**DRAFT MINUTES OF THE MEETING OF THE**

**WATER SAFETY JOINT WORKING GROUP**

**Date:** 19 January 2017

**Time:** 9.00 am

**Venue:** Mohaka Room, Hawke’s Bay Regional Council

**Present:** CHAIR Chris Tremain

HBDHB Caroline McElnay

Peter Wood (DWA)

HDC Craig Thew

Craig Cameron

Brett Chapman

HBRC Malcolm Miller

Stephen Swabey (by phone)

**Apologies:** HBDHB Nick Jones

HBRC Iain Maxwell

**Secretariat:** Ken Foote

**In attendance:** HBRC Jeff Smith

HBRC Pawel Rakowski

The Chair opened the meeting with introductions and thanked everyone for attending. He acknowledged the apologies but stressed the need for the JWG to maintain the momentum to address the issues included in the Terms of Reference.

The inclusion of Napier City Council was discussed. The Chair said that he had talked to Wayne Jack from NCC prior to Christmas who wished to be included in the group. The group agreed to distribute the minutes, action plan, and an invitation to join the next meeting to be held on February 16th.

1. **Minutes**

The minutes of the meeting held 21 December 2016 were approved as a correct record of that meeting.

1. **Matters Arising**
2. **Updated Terms of Reference**

* Agreed that additional words be added to the first sentence under “Authority”

*“After reaching consensus, the JWG has the authority to …………”*

Subject to this amendment, the updated TOR were approved.

1. **Draft Ground Rules**

* Noted that legal advice from HDC on the issue of confidentiality still to come
* The Chair advised that he had discussed and agreed with Nathan Gedye (Counsel for the Inquiry) that the Minutes and Action Plan of the JWG would effectively be ‘public’ documents. He will discuss with the relevant Communication Managers, how and where this information would be ‘published’.
* Agreed that these Ground Rules remain in draft until the above issues are addressed.

1. **Future Meetings**

Agreed 3rd Thursday of each month as follows:

February 16

March 16

April 20

May 18

June 15

July 20

August 24 (4th Thursday – exception)

September 21

October 19

November 16

1. **Presentation on HBRC Groundwater Model**

Malcolm Miller introduced Jeff Smith and Pawel Rakowski from HBRC Hydrology Team who then presented *“Heretaunga Modelling to Support TANK Decision Making” ;*  and *“Heretaunga Aquifer Groundwater Model”.*

* Copies of both presentations are attached to these minutes.

Issues raised during the presentations and in subsequent discussion included:

* Acknowledge limitations and ongoing development of the model – can provide future indications but not accurate predictions
* Currently model does not address ‘age’ of water – this is a key issue due to recent test results in some bores and the implications for the security of drinking water supplies (both public and private) – more work required on this
* “Speed of flow” and potential ‘zones of risk’ also connected to age issue
* HBRC seeking feedback / comment on the level of satisfaction with the material matters addressed in the model?
  + - * + Are all key issues included

If not

What needs to be done?

Who will be responsible for this?

What will it likely cost?

* + - * + Agreed that for the JWG, need to keep coming back to drinking water:

What will be the quality / level of security over time?

Will it require treatment or not?

Can treatment be delayed?

* + - * + Agreed that vulnerability of groundwater to surface water activity needs to be addressed.

Recognised high risk

May require more detailed catchment analysis

May have to consider source protection zones

* Noted that based on the data available for modelling – aquifer characteristics do not appear to be changing
* Also noted that over time recorded inflows to the aquifer exceed recorded outflows, acknowledging some seasonal fluctuations.
* Acknowledged limitations in current water quality monitoring in that only liquid attributes tested – not “solid” contaminants which are of particular concern to health – some thought to be given on how to address this limitation?

The Chair thanked HBRC personnel for their presentation, and all in attendance for the discussion. There were a number of issues raised that will require further work, with the JWG being kept informed and asked to assist / support as appropriate.

It was agreed that HDC would use the HBRC presentation as the basis of current measure and commence a White Paper on “Additional Measurement Option” for discussion and debate at the March meeting.

1. **Action Plan**

The Action Plan as at 21 December 2016 was noted and accepted as an accurate record of the issues and actions required. Some brief verbal updates were provided but it was agreed that each agency assigned responsibility for an action, would provide written updates / comments to the Secretary for consolidation into a full update of the Plan by Thursday 26 January 2017, for distribution with the minutes of this meeting.

1. **HDC Bore Head Security**

HDC raised some concerns about an HBRC letter indicating the “possibility that bores covered by resource consent WP070080Tb may not meet condition 21 of that consent in a similar way to Brookvale bores 1, 2 and 3.

HDC were seeking to develop a practical approach which will enable them to undertake tests that will be recognised and accepted by DWA and HBRC without duplicating effort and cost.

Following brief discussion, it was agreed:

* This is relevant to Part 2 of the Inquiry
* Put the issue on the Action Plan
* Further discuss in March 2017
* May require a sub-set of JWG to resolve.

1. **Communication Strategy**

The Chair noted that he had discussed this and agreed with relevant CEOs that he would work with relevant Communications Manager to develop a draft communications strategy and framework for the JWG to review.

* This issue now included and reported on in the Action Plan.

1. **General Business**

* HDC E Col Testing
  + - * + HDC reducing testing on the reticulation system
        + Still daily on every bore
        + Reducing from 1000% of the Standard to 200%
* Paki Paki Water Supply
  + - * + Now joined up to the town supply
        + Pipes / infrastructure being flushed
* Laboratory Testing
  + - * + HDC noted that a second accredited Laboratory had been engaged to assist with testing
        + After completing testing on 2000 samples from the reticulation system, discovered that they had not been neutralising chlorine
        + Test results therefore invalid
        + IANZ advised
        + No longer using that Laboratory.
* Hastings / Havelock North Water Conservation
  + - * + Current sprinkler ban working
        + Reticulation system working well

**Next meeting: Thursday 16 February 2017 at Hastings District Council**

**The meeting closed at 11.00 am**