

Report 10.141
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Committee Council
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Management Group

Report on Regulatory Committee meeting held on 18 March 2010

1. Purpose

To inform council about the meeting of the Regulatory Committee that took place on 18 March 2010.

2. Reports

2.1 Status of municipal wastewater treatment plants (WWTP) in the Wairarapa

Stephen Thawley prepared a report on the status of municipal wastewater treatment plants in the Wairarapa, highlighting plants whose consents are currently being replaced and those which have recently been processed.

There are nine wastewater treatment plants in the Wairarapa of varying size. We are working closely with territorial authorities (TA) to produce viable consent applications and ensure that non-complying wastewater treatment plants are being brought into compliance.

The committee requested that regular 6-monthly progress reports be provided to keep the committee updated on consent applications.

Table 1 lists the location of the treatment plans and the TA responsible for each.

Wastewater treatment plant	Territorial Authority	Scale/Size	Receiving environment
Masterton	MDC	Large	Ruamahanga River with some land discharge
Castlepoint	MDC	Small	Wetlands with some discharge to Castlepoint Stream
Riversdale Beach	MDC	Small	Land only all year round
Tinui	MDC	Small	Land only all year round

Wastewater treatment plant	Territorial Authority	Scale/Size	Receiving environment
Carterton	CDC	Medium	Mangatarere Stream with some land discharge
Greytown	SWDC	Medium	Papawai Stream
Featherston	SWDC	Medium	Donalds Creek via wetlands
Martinborough	SWDC	Medium	Ruamahanga River
Lake Ferry	SWDC	Small	Land with some discharge to wetlands

3. Wellington region tsunami hazard and mapping – oral report

Dr Iain Dawe, Hazards Analyst of our Environmental Policy department gave a presentation on the region’s tsunami hazard and mapping. Attached is a selection of slides from Dr Dawe’s presentation to the committee.

Dr Dawe gave a background to a project to develop a tsunami evacuation map for the region. Greater Wellington has put a concerted effort into tsunami education in recent years and has been working on this map for the past 18 months. The map has been developed in conjunction with GNS Science. GNS Science modelled inundation areas and Greater Wellington used the modelled outputs to produce a three zone evacuation map.

The first zone is a shore exclusion area (red) in Slide 13. It represents the highest risk area for all events. It is to be evacuated if there is a high probability tsunami warning. The second is the official Civil Defence Emergency Management evacuation zone (orange) in Slide 13. This represents the 500 year event. It is to be evacuated for large distant source events when there is enough lead-in time for authorities to effect an evacuation. Forecast wave heights would be in the order of 2-5 m depending on the risk profile of the location. It could produce on-land run-up in the order of 4-10 m above mean high water springs and reach 400-1000 m inland, depending on terrain and up to double this along large rivers. The third is a self evacuation zone. It represents the worst case scenario – a 2500 year event. Generally this will be a local source tsunami with very little or no warning time. Civil defence will not be able to effect an evacuation in time, but they may have time to issue an informal public warning. This will require public education, for people to be aware of what to do when there are natural warnings (e.g. a large earthquake where people had difficulty standing).

The maps have been released over the past 12 months as areas have been completed and the last map was released in February. Their release has been generated a great deal of interest in the media, and a number of articles have appeared in the local publications. Greater Wellington is now working with local civil defence authorities on the development of evacuation plans to accompany the maps. This involves identifying evacuation routes, safe civil posts and locations for welfare centres. It also involves coordinating with a range of other agencies such as police and fire who become involved during an emergency.

4. Regular reports

Regular summary reports on decisions on non-notified resource consent applications, pollution control incidents, and the council's input into city and district planning were also provided. This information is readily available on the Council's website to ensure accessibility of the information.

5. Unconfirmed minutes

The unconfirmed minutes of the committee meeting are attached as **Attachment 1**.

6. Recommendations

That Council:

1. **Receives the report.**
2. **Notes the content of the report.**

Report prepared by:



Sally Baber

Chair, Regulatory Committee

Report approved by:



Nigel Corry

General Manager,
Environment Management
Group

Attachment 1: Unconfirmed minutes

Attachment 2: Selection of slides from Dr Dawe's presentation