



## GROUP STEERING COMMITTEE AGENDA

Notice is hereby given of a meeting of the Lifelines Group Steering Committee, to be held at the office of Matamata-Piako District Council, 35 Kenrick Street, Te Aroha at 9.30 am on Friday, 19 October 2007.

**MEMBERS:**

**WEL Networks**

A. Harrop

**South Waikato District Council**

A Shaw / B Herlihy

**Matamata Piako District Council**

G Ridley

**Transit NZ**

K Clark

**Environment Waikato**

A Munro

**Waipa District Council**

J Mills

**Genesis Energy**

Bill Ashurst

**Ministry of Civil Defence Emergency Management**

G. Gallop

**Vodafone NZ Ltd**

Graham Mearns

**IN ATTENDANCE:**

**Project Manager**

J Harris

**APOLOGIES:**

Bill Ashurst

- 1 Apologies**
  - 2 Late items for General Business**
  - 3 Minutes of Previous Meeting**
  - 4 Correspondence**  
*Inwards and outwards correspondence*
  - 5 Project Managers Report**  
*Brief report on activities since the previous meeting.*
  - 6 Key Project Updates**  
*An update on the Communications Plan, Utility Vulnerability Project, Business Plan and Climate Change Model*
  - 7 Committee Members Updates**  
*Verbal reports on issues relating to their respective utility sectors*
  - 8 Avian Flu Pandemic**  
*General update*
  - 9 Climatic Change**  
*General update*
  - 10 Draft Regional Flood Risk Management Strategy**  
*Report presented on the EW Draft Regional Flood Risk Management Strategy*
  - 11 IPENZ / NZPI Climate Change Seminar Overview**  
*Overview presented on the recent climate change seminar*
  - 12 Business Plan**  
*Approval of final Plan*
  - 13 General Business**
  - 14 Next Meeting**  
Friday 8 February 2008
  - 15 Tui Mine tailings**  
On site visit and presentation by Dennis Crequer
- Meeting to finish at 12.30pm**

Future meeting dates:

- Friday 8 February 2008
  - Friday 16 May 2008
  - **Friday 6 June 2008 – Breakfast Seminar**
  - Friday 1 August 2008 – AGM plus normal meeting
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The Tui Mine site visit will involve leaving the Matamata-Piako District Council Te Aroha office at 11.00am and will return at about 12.30pm and a light lunch will then be provided.

**Members are required to bring appropriate foot wear for outdoor walking on uneven surfaces and Day-Glo jackets.**

# Report to Lifelines Group Steering Committee

**Date:** 30 September 2007  
**To:** Steering Committee Members  
**From:** Lifelines Project Manager  
**Subject:** **Project Manager's Report**

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## Purpose

To report on the Project Manager's activities since the previous meeting on 27 July 2007.

## Time Involvement in WELG

Total hours worked in July 2007	59.51
Total hours worked in August 2007	8.25
Total hours worked in September 2007	20.00

## Activities

- Working on the Vulnerability Assessment & Prioritisation Project.
- General Administration and keeping up to date with lifeline related information.
- General correspondence relating to the Waikato Engineering Lifelines Group
- Preparation of newsletter
- Preparation of Steering Committee Meeting minutes.
- Preparation of agenda and reports for the July and October Meetings.
- Preparations for invoicing for the 2007/2008 financial year.

## Project Manager Expenditure:

An expenditure spreadsheet outlining 2007/2008 expenditure to date will be presented at the meeting.

## Recommendation:

- (1) That the report titled "**Project Manager's Report**" be received for information.

John Harris  
**Lifelines Project Manager**

# Report to Lifelines Group Steering Committee

**Date:** 28 September 2007  
**To:** Steering Committee Members  
**From:** Lifelines Project Manager  
**Subject:** **Key Projects Updates**

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## **Purpose**

To report on the status of the Lifelines Group projects, Communications Plan, Utility Vulnerability Assessment Project, Business Plan and Climate Change Model.

## **Communications Plan**

Copies are available from the WELG Project Manager. If further copies are required please contact the Project Manager.

Please remember to notify the WELG Project Manager if you are aware of any changes to contact personnel.

## **Utility Vulnerability Assessment & Prioritisation Project**

The Project progress is very slow and a detailed report will be circulated separately.

## **Business Plan**

The Business Plan has been amended to improve its overall format and the mission statement reduced to "To reduce the vulnerability of Waikato Region's Lifeline Utilities in local, regional and national emergency events". The document will be circulated with the intention of signing it off at the October meeting.

## **Climate Change Model**

A brief has been prepared for expressions of interest by companies involved in climate change modelling. The brief involves both a Hauraki Plains scenario and a Waikato regional scenario and for the interested parties to advise on the practicality and costs of the two scenarios. The scope is to provide an indication of the potential impacts of climate change on the infrastructure (lifeline utilities) of the Plains/Region as well as to provide an indication of other potential funding sources for either of the two scenarios.

## **Recommendation:**

- (1) That the report titled "**Key Project Updates**" be received for information.

John Harris  
**Lifelines Project Manager**

# Report to Lifelines Group Steering Committee

**Date:** 30 September 2007  
**To:** Steering Committee Members  
**From:** Lifelines Project Manager  
**Subject:** **Avian Flu Pandemic**

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## Purpose

To provide a general update on the H5N1 avian flu pandemic

## General

Little information has been received on the pandemic since Exercise Cruikshank but deaths continue to be reported around the world and in an increasing number of countries. This is one of the main concerns of this type of event as public interest wanes and can lead to a drop in preparedness through complacency. The challenge facing utilities is to maintain an appropriate level of awareness and acceptance by staff, i.e. “keep the pot simmering quietly without blowing its lid”.

Refer to pages 7 & 8 for world maps, indicating reported cases of Avian Flu since 2003 and reported cases since 1 January 2007. The maps indicate that it continues to spread slowly across the world with little sign of dissipating. In terms of potential impact on New Zealand, the concern is the high incidence in South East Asian countries, especially Indonesia, Thailand, Vietnam and, although to a lesser extent, Cambodia as they are popular tourist destinations close to both Australia and New Zealand.

For further information on Avian Flu Pandemic planning refer to website [www.moh.govt.nz/pandemicinfluenza](http://www.moh.govt.nz/pandemicinfluenza) or call 0800 286 358.

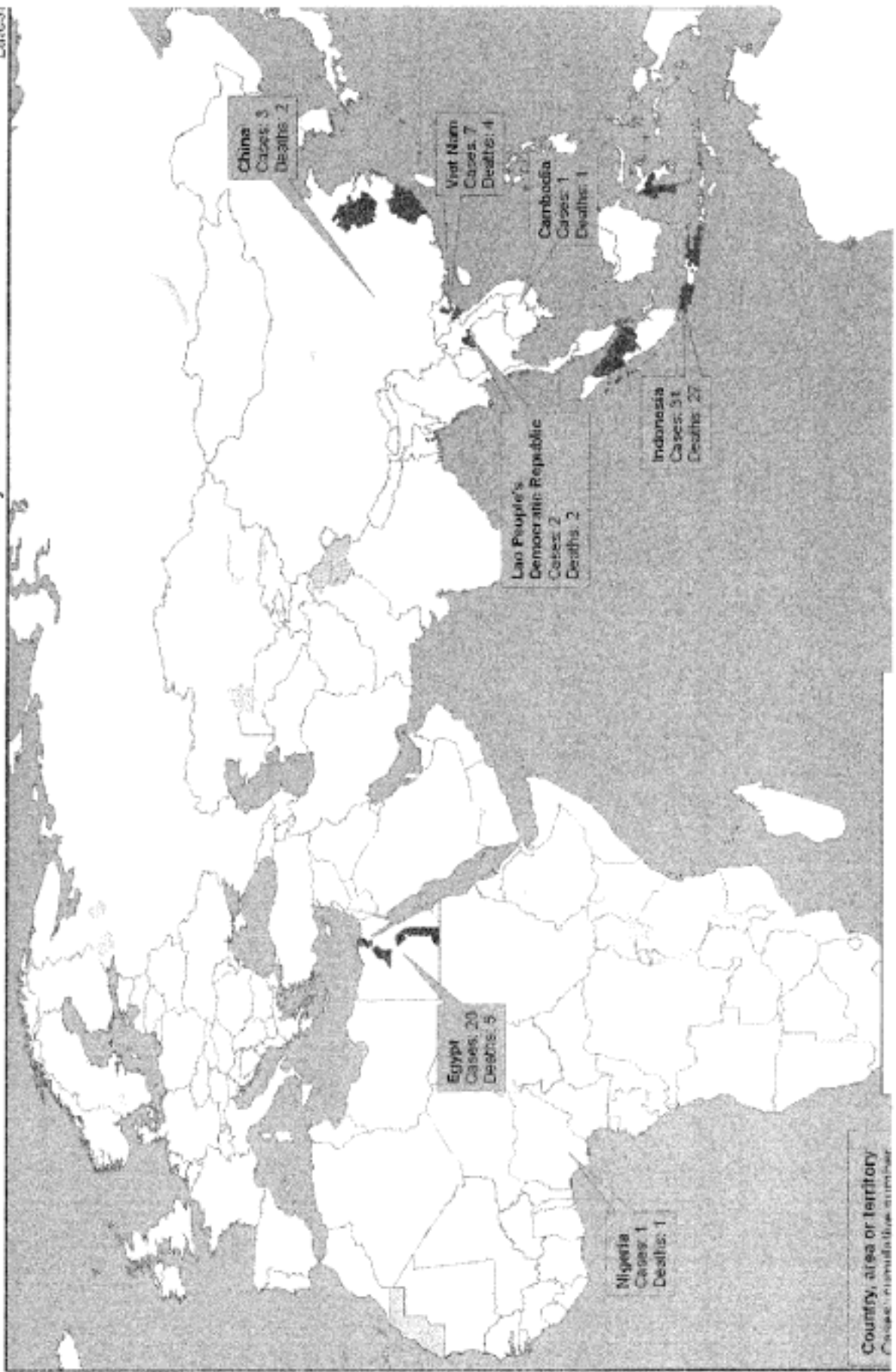
## Recommendation

(1) That the report titled “**Avian Flu Pandemic**” be received for information.

John Harris  
**Lifelines Project Manager**

Status as of  
Latest

### Areas with confirmed human cases of H5N1 avian influenza since 1 January 2007 \*

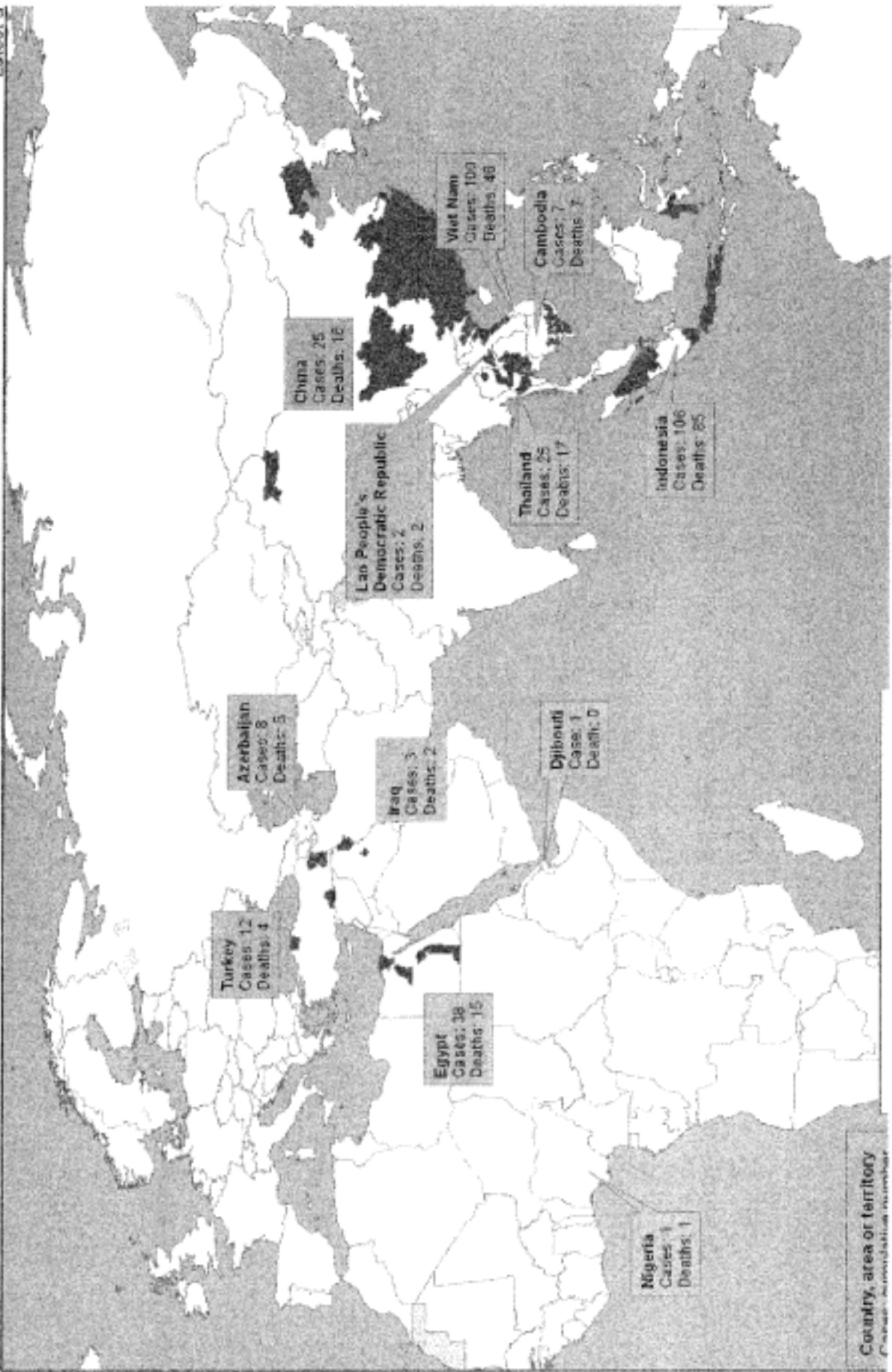


7/1/2007 10:00:00 AM

[http://www.cdc.gov/ncidod/diseases/influenza/h5n1/human/2007/H5N1Human\\_2007\\_FIMS\\_200701010.htm](http://www.cdc.gov/ncidod/diseases/influenza/h5n1/human/2007/H5N1Human_2007_FIMS_200701010.htm)

Areas with confirmed human cases of H5N1 avian influenza since 2003 \*

Status as  
Latest a



Country, area or territory  
Cases, death numbers

# Report to Lifelines Group Steering Committee

**Date:** 30 September 2007  
**To:** Steering Committee Members  
**From:** Lifelines Project Manager  
**Subject:** **Climate Change**

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## Purpose

To provide an update on issues and activities related to climate change.

## General

It is difficult not to hear the words climate change in today's world and it is certainly appearing centre stage in terms of central government. It would be reasonable to assume that this interest will extend to lifeline utilities, especially when the Government's policies to fight climate change include:

- The establishment of an emissions trading scheme to put a price on greenhouse gas pollution
- Measures to encourage forestry and more sustainable land use
- A goal to increase renewable electricity generation to ninety per cent of New Zealand's total electricity generation by 2025
- Improving fuel and energy efficiency in buildings, home and business
- A goal to reduce per capita emissions from the transport sector by half by 2040, and to be one of the first nations to widely introduce electric vehicles
- Making the public sector carbon neutral

All of these policies have an impact on lifeline utilities, either directly or indirectly. Renewable electricity generation, as an example, will require significant construction which in turn require increased road works, water, etc, all of which will involve significant carbon footprints.

The certainty of Government interest extending into the private sector, especially lifeline utilities, could also be strengthened by the Prime Minister's statement that six public service departments will take the lead on achieving carbon neutrality. The six departments are:

- Department of Conservation
- Inland Revenue Department
- Ministry of the Environment
- Ministry of Economic Development
- Ministry of Health
- Treasury

There are three aspects to achieving carbon neutrality:

- Measure emissions
- Reduce emissions

- Offset unavoidable emissions

The public service departments will address these requirements by:

### **Measuring emissions**

Agencies will gather more accurate information on the greenhouse gas emissions linked to their energy and electricity use, transport (including domestic and international air travel), and waste sent to landfill.

### **Reducing emissions**

Agencies will reduce the amount of greenhouse gases by:

- Energy efficiency measures, which might include energy use audits, educating staff on using less electricity, low-energy lighting systems, more efficient heating and cooling systems, and purchase of equipment that uses less electricity.
- Travel measures, which might include workplace travel plans to eliminate unnecessary journeys, purchasing of more fuel efficient vehicles, and transport alternatives such as video-conferencing facilities.
- Waste reduction and recycling systems.

### **Offsetting unavoidable emissions**

Offsetting emissions without having made plausible efforts to reduce emissions first would compromise the credibility of the programme and could possibly prevent external verification of the carbon neutral status. It is not feasible to reduce the greenhouse gas emissions to zero, so some offsetting will be required.

The use of New Zealand based forestry related projects will have an impact on transport and fuel utilities, video-conferencing will impact on telecommunication utilities and electrically powered vehicles will have a significant impact on electricity generation and network utilities.

While the above-mentioned public service department measures would, in all probability, be in house there is the future possibility that these measures could be extended to other departments and include external suppliers.

This could conceivably be implemented by including carbon emission clauses in the procurement of external services and evaluated as a non-price attribute or a cost adjustment to the tender price.

**These possibilities are floated simply as a reminder that climate change impacts can take a number of forms, not always obvious or direct and also to illustrate that the interdependencies of lifeline utilities are not restricted to vulnerabilities.**

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## **CLIMPACTS Climate Change Model Demonstration**

The CLIMPACTS model allows the development of computer graphic scenarios of the potential effects of climatic change throughout New Zealand. This model was demonstrated at a WELG meeting last year and generated significant interest amongst the people present.

The workshops are to allow individual hands on training of the system and to demonstrate its capabilities. The suggestion has been for a half day workshop to be held in Hamilton later this month for about 15 – 20 people. It is envisaged that the cost would be in the vicinity of \$100 per person to cover computer hire, venue, etc.

The workshop would be of interest to a wide range of parties including:

Utility Companies

District & Regional Council Planners and technical staff

Asset Managers

CDEM Group

DOC

Federated Farmers

Pest management agencies

If you are interested in attending one of these workshops please contact the WELG Project Manager.

### **Recommendation:**

- (1) That the report titled “**Climate Change**” be received for information.

John Harris

**Lifelines Project Manager**

## Tui Mine Tailings

The Government is spending \$9.88 million to clean up New Zealand's second most contaminated site.

The Tui Mine, near Te Aroha has been abandoned since 1973 but ore dumps, mine tailings and water contamination remain. Hazardous substances have been seeping from the site, affecting the quality of two streams which flow into the Waihou River.

The clean-up will improve water quality, prevent the risk of a tailings dam collapse, improve public safety and improve access to reserves adjacent to the site. Environment Waikato and Matamata-Piako District Council are also involved in the process, which will see the tailing dam reconstructed, the capping of the tailing deposits and bulkheading old mine shaft entrances. The work should be completed by 2010.

Dennis Crequer is an officer from Environment Waikato and has had a long association with the site.



Looking from further up, some of the machinery and hoppers still around with the remnants of 44 gallon drums and such like. The sterile tailings area can be seen in the back ground.



This tailings dam and pond can be seen in this picture. The only plants growing on it are in a trial area. Even the embankments have no plants. The effluent from the mine killed all life in the Tui Stream below the mine, and it is only now starting to recover.