

**BEFORE COMMISSIONERS APPOINTED ON
BEHALF OF OTAGO REGIONAL COUNCIL**

RM20.003.01 and
RM20.005.01

IN THE MATTER

of an application for
resource consent

**ROCKBURN WINES
LIMITED**

Applicant

**BRIEF OF EVIDENCE OF BRETT IVAN DUFFY ON BEHALF OF
ROCKBURN WINES LTD**

**GALLAWAY COOK ALLAN
LAWYERS
DUNEDIN**

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BRIEF OF EVIDENCE OF BRETT IVAN DUFFY

Introduction

1. My name is Brett Ivan Duffy. I am Vineyard Manager of Rockburn Wines Ltd (Rockburn). Rockburn owns land that is to be irrigated by water applied for under RM20.007.01, 02.
2. Rockburn Wine Ltd is a medium size Central Otago wine company. The Company owns 30 hectares of vineyards. Approximately 24ha are in the Cromwell basin with the balance in Gibbston Valley.
3. We also have contract growers with approximately 28 hectares of vines.
4. Overall, we produce and process between 350 - 450 ton per vintage.

CURRENT TAKE ARRANGEMENTS

5. Rockburn take water from the Parkburn Stream and its tributary pursuant to 98526. The takes are feed into a water race, which runs through two properties Mark II Ltd and Margthea Wine Company Ltd then into a storage dam on Rockburn's vineyard.
6. We also have a share in permit 95789.
7. We currently irrigate approximately 24 hectares of grapevines. Planting began in 1999 and was completed over 3 years. My company Shamrock Ltd planted these vines and have managed them ever since. The grapevines are watered via lateral irrigation pipes with drippers or inline drippers. The dripper lines are moved away from vines as they get older to help the spreading of roots. This allows us to use less water as there is a greater root development

SYSTEM MAINTENANCE AND PROPOSED UPGRADE PLANS

8. Every regularly need to empty the dam and remove excess silt which builds up. The silt gives us less capacity in the dam. This year we removed ten truck loads, so it can be significant.

9. If the renewal permits are granted we are proposing to enlarge the dam to hold more water to get us through dry periods. We also want to pipe 90m of the water race to eliminate leakage and reduce evapotranspiration which will cost us a bit over \$5000.
10. We have been replanting the vineyard over the last 8 years and replacing the irrigation dripper lines with a more efficient dripper system as we do this. 14 hectares have been replanted to date at a cost of \$80,000 per hectare. This process is on-going with a further 2.9 hectares being replaced this year.
11. We also have some new plantings that we want to complete equating to about 2.5 hectares.
12. The new vines take 5 -6 years to get to full production. The vines can be productive for 80 to 100 years if not longer.

Brett Duffy

Rockburn Wines Limited

23 August 2020