



# Hastings District Council

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**OPEN**

## **A G E N D A**

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### **HDC-TANGATA WENUA WASTEWATER JOINT COMMITTEE MEETING**

Meeting Date: **Tuesday, 10 November 2015**

Time: **1.00pm**

Venue: **Council Chamber  
Ground Floor  
Civic Administration Building  
Lyndon Road East  
Hastings**

<b>Committee Members</b>	Chair: Mr Gordon Paku Councillors Bradshaw, Heaps (Deputy Chair) Roil, Lyons and Watkins Mr Peter Paku, Mrs Evelyn Ratima and Tania Kupa Huata ( <i>Quorum=6 including 3 Councillors</i> )
<b>Officer Responsible</b>	Water Services Manager, Brett Chapman
<b>Committee Secretary</b>	Carolyn Hunt (Ext 5634)

## Hastings District Council : Tangata Whenua Wastewater Joint Committee Terms of Reference

This is established between Hastings District Council and representation of Tangata Whenua.

### **Fields of Activity**

To be actively involved in developing the Hastings District Council's wastewater treatment and disposal system policies, receiving, reviewing and recommending action on reports concerning the operation and performance of the Council's wastewater disposal system and ocean discharge including alternative treatment and disposal options, and, in particular, providing advice in regard to the Trends, Technology, Discharge, Environmental and Monitoring Nine Yearly Review, in accordance with the Resource Management Act 1991 and Policies and Plans under the Act, and in particular, to recognise the role of Tangata Whenua as kaitiaki, and, to satisfy their cultural concerns.

To receive, review and recommend action on wastewater reports.

To recommend the commissioning of reports and future Hastings District Council actions on wastewater issues including:

- Options for further treatments
- Options for methods of disposal
- Monitoring effects on the environment

To coordinate and oversee education of the community on wastewater issues.

### **Membership**

Chairman appointed annually by the Joint Committee from its members annually to alternate between the Council and Tangata Whenua representatives.

5 Councillors and 5 Tangata Whenua representatives appointed by the Council

**Quorum** – 6 members including not less than 3 Councillor representatives.

### **Delegated Powers**

Recommendation to Council on matters within the Committee Fields of Activity.

“The chairperson shall not have a casting vote.”

Recommendation to Council on matters within the Committee Fields of Activity.

The chairperson shall not have a casting vote.

**HASTINGS DISTRICT COUNCIL**  
**HDC-TANGATA WENUA WASTEWATER JOINT**  
**COMMITTEE MEETING**

**TUESDAY, 10 NOVEMBER 2015**

**VENUE:** Council Chamber  
Ground Floor  
Civic Administration Building  
Lyndon Road East  
Hastings

**TIME:** 1.00pm

**A G E N D A**

**1. Apologies**

At the close of the agenda no apologies had been received.

At the close of the agenda no requests for leave of absence had been received.

**2. Conflict of Interest**

Members need to be vigilant to stand aside from decision-making when a conflict arises between their role as a Member of the Council and any private or other external interest they might have. This note is provided as a reminder to Members to scan the agenda and assess their own private interests and identify where they may have a pecuniary or other conflict of interest, or where there may be perceptions of conflict of interest.

If a Member feels they do have a conflict of interest, they should publicly declare that at the start of the relevant item of business and withdraw from participating in the meeting. If a Member thinks they may have a conflict of interest, they can seek advice from the Chief Executive or Group Manager Corporate & Customer Services (preferably before the meeting).

It is noted that while Members can seek advice and discuss these matters, the final decision as to whether a conflict exists rests with the member.

**3. Confirmation of Minutes**

Minutes of the HDC – Tangata Whenua Wastewater Joint Committee Meeting held Friday 4 July 2014.  
*(Previously circulated)*

4. **Wastewater Consent Annual Compliance Report** **5**
5. **Additional Business Items**
6. **Extraordinary Business Items**

**REPORT TO:** HDC–TANGATA WHENUA WASTEWATER JOINT  
COMMITTEE

**MEETING DATE:** TUESDAY 10 NOVEMBER 2015

**FROM:** WASTEWATER MANAGER  
DAVID JAMES

**SUBJECT:** WASTEWATER CONSENT ANNUAL COMPLIANCE  
REPORT

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## **1.0 SUMMARY**

- 1.1 The purpose of this report is to present the Annual Wastewater Resource Compliance Report to the Committee and update the Committee on key wastewater activities.
- 1.2 This report has been prepared as a result of the ongoing operation of Council's wastewater system and the need to comply with consenting requirements under the Resource Management Act 1991.
- 1.3 The Council is required to give effect to the purpose of local government as prescribed by Section 10 of the Local Government Act 2002. That purpose is to meet the current and future needs of communities for good quality local infrastructure, local public services, and performance of regulatory functions in a way that is most cost-effective for households and businesses. Good quality means infrastructure, services and performance that are efficient and effective and appropriate to present and anticipated future circumstances.
- 1.4 The purpose of this report is relevant to the provision of good quality wastewater infrastructure that is efficient, effective and appropriate to present and future circumstances.
- 1.5 This report concludes by recommending that the Committee receive the report.

## **2.0 BACKGROUND**

- 2.1 In June 2014 Hastings District Council (HDC) was granted a new 35 year long-term consent for the discharge of treated wastewater from the plant at East Clive, through the long ocean outfall into Hawke Bay. The consent expires on 31 May 2049.
- 2.2 HDC's wastewater system has been operating under the new consent conditions for just over a year. In accordance with the consent conditions the Annual Compliance Report has recently been completed, peer reviewed and submitted to the Hawkes Bay Regional Council.

## **3.0 ANNUAL COMPLIANCE REPORT**

- 3.1 The new wastewater discharge resource consent has been operative for 16 months. A requirement of the new consent is the preparation of an Annual

Compliance Report. The purpose of Annual Compliance Report is to assess compliance with the conditions of the resource consent (CD130214W).

- 3.2 The Consent conditions cover a range of performance and quality parameters that all need to be adhered to.

#### **Consent Performance Overview**

- 3.3 The Domestic and Non Separable Industrial (DNSI) treatment system's Biological Trickling Filter (BTF) is operating well.
- 3.4 The Final Combined Wastewater (FCW) that is being discharged complies with the ANZECC 2000 guidelines for marine waters in a moderately disturbed environment. The Final Combined Wastewater is of a low toxicological risk when discharged into the marine environment of Hawke Bay.
- 3.5 The receiving water within the mixing zone shows some effects from the outfall discharge, the effects are only minor. Outside of the mixing zone the receiving waters characteristics are very similar to those of the surrounding marine waters.
- 3.6 The sediments show minor effects in the vicinity of the outfall which is reflected in higher concentrations close to the outfall diffuser. All sediments results were below the ANZECC 2000 ISQG-Low trigger levels. There is no indication of accumulation of metals around the outfall.
- 3.7 The Annual Compliance Report concludes that the current treatment and discharge through the long ocean outfall provides for an environmentally acceptable, sustainable and economic solution for wastewater from the Hastings District Council.
- 3.8 During 2014/15 compliance with the consent has been very high.

#### **4.0 TREATMENT PLANT OPERATIONS UPDATE**

- 4.1 The wastewater treatment plant continues to operate effectively with no major issues being experienced recently. The following activities have been undertaken at the wastewater plant:
- Overhaul of the No 3 outfall pump is nearing completion.
  - Repairs and improvements have been made to the screens and launder units.
  - The electrical switchboards have been upgraded in the outfall pump station building
  - Routine monitoring and sampling has been undertaken on a quarterly basis.

#### **5.0 TRADE WASTE UPDATE**

- 5.1 The Trade Waste Bylaw has been reviewed as part of the Water Services Bylaw Review Process. As a result all trade waste industries have had to apply for new Trade Waste Approvals and prepare new Management Plans in order to comply with the new bylaw. This process has run smoothly with Council's Trade Waste Officer and industry working together to ensure that the required Trade Waste Approvals are in place.

## 6.0 KEY WASTEWATER PROJECTS UPDATE

The following key wastewater projects are underway:

### 6.1 Havelock North Wastewater Relief Sewer

This project involves the construction of a 7 km long large diameter sewer pipeline from Crosses Road, Havelock North to Railway Road, Whakatu. The construction is on track and progressing well with construction on SH2 complete and construction along the western side of Napier Road making good progress. This contract is scheduled to be completed by June 2016.



Havelock North Relief Sewer Construction on SH2

### 6.2 Trunk Main Renewals

The second phase of the Priority Trunk Sewer Renewal Programme has been completed. Planning is underway for the third phase work package to be implemented in the fourth quarter of 2015/16.



Before Renewal



After Renewal

During the relining contract a 40m section of the trunk sewer immediately upstream of the milliscreen building at the wastewater treatment plant was



found to be extremely corroded. Relining this section of pipe was not feasible and an alternative renewal method has been planned.



**Milliscreen Trunk Sewer showing severe concrete corrosion**

A contract for the construction of a new 1050mm PE pipe and chambers has been awarded and construction will take place in November and December 2015 prior to the onset of the peak industrial flows.

### 6.3 Outfall Investigations and Renewals

#### **Outfall Pipe Renewal**

The repairs and rehabilitation of 40m of the landward section of the ocean outfall pipeline was successfully completed.



**Repair of Landward Section of the Outfall Pipe**

#### **Outfall Diffuser Renewal**

Detailed design work on the renewal of the 300m diffuser at the end of the outfall has been completed. Tender and construction of the diffuser is programmed for 2015/16 and is included in the 2015 LTP.

#### **Emergency Beach Overflow Chamber Renewal**

Condition assessment and renewal options investigations of the beach overflow and short outfall structures have been completed. The groyne and overflow chamber have been eroded and damaged over time due to wave



action, particularly during rough seas. Initial works comprising installation of Akmons (large concrete blocks) to protect the existing outfall chamber is scheduled for November 2015. Detailed design of the outfall structure renewal is underway and related physical works are planned for later in 2015/16. The emergency beach overflow chamber was recently consent as part of the long ocean outfall discharge consent process.



Emergency Beach Overflow Structure

## 7.0 RECOMMENDATIONS AND REASONS

- A) That the report of the Wastewater Manager titled “Wastewater Consent Annual Compliance Report” dated 10/11/2015 be received.

With the reasons for this decision being that the objective of the decision will contribute to meeting the current and future needs of communities for good quality local infrastructure by:

- i) Ensuring ongoing compliance with resource consent conditions through effective operation of the wastewater treatment plant in East Clive.

### Attachments:

- |   |  |                |              |
|---|--|----------------|--------------|
| 1 | Wastewater Annual Compliance Report 2014-15<br>Discharge Consent CDCD130214W | CG-13-15-00016 | Separate Doc |
|---|--|----------------|--------------|