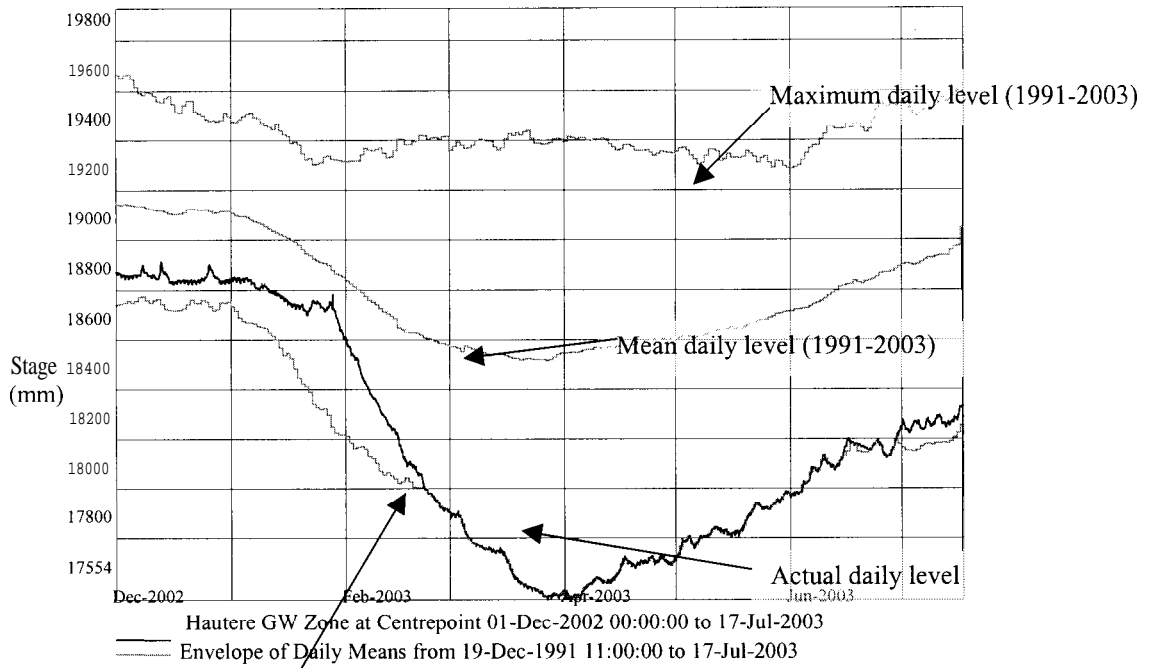
Lower Hutt GW Zone at McEwan Park 01-Dec-2002 14:00:00 to 21-Aug-2003 09: 15:00 - 1 Day

- - - Envelope of Daily Means from 1-Jan-1985 00:00:00 to 21-Aug-2003

Kapiti Coast

In October 2002 the groundwater level at our, 128m deep, Centrepont monitoring site on the Hautere Plain dropped to below average levels in response to low rainfall. The rate of decline in water level at this site accelerated in early February and from mid February until early July the groundwater has been at record low levels. Despite below average rainfall on the Kapiti Coast during July and August the rate of recovery is similar to previous years, although the level is currently about 0.6m below the long-term average.

Shallow groundwater has responded to the below average rainfall with a reduction in groundwater level from mid July. This reduction can be seen in the water level record for our Larch Grove monitoring site located in Paraparaumu. The water level at this site is still approximately half a metre above the lowest point reached during last summer.

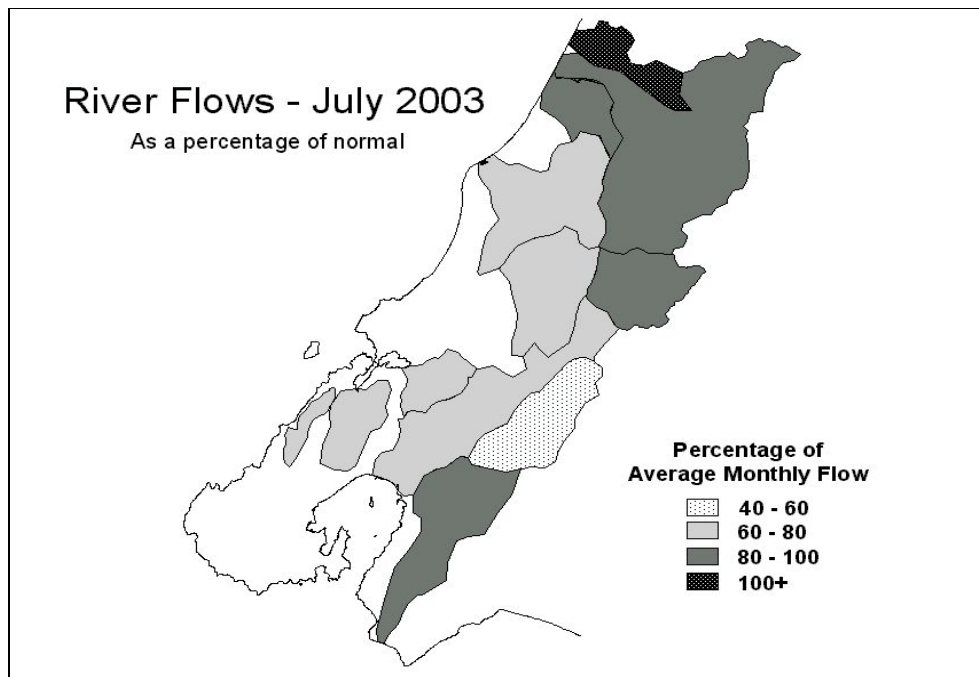


River recharged aquifers were at below average levels during March, April and May and subsequently recovered to average levels with the onset of winter. Below average rainfall during July and August has seen groundwater levels fall to below average values.

2.2 Rainfall and river flows

After a wet June, with rainfall being above average in most parts of the Western Wellington Region, July was relatively dry in comparison. Rainfall for the month was well below average in many parts of the western Region, including Waikanae, Wellington, Pakuratahi and the Western Tararuas. In these places only about 50 to 60% of the average rainfall for July was received. The Akatarawas, Mangaroa and Wainuiomata also had less than normal rainfall for July; in fact the only place where slightly above average rainfall was recorded was Otaki.

River flows also tended to be below normal during July, as shown in the figure below. Despite a few minor rainfall events, the monthly flow for the Mangaroa River was only about 60% of normal for July. The Hutt River, Akatarawa River, Porirua Stream, Pauatahanui Stream and Waikanae River all had significantly lower than average mean flows for the month. This was due to the low total rainfall for the month and the lack of heavy rainfall events, resulting in no significant peak flows.



The Waitohu Stream was the only monitored waterway in the western Region where the average monthly flow exceeded normal for July – although only just. This was mainly due to one minor storm event on 16 July.

August to date has similarly had well below average rainfall and river flows in most parts of the western Region. In particular, total rainfall to date has been significantly below average on the Kapiti Coast and in the Western Tararuas. As a result the Waikanae River and Waitohu Streams are experiencing unusually low flows for this time of year (although not yet reaching the

minimum flows specified in the Regional Freshwater Plan). This situation is likely to change with rain forecast for the end of August.

2.3 Air quality monitoring

2.3.1 Ambient air quality monitoring

We currently monitor ambient air quality at three sites in Lower Hutt (Birch Street Reserve), Upper Hutt (Trentham Fire Station) and Masterton (Wairarapa College). We also monitor carbon monoxide emissions at Te Aro.

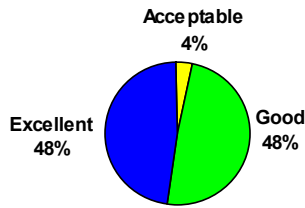
The graphs below represent air quality at the location indicated when the monitoring results are compared to ambient air quality guidelines. The assessment categories are as follows:

Category	Maximum Measured Value	Comment
Action	Exceeds Guideline	Completely unacceptable by national and international standards.
Alert	Between 66% and 100% of the guideline	A warning level which can lead to guidelines being exceeded if trends are not curbed.
Acceptable	Between 33% and 66% of the guideline	A broad category, where maximum values might be of concern in some sensitive locations, but are generally at a level that does not warrant dramatic action.
Good	Between 10% and 33% of the guideline	Peak measurements in this range are unlikely to affect air quality.
Excellent	Less than 10% of the guideline	Of little concern.

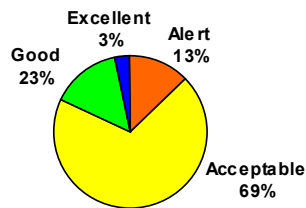
Councillors will be aware that our *Take 10 - Quality of Life* target for air quality is that there will be no recorded instances when air pollution reaches the "alert" level of the national air quality guidelines.

Results for the past six weeks at Upper Hutt

8-Hour Average CO at Upper Hutt



24-Hour Average NO₂ at Upper Hutt

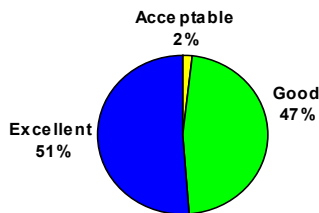


24-Hour Average PM₁₀ at Upper Hutt

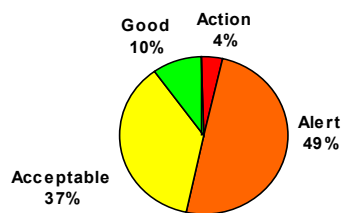


Results for the past six weeks at Lower Hutt

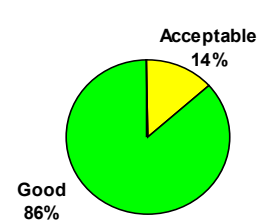
8-Hour Average CO at Lower Hutt



24-Hour Average NO₂ at Lower Hutt

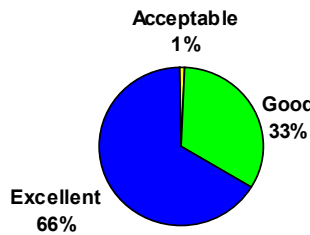


24-Hour Average PM₁₀ at Lower Hutt

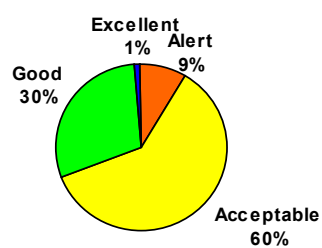


Results for the past six weeks at Masterton

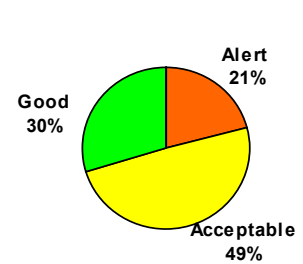
8-Hour Average CO at Masterton



24-Hour Average NO₂ at Masterton

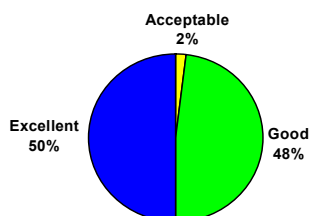


24-Hour Average PM₁₀ at Masterton



Results for the past six weeks at Te Aro

8-Hour Average CO at Te Aro



2.3.2 Presentation to the Masterton District Council

On 12 August Perry Davy, our Air Quality Scientist, was invited to speak to the Masterton District Council about air quality issues. Perry explained the monitoring we have been doing at our Wairarapa College site, outlined the results of monitoring done so far, and the likely implications, for both Greater Wellington and Masterton District Council, of the impending national standards for air quality.

Perry's presentation was well received and triggered an enthusiastic discussion.

2.4 Stormwater

Staff are about to commence a round of visits to territorial authorities throughout the Region to take stock of where each of them is at with regard to stormwater management and to discuss the process for developing a regional stormwater strategy.

An attempt was made to sample stormwater at Gracefield, however, because the rainfall event did not develop as much as anticipated the sampling had to be abandoned.

3. Pollution control

3.1 Pollution and non-compliance complaints

A summary of pollution complaints, our performance in responding to them and enforcement action taken is reported separately.

4. Staff

Rita O'Brien will be moving from the Consents Management Department to our Pollution Control Team during September. Rita's experience and skills will enhance our capabilities in providing pollution response and implementing *Take Charge* our pollution prevention programme.

Luci Ryan
Manager, Consents Management

Consents Management Department Report - September 2003

1. Consent statistics

In the period to 31 July 2003 we received 29 consents. This compares with 27 consents received for the same period last year.

All consents processed this year have been completed within statutory time frames.

A summary of the notified consents we are currently processing is attached.

2. Appeals

The only outstanding appeals we have relate to the Haywards Hill Roading project.

The appeals against the State Highway 2 upgrade have been resolved and we are waiting for a consent order from the court.

CentrePort has appealed some of the conditions of the consents to dredge the harbour entrance. The issues raised are being resolved through negotiation.

3. Compliance

3.1 General

July has been spent preparing the remaining compliance reports for the consent holders. The officers have also been working on completing the annual compliance summary report, which is attached as a separate document.

3.2 Abatement notices

We have not issued any abatement notices since the last Committee meeting.

3.3 Infringement notices

We have issued one infringement notice since the last Committee meeting. This was issued to Nuplex Environmental Limited, Port Road, Seaview for a discharge of offensive and objectionable odour that occurred on 26 April 2003. The infringement notice has been issued for a sum of \$1000.

3.4 Prosecution and enforcement orders

The Anglian Water prosecution went well, with Anglian pleading guilty. The judge indicated that the donation made by Anglian for an environmental enhancement project was greater than he would have imposed as a fine. We were also successful in covering a significant proportion of our legal costs from Anglian.

4. Other

Romae Duns resigned on 15 August 2003, to take up a position with Opus. She is currently on annual leave and will not be returning to the Council.

Rita O'Brien has also resigned to take up a position in Pollution Control. Her start date has yet to be confirmed.

Applicant	Proposal	Date Consent Lodged	Date Submissions Closed	Number of Submissions Received	Pre-hearing Held	Hearing Held	Hearing Committee Members	Date Decision Released	Granted or Declined
Transit ¹	Consents associated with the construction of an interchange at the intersection of State Highway 2 and 58.	07/11/00	19/01/01	99	N/A	27/06/01 – 16/07/01 Reconvened on 01/08/01- 02/08/01 and 27/08/01	Helen Tobin, Russell Howie and Richard Fowler	12/10/01	Granted – under appeal
Transit ¹	Consents associated with the realignment of State Highway 58.	07/11/00	19/01/01	99		27/06/01 – 16/07/01 Reconvened on 01/08/01- 02/08/01 and 27/08/01	Helen Tobin, Russell Howie and Richard Fowler	12/10/01	Granted – under appeal
Wellington City Council	Change of consent monitoring conditions for the Moa Point Pump Station.	02/11/00	08/12/00	2		On hold for further information in relation to monitoring requirements			
Transit ²	Upgrade of State Highway 2 from Dowse Drive to Petone.	30/03/01	29/05/01	100+		1/10/01 – 9/10/01	Helen Tobin, Richard Fowler, Barry Butcher		Granted – three appeals received. Consent Orders about to be signed.
CentrePort	To dredge inner Harbour berths and dispose of the dredged material.	24/10/02	6/05/03	9		11/07/03 and 12/07/03	Christine Foster, Ian Stewart, Jack Rikihana	14/08/03	All dredging consents granted with conditions. Deposition of material dredged from Thorndon Container Quays and Aotea Quay has been declined.

Applicant	Proposal	Date Consent Lodged	Date Submissions Closed	Number of Submissions Received	Pre-hearing Held	Hearing Held	Hearing Committee Members	Date Decision Released	Granted or Declined
CentrePort	To dredge the harbour entrance and dispose of the dredged material	24/10/02	20/05/03	13		25/06/03-27/06/03 and 18/07/03	Christine Foster, Ian Stewart, Jack Rikihana	04/07/03	Granted with Conditions – currently under appeal
Hutt City Council	Renewal of wet weather discharge of Waiwhetu Stream.	19/12/02	19/02/03	16 & 2 late	5/03/03	24/06/03 ³	Ian Buchanan, Ian Stewart	14/07/03	Granted – no appeals received
Hutt City Council	Discharge macerated sewage to Eastern Bays	19/12/02	19/02/03	16 & 2 late	5/03/03	24/06/03 ³	Ian Buchanan, Ian Stewart	decision expected 22/08/03	
Hutt City Council	Temporary discharge of secondary treated effluent to Waiwhetu Stream while Main Sewer Outfall is being inspected.	19/12/02	19/02/03	16 & 2 late	5/03/03	24/06/03 ³	Ian Buchanan, Ian Stewart	14/07/03	Granted – no appeals received
Hutt City Council	Temporary discharge of secondary treated effluent of up to 15 points along the Eastern Bay to enable Main Sewer Outfall to be inspected.	19/12/02	19/02/03	16 & 2 late	5/03/03	24/06/03 ³	Ian Buchanan, Ian Stewart	decision expected 22/08/03	
Lyll Bay Charitable Reef Trust	Consents associated with the construction of a artificial surf reef in Lyall Bay.	16/04/03	03/06/03	55		23/07/03 to 24/07/03	Ian Stewart Alistair Aburn Aka Arthur		
Whitby Coastal Estates	Discharges associated with bulk earthworks, Duck Creek	16/09/02	09/05/03	20		hearing set for 09/09/03 to 10/09/03	to be confirmed		
Greater Wellington Regional Council – Flood Protection	River protection works on Hutt River, Belmont	27/05/03	08/07/03	2		to be presented at environment committee			

- 1 These applications will be heard jointly with Hutt City Council, Porirua City Council and Upper Hutt City Council
- 2 These applications will be heard jointly with Hutt City Council
- 3 All submitters had withdrawn right to be heard, but meeting held to determine and recommend decision

Mike Pryce
Manager, Harbours

Harbours Report - September 2003

1. Harbour navigation aids

All navigation aids operated satisfactory.

2. Oil pollution response

Five reports of oil spills were investigated; none required any clean up action.

The damaged fishing vessel *San Domenico* was towed from Aotea Quay to Shelly Bay on 5 August and was successfully winched up the slipway on the 6th August. Oil spill precautions were taken during the move across the harbour, and floating harbour booms were placed around the vessel when it was slipped and various liquids drained from the cracked and shattered hull. Oil trapped inside the harbour boom was removed by sump-sucker on three occasions. When all threat of oil pollution had ended, the boom was removed and recovered on 14 August. This also provided some useful local training for staff. It is likely that the fishing vessel will be stripped of useful equipment and broken up on the slipway.

Four GW staff (including our Maori Policy Advisor) attended the MSA's "Fundamentals in Marine Oil Spill Response" training course in Auckland.

3. Development of a National Port and Harbour Safety System

This review commenced on 27 August 2003 with the first meeting of the Advisory Committee, of which Manager Harbours is a member representing the Harbour Masters/Harbour Managers Special Interest Group.

Four working groups are to be formed to develop guidelines of good practice, standards for Hydrographic Surveys inside harbour limits, standards for the management of aids to navigation and risk analysis in ports and harbours.

The purpose of the Advisory Committee is to facilitate endorsement of MSA's proposed strategy, review all outputs from the working groups, provide organisational perspectives on the development and implementation of the safety system, and facilitate endorsement of documentation for submission to the formal consultation process and to the MSA Board.

4. Events

On the afternoon of 21 August there was a dramatic incident during a southerly storm when the 26,000 tonnes-deadweight bulk carrier *Sea Harvest* developed steering problems shortly after a CentrePort harbour pilot, Captain Steve Banks, had boarded the ship to enter the harbour entrance. The ship initially came perilously close to rocks on the Pencarrow side of the harbour before pilot and ship's master used the engines astern and emergency steering to extricate the ship from near the shore. After moving across to the western side of the harbour entrance, the ship was able to turn to seaward and steam clear of the harbour into Cook Strait. Eventually full repairs were made to the steering controls and the ship safely entered port next morning after a wild night in Cook Strait. Full precautionary measures, including the stand-by of tugs and alerting of various response services, were taken.

On the same afternoon as this was taking place, Harbour Rangers Grant Nalder and Greg Meikle were busy rescuing a 6-metre yacht ashore at Lowry Bay. With the help of locals, they successfully refloated the yacht and secured it to a swing mooring further out in the bay.

The Lynx (Incat 057) fast ferry sailed from Wellington on the afternoon of 14 July 2003 for Hobart.

Its replacement, *Incat 046*, arrived at Wellington on 25 July from Hobart and commenced commercial service on 4 August. It is seven metres shorter than the previous fast ferry and does not carry freight trucks, just passengers and cars.

Rian van Schalkwyk
Manager, Emergency Management

Emergency Management Department Report – September 2003

1. Civil Defence Emergency Management Group

At the CDEM Group meeting of 14 August, all the councils in the Region have adopted and signed the CDEM Group's Terms of Reference. The Group has also established the Civil Defence Emergency Management Co-ordinating Executive Group (CEG). The first meeting of the CEG was scheduled to take place on 28 August.

Progress reports were tabled regarding the CDEM Group Plan and the Group Work Programmes (projects). A short summary of progress with current projects is provided below:

1.1 Emergency Water Supply

The issues and possible solutions associated with post-earthquake water supply to the metropolitan areas have been identified.

The project has now moved into an implementation phase and requires input from all Council asset managers and emergency managers. A Communications Group formed from the Wellington Metropolitan Emergency Water Supply Planning Group met in June and has agreed on strategies. They are:

- To investigate the feasibility of providing plastic containers to the public.
- To identify and work through technical and regulatory issues associated with encouraging the installation of storage tanks in houses and apartments.
- To prepare a summary of commercially available storage tanks.
- To review existing post-event communications messages.

1.2. Road Access Restoration Plan

A draft point-by-point work programme to feed into an integrated strategy is listed below. The points/actions indicate that more work needs to be done to increase emergency response capability. They fall across the 4Rs of *reduction, readiness, response and recovery*.

Reduction

- Identify and focus mitigation programmes following seismic screening of bridges, culverts and retaining walls along key roads.
- Incorporate seismic considerations with asset improvement / renewal programmes.
- Address location of Bailey Bridges stock as a contingent capability.

Readiness

- Each city/district within the Region is to make adequate provision for emergency fuel following the event of a major earthquake.
- Identify key segments along the Region's roads that are required for immediate emergency response activities.
- Prepare competent restoration arrangements or establish resilient alternate routes.
- Identify key supply items required from outside the Region and make arrangements for delivery within a realistic timeframe.
- Develop means of combining key intra and inter city/district road reconnaissance and pass information to the Wellington Region Lifelines Information Centre (part of the Civil Defence Emergency Management Group's emergency operations centre).
- Clarify hierarchy of demands on road plant in each city/district and set up procedure to manage acute interdependencies and prioritisation.
- Develop an integrated post-event communications plan across the local authorities and linking road access with emergency management.

Response

- Establish hierarchy of key access sites and routes.
- Assess available resources and repair where necessary.

- Develop contingency plans to mobilise additional and alternative resources.
- Develop pre-event arrangements to focus specialised local equipment on meeting key route needs to adjacent cities/districts.
- Clarify principle of external contractors clearing into Wellington region with plant within the region committed internally.

Recovery

- Prepare strategy for management of mutual aid to maintain activities over long period.

Transportation is a big factor in emergency management and, therefore, should be incorporated in any associated planning processes or documents. At the meeting of the Regional Land Transport Committee on 21 August, it was decided that the findings of the Regional Emergency Road Access Project would be incorporated in the Regional Land Transport Strategy Review process.

1.3 Regional Reconnaissance Plan

Emergency responders and lifeline utilities have provided information about their most critical facilities in the region that will need to be operational immediately following a major emergency. Communication has been made with a range of regional utilities, health providers, lifelines groups and emergency service agencies seeking the identification of specific significant sites and any existing plans. To date approximately two thirds have responded.

Further work is now necessary on building regional reconnaissance planning from city/district level, linkages with search and rescue, linkages with roading plans and the movement of key personnel and key agencies.

1.4 Emergency Communications

A project brief has been developed for a communications consultant to reassess the current alternative systems, and make possible system enhancements, that would make an operational system for the CDEM Group.

Greater Wellington has allocated funding within its 2004/2005 and 2005/2006 budgets for implementation of a recommended system. Proposals have been received for the emergency communications system project. These proposals were evaluated on 28 July 2003, a consultant was appointed on 1 August 2003 and the contract was finalised on 8 August 2003. The consultant will provide a progress report on 15 September 2003, and the final report will be received by GWRC on 30 November 2003.

Following approval by the CDEM Group regarding the recommendations from this report, implementation will commence during the 2004/5 financial year.

1.5 Commuter Management

To ensure that plans are in place to look after commuters and return them home following an emergency, especially where access between our cities and districts is restricted. Later movements of commuters for work access will be part of the recovery management planning.

Emergency managers and transport operators e.g. bus companies: Stagecoach, City Line, Mana, and Newlands, Tranzrail and the ferry operators across over the Region took part in this workshop.

The objective was to develop a plan to facilitate the return of Wellington Region commuters to their homes after a major disaster event. Key issues that were addressed include communications, commuter education, activation, staging points and the content of the plan. The workshop turned out to be very successful and follow-up work is planned.

1.6 External Logistics Supply

A project plan has been put together, organisations that need to be involved are now contacted and from September 2003, several tasks are planned to obtain the desired outcomes. The tasks include verifying external resources and personnel supply lists with regional emergency services, verifying impact damage with transportation owners, developing worst case external supply strategy and verifying external supply chain and movement control needs. The latter will include linkages with other CDEMG's, Defence Force, local, national, and international agencies.

1.7 Urban Search and Rescue capability enhancement

In the process of developing a comprehensive regional search and rescue strategy incorporating recommended actions across readiness and response. Also in the process of raising the capability significantly of local resources and arrangements and working towards integrating local and regional response levels with local and external teams and integrating national management where required.

1.8 CDEM Group Public Education Strategy

Aim is to develop a CDEM Group public education strategy in line with the National Public Education Strategy. This project is underway and there is no specific progress to report.

1.9 Emergency Fuel Supply

A framework for regional emergency fuel supply arrangements was put into place in March 2003. The framework covers vehicle fuel, aviation fuel, sources, extraction, petroleum companies fuel tankers, conservation of fuel, fuel safety, fuel stocks and distribution methods.

Further work is in progress covering contractors, emergency services, councils' capabilities and responsibilities and linking with the roading access strategy.

1.10 CDEM Group Response Capability Development

Aim is to review the functioning of the Emergency Operations Centres of the CDEM Group with particular regard to the hazardscape of the region.

1.11 Hazard Analysis and Management

Work currently being undertaken by Greater Wellington includes the identification of the Kapiti Earthquake fault and community hazard information. Some work was also done regarding flood event management, hazard identification and emergency response.

1.12 Medical Logistics

Supply lists have been prepared, the Ministry of Health has restarted national co-ordination, the District Health Boards in Wellington and Auckland are in liaison and a policy to support the injured within the region is in the process of being prepared. Further work is required regarding staff support and medical emergency communications with the Ministry of Health and to organisations external to the Wellington region.

2. Other activities

2.1 External relationships

- Member of the Regional Emergency Services Management Liaison Group.

This Group was formed by Police Commander John Kelly and comprises the Regional Fire Commander, three senior police superintendents, a senior health representative and Greater Wellington's Manager, Emergency Management. This group meets every couple of months to discuss related issues and to exercise (tabletop) certain scenarios. A very good relationship between these agencies is being built.

- Member of the planning group preparing for the "Quake Safe" weekend that will take place at Te Papa over the labour weekend (25-27 October).

The theme will be earthquake preparedness and we'll use this event to progress our message of storing more emergency water.

- Attended meetings with consultants regarding emergency communications and emergency water treatment.
- A workshop was held on 29 July to address the commuter management project.

2.2 Regional meetings

Several meetings have taken place since the last Committee meeting to discuss progress of the CDEMG, progress of the work programme and proposed projects flowing from Exercise Phoenix, public education, training and emergency management systems and communications. These meetings included Emergency Management Officers Group, Emergency Services Co-ordinating Committee (Porirua, Wellington, Kapiti Coast, Wairarapa), Wellington Engineering Lifelines Group, CDEMG Working Party, Emergency Water Supply Project Group (Communications), New Zealand Hazards Cluster meeting, Central Region Emergency Care Co-ordination Group, and the Ministry of Civil Defence Emergency Management.

2.3 Exercises

A major exercise took place in Wellington on Friday 22 August 2003.

The Wellington City Emergency Management Office (WEMO), emergency services, lifeline utility agencies, health organisations and the Greater Wellington Regional Council took part in this Bali-type terrorist bomb exercise.

The scenario was a 2,000kg bomb that has exploded during morning rush hour in Courtney Place, just outside the Reading Cinemas. Apart from the fact that it was a crime scene, (Police was the lead agency), many fires broke out, utility services were severed and disrupted, hundreds of people were killed, injured or entrapped. The blast damaged buildings as far as 860 metres away and it left a crater of 60metres diameter. The Co-ordinated Incident Management System was used to manage the event. Our main role was co-ordination of the various agencies involved, information management, co-ordination of critical external supplies (mainly medical and search and rescue). Commuter management also played a vital role.

3. Environment

3.1 Earthquake reports

Since the last Environment Committee meeting, 30 reports for earthquakes bigger than 3 on the Richter Scale were received from IGNS. Of these, only the following earthquakes were felt in the Wellington Region:

2003 Aug 23 Mag: 3.8, Depth: 30km, Location: 20km south-east of Wellington

2003 Aug 10 Mag: 3.6, Depth: 1km, Location: 20km north-west of Otaki

2003 Aug 08 Mag: 3.7, Depth: 5km, Location: 30km west of Paraparaumu

2003 Aug 02 Mag: 3.9, Depth: 12km, Location: 20km north-west of Otaki

2003 Aug 02 Mag: 4.6, Depth: 30km, Location: 10km south of Levin

A magnitude 7.1 earthquake (only 12km deep) occurred in Southland (70km north-west of Te Anau) on 22 August. This quake was followed with several after shocks measuring 6.2, 5.1, 5.5 and 4.9 on the Richter scale.

3.2 Special Weather Bulletins

Seven Special Weather Bulletins (four for heavy rain and three for strong wind) were received since the last Committee meeting. All the relevant agencies were notified. No incidents were experienced from these warnings.

3.3 Communications

Weekly tests of the communications network are still being carried out. The system is functioning well and no problems have been experienced.

Richard Waddy
Divisional Accountant

Financial Position: 30 June 2003

1. Operating Results

We are pleased to report the interim operating results for the year ended 30th June 2003. These numbers are provisional and subject to audit confirmation.

<u>Environment Division</u>			
<u>Summary Income Statement</u>			
<u>For the Year Ended 30 June 2003</u>			
	Full Year		
	<u>Actual</u>	<u>Budget</u>	<u>Variance</u>
	<u>\$000s</u>	<u>\$000s</u>	<u>\$000s</u>
Rates	7,085.4	7,085.4	--
Other Revenue	1,908.0	1,850.8	57.2 F
Total Revenue	8,993.4	8,936.2	57.2 F
Less:			
Direct Expenditure	7,882.9	8,064.5	181.6 F
Indirect Expenditure	980.0	1,006.1	26.1 F
Total Operating Expenditure	8,862.9	9,070.6	207.7 F
Operating Surplus (Deficit)	130.5	(134.4)	264.9 F

2. Surplus

We are pleased to report that at the close of the year the Division's finances are in good health. For the year an operating surplus of \$131,000 was posted. Our budget provided for an operating deficit of \$134,000.

The result translates to a net favourable variance \$265,000, comprising reduced revenue of \$57,000, and reduced expenditure \$208,000.

3. Revenue

Total Revenue at \$8,993,000 is \$57,000 above our budget target of \$8,936,000. Our revenue line has been buoyed with an increase in applications for resource consents in the latter months of the year.

With the completion of some significant notified resource consents in the last quarter of the year, the shortfall of previous months was eliminated. For example, we have completed the following consent applications:

- Aotea block development (\$18,000);
- the Hutt Wastewater Treatment Project (\$14,000); and
- a variation to KCDC's consent to take water from the Waikanae River for municipal supply (\$8,000).

The new annual resource management charging system has been implemented successfully. In total, annual charges raised \$235,000 (compared to last year - \$225,000).

The revenue line also includes the transfer of wetland recovery programme (\$25,000) from the Wairarapa Division and the sale of a motor vehicle (\$6,000) to another Division. These items are in addition to our budgets.

4. Total Expenditure

The Division's total expenditure, which trailed our budgets all year, came in at \$8,863,000. This represents an underspend of \$208,000 or 2.3 % on a budget of \$9,071,000.

The main reasons for this variance are:

- Personnel costs were slightly over budget by \$17,000. Recruitment costs incurred in the last quarter of the year is the main cause of the over-spend.
- Material costs were under budget by \$83,000.

The planting season meant that the spend on RPS and Care group projects (e.g. Pauatahanui Inlet, riparian work, etc) increased significantly. However, there remains a gap between our anticipated and actual spend. Some of the unspent RPS and Care group budget has been carried over, in the form of a reserve (\$21,000).

In addition, the repair and painting of the Front Lead Light was approximately 50% incomplete at year-end. All subsequent work, after that date, will be funded from the 2003/04 budget.

- External Contractors and Consultants were \$261,000 under budget for the period.

The shortfall is mainly with the unwanted agricultural chemical collection (\$59,000), the stormwater investigation work (\$22,000) and contaminated sites work (\$29,000).

The unwanted agricultural chemical project has been completed and a saving of approximately \$60,000 made. The purchase of a mobile hazardous waste disposal facility (\$23,000) has offset some of the saving.

The stormwater investigation work is behind schedule. A portion of the unspent budget (\$35,000) has been carried over into 2003/04.

The spend on Iwi projects, at year-end was behind (\$64,000), compared to our budgets, (as we anticipated).

In addition, the Pauatahanui Inlet (\$14,000), freshwater ecosystem (\$19,000), and urban development strategy (\$20,000) projects contributed to the under-spend.

5. Capital Expenditure

Overall our capital expenditure programme is some \$9,000 under budget. The under-spend is with the Ecobus. The painting of the Ecobus livery has been held over until the Council's communication and social marketing work is finalised. To accommodate this, some \$35,000 has been carried over to 2003/04.

To a certain extent the purchase of two photocopiers (\$25,000), and the Hazmobile (\$23,000) has offset the under-spend. Although the acquisition of these photocopiers was not specifically budgeted for in our capital expenditure programme, these items were provided for as part of our operating expenditure budget.