

Minutes of a meeting of the Technical Committee held in  
the Cargill Room, Scenic Circle Southern Cross Hotel,  
Dunedin on Wednesday 31 January 2018,  
commencing at 10:30 am

**Membership**

|                       |  |
|-----------------------|--|
| Cr Andrew Noone       | <i>(Chairperson)</i>   |
| Cr Ella Lawton        | <i>(Deputy Chairperson) Attended via teleconference link</i> |
| Cr Graeme Bell        |  |
| Cr Doug Brown         |  |
| Cr Michael Deaker     |  |
| Cr Carmen Hope        |  |
| Cr Trevor Kempton     |  |
| Cr Michael Laws       |  |
| Cr Sam Neill          |  |
| Cr Gretchen Robertson |  |
| Cr Bryan Scott        |  |
| Cr Stephen Woodhead   |  |

**Welcome**

Cr Noone welcomed councillors, staff and members of the public to the meeting with a special welcome to Mrs Gardner, attending her first committee meeting as Chief Executive.

**1. APOLOGIES**

No apologies were advised.

**2. LEAVE OF ABSENCE**

No Leave of Absence was requested.

### **3. ATTENDANCE**

|                 |   |
|-----------------|---|
| Sarah Gardner   | (CEO)   |
| Nick Donnelly   | (Director Corporate Services)                     |
| Tanya Winter    | (Director Policy, Planning & Resource Management) |
| Sian Sutton     | (Director Stakeholder Engagement)                 |
| Gavin Palmer    | (Director Engineering, Hazards & Science)         |
| Scott MacLean   | (Director Environmental Monitoring & Operations)  |
| Sally Giddens   | (Director People & Capabilities)                  |
| Ian McCabe      | (Executive Officer)                               |
| Lauren McDonald | (Committee Secretary)                             |
| Dean Olsen      | (Manager Resource Science) Items 11.1, 11.4, 11.5 |
| Chris Valentine | (Manager Engineering) Item 11.1                   |
| Jean-Luc Payan  | (Manager Natural Hazards) Item 11.1               |
| Ben Mackey      | (Natural Hazards Analysis) Items 11.1, 11.6       |
| Deborah Mills   | (Environmental Scientist) Item 11.3               |

### **4. CONFIRMATION OF AGENDA**

The agenda as tabled was confirmed.

### **5. CONFLICT OF INTEREST**

No conflicts of interest were advised.

### **6. CONFIRMATION OF MINUTES**

#### **Resolution**

*That the minutes of the meeting held on 29 November 2017 be received and confirmed as a true and accurate record.*

Moved: Cr Noone  
Seconded: Cr Lawton  
CARRIED

### **7. PUBLIC FORUM**

No public forum was held.

### **8. PRESENTATIONS**

No presentations were held.

### **9. ACTIONS** (Status report on the resolutions of the Technical Committee)

No current items for action.

### **10. MATTERS FOR COUNCIL DECISION**

NIL.

## 11. MATTERS FOR NOTING

### 11.1. Director's Report on Progress

The report provided updates on: Climate, river flow and groundwater situation; Lake snow investigations; Lake Trophic Status; Lake Hayes remediation options; Clutha River bioenergetics; Hawea Aquifers monitoring; July 2017 Coastal Otago Flood Event; Henley flooding; NZ SeaRise Programme; Collaboration with territorial authorities on district plan natural hazards; Mt Alpha (Wanaka) fire; Geomorphic Change Detection; Lower Waitaki River Scheme; Clutha River/Mata-au (Mata-au Mouth) Offsetting; Central Otago Stock Truck Effluent Disposal (STEDs), and the Leith Flood Protection Scheme.

Dr Olsen responded to questions from councillors on the report content. Discussion was held on report back of timeframes on the progress of the lake snow work programme and the communication plan for regular updates to the public.

Lake Hayes remediation options - Mr Donnelly advised there was provision in the Long Term Plan for the investigation work of the remediation options, with the cost of options to be consulted through the Annual Plan process.

Mt Alpha (Wanaka) fire - Dr Mackey provided feedback to councillors on the site inspection and findings of the fires effects.

Central Otago Stock Truck Effluent Disposal (STEDs) - Discussion was held on the CODC objection and community concern to the proposed location of the SH6 STED site at Cromwell. Mr Valentine, Manager Engineering detailed the process undertaken by ORC in the establishment of SH6 as the favoured site.

### Resolution

- a) *That Otago Regional Council enter into discussion with the Central Otago District Council (CODC) and the NZ Transport Agency (NZTA) with an aim to identifying, with acceptance by all parties, the STEDs in the Central Otago district and for the Dunstan Ward councillors to be kept informed as to progress.*

Moved: Cr Laws  
Seconded: Cr Bell  
CARRIED

- b) *This report is received and noted.*

Moved: Cr Woodhead  
Seconded: Cr Hope  
CARRIED

### 11.2. Climate Change Adaptation

The report outlined the recently released government reports on climate change adaption, being the Ministry for Climate Change Issues' *Climate Change Adaptation Stocktake* and the Ministry for the Environment's *Coastal Hazards and Climate Change Guidance for Local Government*. The report noted the relevance to the activities of Council and recommended that the findings of the adaptation stocktake and coastal hazards guidance be noted.

Dr Palmer confirmed the government reports would be provided to councillors once publicly released.

#### **Resolution**

- a) *This report is received;*
- b) *The findings of the Climate Change Adaptation Stocktake undertaken by the Climate Change Adaptation Technical Working Group are noted;*
- c) *The Coastal Hazards and Climate Change Guidance for Local Government is noted.*

Moved: Cr Robertson

Seconded: Cr Hope

CARRIED

*Cr Scott left the meeting at 12:16 pm.*

*Cr Scott returned to the meeting at 12:17 pm.*

*The meeting adjourned at 12:35pm and reconvened at 1:05pm.*

#### **11.3. Managing the use of coal for domestic heating in Otago and New Zealand**

The report outlined the context and issues surrounding the use of coal as a fuel for domestic heating as it relates to air quality.

The report described: the spatial and temporal trends in coal usage across Otago and New Zealand; the nature of coal emissions; the current national and regional regulatory framework that affects coal use for domestic heating, and the effects of eliminating coal use on air quality.

Discussion was held on impacts to air quality in Air Zone 1 townships, and Milton from the burning of coal in domestic burners and possible changes to the Air Plan for consideration to reduce PM<sub>10</sub> pollutants, including the banning the use of coal in domestic burners in AirZone 1.

Ms Mills responded to questions from councillors on the report.

A report was requested to the Policy Committee on the appropriateness and effectiveness of Milton township being included in Air Zone 1 and motion placed as a) of the resolution.

A report was requested to the Regulatory Committee for consideration of compliance effectiveness including enforcement of regulations for Air Zone 1 and motion placed as b) of the resolution.

Ms Winter responded to a question on the timing of the progress and strategic approach of updating of the Regional Plan: Air and its implementation. She advised that the draft Air Strategy has been provided to territorial authorities and key stakeholders for feedback. She confirmed the draft Air Strategy implementation plan has been included in the Long Term Plan (LTP) and that consultation on the draft strategy and implementation plan was also aligned with the Long-Term Plan.

**Resolution**

- a) *Refer a paper to the Policy Committee for consideration for inclusion of Milton township in Air Zone 1.*
- b) *That the matter of the ability to enforce the current Regional Air Plan Air Zone 1 provisions be considered by the Regulatory Committee.*
- c) *That this report be received.*

Moved: Cr Scott  
Seconded: Cr Robertson  
CARRIED

**11.4. Review of surface water State of the Environment monitoring**

The report detailed the NIWA review of surface water for the State of Environment (SoE) monitoring programme, including: river monitoring network design; monitoring variables; lake monitoring; linkages between river and lake monitoring (and other domains), as well as key out-of-stream pressures. The main findings of the NIWA review outlined recommendations for the inform of the 2018-2028 Draft Long Term Plan (LTP).

*Cr Brown left the meeting at 1:38pm.*

Dr Olsen responded to questions from councillors, with discussion held on the key findings of the review and the implementation of NIWA's recommendations for network design, monitoring methods (including lake monitoring).

**Resolution**

*That a paper be received on adding of Lake Dunstan to those lakes monitored by ORC, be made available to the next committee round and include information on hydro lakes monitored in other regions.*

Moved: Cr Laws  
Seconded: Cr Deaker  
CARRIED

**Resolution**

*That a paper be received on ORC's Freshwater Water Quality monitoring with details on the purpose of the monitoring to the 21 March 2018 committee meeting.*

Moved: Cr Scott  
Seconded: Cr Deaker  
CARRIED  
Abstained: Cr Lawton

(The resolution replaced recommendation b) of the tabled report).

**Resolution**

*That this report be noted.*

Moved: Cr Woodhead  
Seconded: Cr Scott  
CARRIED

### **11.5. Review of groundwater information and models**

The report included recommendations for improvements for consideration in the 2018-2028 Draft Long Term Plan (LTP). The ORC commissioned report by Pattle Delamore Partners (PDP) which summarised the results of the review of the Otago Regional Council (ORC) groundwater information, including models as well as data collection programme and the identification of knowledge gaps relating to management of aquifers in the region.

Discussion was held on the priority of monitoring bores at the Glenorchy and Kingston aquifers.

#### **Resolution**

*This report is noted.*

Moved: Cr Woodhead  
Seconded: Cr Bell  
CARRIED

*Cr Laws left the meeting at 02:03 pm and returned at 02:05 pm.*

### **11.6. November 2017 Roxburgh Debris flow**

The report detailed observations, preliminary assessments, initial findings and conclusions made after the 26 November 2017 flood event in the Roxburgh township as a result of an intense thunderstorm. The report also described the alluvial fan hazards for the area, including the historical debris flows and intense rainfall events in 1938, 1978 and the Black Jacks Creek event of 2015.

Dr Palmer responded to a question on the potential impact of grassland development in the area detailed in the report. He advised a report to the 21 March committee round would include implications of vegetative changes on debris flow hazards.

#### **Resolution**

*This report is received and noted.*

Moved: Cr Hope  
Seconded: Cr Bell  
CARRIED

## **12. NOTICES OF MOTION**

No notices of motion were tabled.

## **13. CLOSURE**

The meeting was declared closed at 2:11 pm.



Chairperson