

## MACKENZIE DISTRICT COUNCIL

### MINUTES OF A MEETING OF THE PROJECTS AND STRATEGIES COMMITTEE HELD IN THE COUNCIL CHAMBERS, FAIRLIE, ON TUESDAY 23 APRIL 2013 AT 1: 12PM

#### **PRESENT:**

Graeme Page (Chairman)  
Claire Barlow (Mayor)  
Crs John Bishop  
Annette Money  
Graham Smith  
Evan Williams  
Peter Maxwell

#### **IN ATTENDANCE:**

Bernie Haar (Asset Manager)  
Suzy Ratahi (Manager – Roading) (left Meeting at 1:45pm)  
John O’Connor (Utilities Engineer)  
Angie Taylor (Solid Waste Manager) (left Meeting at 2:37pm)  
Keri-Ann Little (Committee Clerk)

#### **I APOLOGY:**

Resolved: that an apology be received from Councillor Peter Maxwell.

**Mayor Barlow/ John Bishop**

#### **II DECLARATIONS OF INTEREST:**

There were no Declarations of Interest.

#### **III MINUTES:**

Resolved that the Minutes of the meeting of the Projects and Strategies Committee held on 19 March 2013, including such parts as were taken with the Public Excluded, be confirmed and adopted as the correct record of the meeting.

**Evan Williams/ Mayor Barlow**

#### **ACTION POINTS:**

- 1. Lilybank realignment is underway today.*
- 2. There has not been a meeting with residence of the corner of Strathallan and Hamilton Road – updated in The Roading Manager’s report.*

#### IV **REPORTS:**

##### 1. ASSET MANAGER'S MONTHLY REPORT:

This report from the Asset Manager referred to Asset Management – Project Progress – Roading, Essential Services and Solid Waste.

Resolved that the report be received.

**Claire Barlow/ Evan Williams**

##### **Solid Waste:**

Angie Taylor, Solid Waste Manager spoke to her report.

##### *Solid Waste sub-committee meeting:*

A sub-committee meeting was held on Thursday 4th April 2013. Follows is a brief outline of the issues discussed:

##### Operational update from ESL:

- Noted that an excellent safety record has been held since the start of the contract.
- Kerbside collection generally working well.
- RRP's have been cleaned up, currently a good team of staff and good staff retention.
- Still a high level of contamination in recycling – work on kerbside bin auditing to be discussed between Council and ESL
- ESL is investigating an upgrade of the recycling line.
- ESL is considering installing a weigh bridge for the Twizel RRP and will provide a proposal.

##### **Roading:**

The Roading Manager spoke to her report.

##### *Financial Assistance Rate (FAR) Review:*

The Roading Manager spoke to her report accompanied with a draft submission document for Mackenzie District Council regarding the Financial Assistance Rate. The Roading Manager requested a group of Elected Members who can meet with Council Staff to discuss contents of The Council's written submission prior to lodgement on Friday 3<sup>rd</sup> of May. Meeting date would be Wednesday 1<sup>st</sup> of May. Meeting is set for 9am on Wednesday 1<sup>st</sup> of May - Cr Page, Mayor Barlow, Cr Smith and Cr Williams will attend the meeting with Council Staff scheduled above.

##### *Strathallan Road Dust Complaint:*

The Roading Manager requested a meeting with the Boulton's and The Roading Committee be arranged to discuss the issues involved with the dust problem on the corner of Strathallan and Hamilton Road's.

*Braemar Road:*

The Roding Manager reported that the Braemar Road has been hit hard by logging and rock carting operations; this has had a flow on effect on Mount Cook Station Road and Hayman Road respectively. The Roding Manager was happy to report logging operations has now been completed for the season. The repairs to Lake Pukaki Shoreline has ceased for the next 18 months.

**Utilities Operation and Maintenance Report to 31 March 2013.***Twizel Water Supply:*

Operation and Maintenance expenditure is \$28,700 over YTD budget. Most of the over-expenditure is due to repairs/replacement of the secondary pumps. The pumps are past their economic life. We are currently investigating the installation of pressure release valves to reduce water hammer when pumps are cutting in and put. This was successful on the swimming pool pump.

The number of service connection renewals is greater than anticipated. Expenditure to date is \$7,200 over YTD budget.

*Twizel Water Supply New Source Investigations:*

Two 150 mm diameter exploratory bores were sunk in the Ben Ohau Station Homestead area to ascertain if a full investigation is warranted at one or other of the sites.

**Site 3**

This bore is in "Alluvium in active river bed" beside the Fraser Stream. The alluvium material is entrenched in the Mt John glacial outwash.

The bore log indicates that the alluvium material is 29.4 m deep, which is deeper than I expected. The water quality is good; however the quantity of water is insufficient. At a flow of 16 l/sec, the drawdown was 10.88m.

**Site 4**

This bore is in the Mt John outwash plain, which is the most recent glacial outwash and the one most likely to yield water. It is in a low area at the junction of the fans from Lake Ohau and Ben Ohau Range directions.

The bore was drilled to 70.8 m deep, where the material changed from sandy gravels to sand. At a pumping rate of 12 l/sec from this depth the drawdown was 21.0 m. The screen was in the sandy gravel which appeared to restrict the flow.

The casing and screen were then pulled up so that the bottom of the screen was at 63.82 m depth. This was in the area of large rounded gravels. When pumped at 23 l/sec from this level (which was at the pump capacity), the drawdown was 3.77 m. There could be sufficient quantity of water at this site.

However, the water has high levels of iron and manganese which would require considerable treatment.

We have gained significant additional information on the groundwater in the area, but we have not found an obvious source which we could pump from to a reservoir that would then supply Twizel by gravity.

Opus International Consultants recommend the following work:-

1. Water levels in the exiting Twizel wells during past high demand durations be checked to ensure that the additional water take can be met from the existing wellfield.
2. Design of water treatment for the existing Twizel water source be commenced.
3. A pilot treatment plant treating for iron and manganese removal be operated on the water from the bore at Site 4.
4. Updated cost estimates be prepared for:
  - a) Supply from existing Twizel water source, with treatment and pumped from distribution for existing and future water supply needs.
  - b) Supply from Ben Ohau Station water source, with treatment and gravity distribution for existing and future water supply needs.
  - c) Twizel water source/treatment/pumped distribution for existing Twizel Township and Ben Ohau Station water source/treatment/gravity distribution for future developed areas of Twizel.

1. TRANSPORTATION ACTIVITY MANAGEMENT PLAN:

To provide and adopt the Transportation Activity Management Plan as the framework for the 2012 to 2022 LTP.

Resolved that the report be received.

**Annette Money/ Evan Williams**

Mr Haar, Asset Manager spoke to the report.

Resolved:

2. That the Transportation Activity Management Plan be adopted as policy for the future direction of that activity.

**Graham Smith/ Mayor Barlow**

2. WATER SUPPLY ACTIVITY MANAGEMENT PLAN:

To provide and adopt the Water Supply Activity Management Plan as the framework for the 2012 to 2022 LTP.

Resolved that the report be received.

**John Bishop/ Mayor Barlow**

Resolved:

1. The Council are committed to investigating the cost of providing a water scheme for Manuka Terrace once costs are known then going back to the affected Community for consultation.

**Graham Smith/ Mayor Barlow**

Resolved:

2. That the Water Supply Activity Management Plan be adopted as policy for the future direction of that activity.

**Graham Smith/ Evan Williams**

**THERE BEING NO FURTHER BUSINESS THE CHAIRMAN DECLARED THE MEETING CLOSED AT 2:01 PM**

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**CHAIRMAN**

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**DATE**