

**Date:** Thursday 17 April 2025  
**Time:** 9.30 am  
**Meeting Room:** Tasman Council Chamber  
**Venue:** 189 Queen Street, Richmond

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## Operations Committee

### Komiti Mahi

## MINUTES ATTACHMENTS

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ROC25-04-1 David Ogilvie - Motueka Stormwater	
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PUBLIC FORUM: Council provides the opportunity for public forum input at its ordinary meetings. The views and opinions expressed in public forum do not necessarily reflect the position of the Tasman District Council, Council officers or elected members

MOTUEKA STORM WATER RISK MANAGEMENT Suggestions

A. None of the Motueka Drains reach a 10% AEP rating, i.e 1 in 10 year level of protection. (Borck Creek is leading to a 100% AEP, i.e. 1 in 100 year protection)

B. Development Contributions. For Motueka this is at \$4,000 but for the Richmond U.D.A. it is \$20,000----why?

C. Possible Works

1. Operational Repair and Maintenance—annually

These are street locations where surface flooding occurs with a standard 24 hour 70mm rain event. Drain inspections needed, perhaps with widening the drain, as happened with the Clay St drains.

--8 Inglis St.

--Pethybridge St.—North end and intersection with Clay St

--24 Ledger Ave.

--Corner of Krammer St and Wilson Crescent.

--54-55 Glenaven Drive.

--Everett St/North St intersection

2. Capital Works

--Thorp Drain. At Tudor St., where the Drain becomes an "Open" drain, a Water-Pump is required to accelerate the flow along the Drain to the Motueka Estuary. This would relieve the pressure on the up-stream areas serviced by that Drain.

--Thorp Drain. At Old Wharf Road, where the Drain empties into the Motueka Estuary, replace the existing heavy, flap gate with an electronic gate (similar to the nearby gate at the Woodland Drain.)

--Woodlands Drain. With the storm water from Motueka West being discharged into this Drain, it needs to be dredged of all sediment, weed growth, and materials built up since it's construction in the 1990s

--Woodlands Drain. The impact of the Motueka West storm water impact may require a Water Pump also.

--On-site, or Self-Management of Storm Water. An increasing practice is for the property owner to install a 3,000 litre "first flush" rain water tank to effectively delay discharge until the rain eases.

Would the Council "subsidise" the cost of this small tank of the property owner?

--Streets. Lessen the "hard" surface areas with narrow streets, footpaths on one side only, wide grassed berms for trees on the other side.

D. Conclusion

For the most part, Motueka has escaped the worst of heavy rain storms of recent years which have hit the Region:-

---April 2013 in Richmond /Stoke esp. Queen St. Richmond

---Feb 2018 ex cyclone Gita

---July 2022 in Nelson/Richmond Hills

---August 2022 in Nelson City State of Emergency

---June 2024 Nelson/Richmond/ Motueka

These events have had 100 mm rain fall in 24 hour period, with different levels of intensity. In Motueka, surface flooding on many locations has eased within 12 -24 hours. (These locations are noted above in C—1.)

That there are a number of storm water discharge points in Motueka is helping off-set heavy rain events. And importantly, the seepage/infiltration benefits of the alluvial, and sandy soils are a positive feature.

Motueka's distance from the shadow of the Mt.Arthur/Kahurangi Ranges may be a geographical factor in its "avoidance" of the heaviest rain event.

Or it simply might be that the Motueka town has been lucky---so far!

David Ogilvie  
17/4/2025