

2 April 2014

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Manuherikia Catchment Water Strategy Group C/- Kate Scott BTW South Limited P O Box 302 Cromwell 9342

MANUHERIKIA FEASIBILITY STUDY – CONSENT REVIEW – CURRENT RESOURCE CONSENTS

Dear Kate

The Manuherikia Catchment Water Strategy Group (MCWSG) is currently undertaking a feasibility level study of the Manuherikia catchment to provide water storage and distribution for irrigation. In October 2013 a group led by Golder Associates (NZ) Limited (Golder) was commissioned to undertake the following four components of the feasibility study:

- 1) Geotechnical and engineering;
- 2) Environmental investigations;
- 3) Land tenure, water allocation, planning and Resource Management Act (RMA) issues; and
- 4) Economic and commercial investigations, scheme ownership and management models

Aqualinc Research Limited (Aqualinc) who led the earlier pre-feasibility assessments was commissioned to undertake the hydrological component of the feasibility study. During the prefeasibility investigations Aqualinc assessed consented water takes for the purpose of irrigation and found that a total of 27.7 m³/s (980 heads¹) is consented in the Manuherikia catchment. The majority (77.6 % on a volume basis) of which is authorised via deemed permits (or mining privileges). Together the six irrigation schemes in the catchment (Blackstone, Galloway, Hawkdun Idaburn, Ida Valley, Manuherikia and Omakau) have entitlement to 68.7 % (on a volume basis) of the available water allocation in the catchment (Aqualinc 2012a)².

To assess the implications of potential development scenarios it is necessary to understand current allocation and current water use within the catchment. There are three components to this work:

- 1) A review of the statutory plans to determine if there are any allocation limits that apply to the catchment. This was completed and documented in Golder (2014)³.
- 2) A review of the current resource consents, including deemed permits which within this review are considered to be included in the analysis of resource consents, that authorise the take and use of water in the catchment. The review will be undertaken in two stages. Stage 1 will focus on the larger issues of volume, location, expiry date and what the water is used for. This letter⁴ documents the findings of



¹ 1 head = 1 cusec = 28.32 L/s.

² Aqualinc, 2012a. Manuherikia Catchment Study: Stage 2 (Hydrology). Report numbered C12040/2 prepared by Aqualinc Research Limited for MCWSG dated 22 September 2012.
³ Golder, 2014. MCWSG Feasibility Study – Resource Management Act 1991 and Statutory Planning Considerations. Prepared by Golder Associates (NZ) Limited for MCWSG, January 2014.

⁴ This letter is provided subject to the attached Report Limitations.

Stage 1. Stage 2 will investigate the consent conditions and particularly minimum flow, efficient water use and fish passage type conditions.

3) An assessment of actual water use (via resource consents, deemed permits and permitted activities) in the catchment. The prefeasibility investigations, particularly those carried out by Aqualinc (2012a), estimated water use through discussions with the various scheme managers. As part of the feasibility assessment estimated actual use will be further assessed, particularly for the private water users.

In completing the above work Golder is working with the Otago Regional Council (ORC) to ensure that a common data set of existing resource consents is analysed and there is agreement on current allocation within the catchment. To that end this draft letter and analysis will be forwarded to ORC for comment and review prior to being finalised and incorporated into the feasibility reports.

Data Sources

The ORC has a resource consent database which covers the region and contains details of all the resource consents that have been issued. ORC supplied Golder with two separate blocks of data which were derived from querying the database from both a water use and resource consent perspective.

Consent data was received in three spreadsheets⁵ on 15 November 2013 from Peter Christophers of ORC. Water take and use data was received in a zip file on 22 January 2014 from Andrew MacKay of ORC.

As part of the pre-feasibility investigations, Aqualinc (2012a) estimated the volume of water authorised to be taken and used within the catchment. Golder has requested details from the prefeasibility investigations, but at the time of preparing this letter this information has not been received.

Methodology

To create a combined data set for subsequent analysis, Golder inputted the two data sets supplied by ORC into a GIS database and then merged them using the consent number which was a variable common to both data sets. The combined data set was subsequently analysed in GIS and summary tables and maps produced. The analysis involved categorising and assessing the resource consents according to the following variables:

- Location, particularly the following nine sub-catchments which are related to those used by Aqualinc (2012b and 2013)⁶ in the Manuherikia Valley Hydrological Model. They are:
 - Above Falls Dam
 - Dunstan Creek
 - Ida Burn (includes takes from the Mt Ida Race)
 - Pool Burn (includes the Manorburn reservoir take)
 - Lauder Creek
 - Thomsons Creek
 - Upper tributaries (covers the main stem of the Manuherikia River and all tributaries between Falls Dam and Ophir which are not already included in above sub-catchments)
 - Lower tributaries (covers the main stem of the Manuherikia River and all tributaries between Ophir and the Campground monitoring site at Alexandra)
 - Below Campground (covers the main stem of the Manuherikia River and all tributaries below the Campground monitoring site at Alexandra, and Waikerikeri Creek⁷)
- Activity (i.e., irrigation, community water supply)

Aqualinc 2013. Manuherikia Valley Hydrology: 2013 update. Report numbered C14000/1 prepared by Aqualinc Research Limited for MCWSG, dated 17 September 2013. ⁷ Dairy Creek is included in the Waikerikeri Creek catchment.



⁵ ManuherikiaWaterTakeConsents.xls, ManuherikiaDamDivertConsents.xls and ManuherikiaContaminatedSites.xls

⁶ Aqualinc 2012b. Manuherikia Valley: Detailed Hydrology. Report numbered C12040/3 prepared by Aqualinc Research Limited for MCWSG, dated 22 September 2012.

- Allocation (i.e., primary or secondary as assessed by ORC)
- Consent holder (i.e., an irrigation company or private user)
- Size (i.e., consented rate of take)
- Expiry date

This approach does not assess individual resource consents, but instead looks at the group of resource consents as a whole. Particularly large water takes and resource consents for an unusual activity or which identify an unusual feature are to be investigated further during Stage 2 of the consent review.

Findings

A series of figures (attached) illustrate the sub-catchment delineation, and consented water takes according to the maximum rate of take, water use and the ORC allocation classification. Table 1 (attached) summarises the volume and number of consented takes in the Manuherikia catchment on a sub-catchment basis. Table 1 indicates:

- There are 279 current resource consents to take water within the Manuherikia Catchment (including the Waikerikeri Creek catchment), of which 236 are for surface water and 43 are for groundwater.
- Of the 236 current resource consents to take surface water in the Manuherikia Catchment, information on the maximum rate is available for 220 resource consents. The maximum rate of take associated with the remaining 16 resource consents will be investigated during Stage 2 of the consent review. Two of the 16 resource consents relate to very large takes. One (RMA13.059.01) is related to the operation of the Mt Ida Race and the other (RMA2002.725.V1) is a take from Lake Dunstan (Dairy Creek) held by the Manuherikia Irrigation Scheme which has not been exercised. Golder understands that these two resource consents authorises a maximum take of 1.92 m³/s (RMA13.059.01) and 4.53 m³/s (RMA2002.725.V1) respectively.
- The 220 current resource consents to take surface water in the Manuherikia Catchment, which have maximum rate of take information, together with resource consents RMA13.059.01 and RMA2002.725.V1, authorise a maximum abstraction of approximately 41.7 m³/s. Of which 4.0 m³/s is the non-consumptive hydro-electric take from Falls Dam, approximately 4.5 m³/s represents re-takes associated with operation of the Poolburn and Manorburn reservoirs, approximately 1.1 m³/s represents re-takes associated with operation of the Mt Ida Race, a further approximately 2.6 m³/s is classified as re-takes associated with operation of various other water races and approximately 4.5 m³/s is a take from Lake Dunstan (Dairy Creek) which has not been exercised.

Allowing for the above, the total consumptive surface water take for all takes (not just irrigation) from the Manuherikia catchment is estimated to be 24.3 m³/s. This is 3.4 m³/s (or 12 %) less than the 27.7 m³/s estimated for irrigation purposes in Aqualinc (2012a). Golder is awaiting information from the pre-feasibility investigations and has not been able to assess the reasons for the difference. However, our assessment includes all surface water takes irrespective of what the water is used for, but excludes groundwater takes, re-takes of surface water and 14 resource consents where the maximum rate of take is unknown.

- The Lower tributaries sub-catchment supports the greatest volume (approximately 6.6 m³/s) and number (55) of consumptive surface water takes. Most of the consented allocation is associated with the Manuherikia Irrigation Scheme (3.5 m³/s), other takes from the Chatto Creek catchment (1.3 m³/s) and the Galloway Irrigation Scheme (0.7 m³/s).
- The Pool Burn (including the Manorburn reservoir) sub-catchment supplies the second greatest take volume (approximately 6.3 m³/s), via 36 consented consumptive surface water takes. Most of the consented allocation is associated with the Ida Valley Irrigation Scheme (5.3 m³/s).



- Water takes for the primary purpose of irrigation constitute 99 % (24.1 m³/s) of the consented consumptive surface water take volume in the Manuherikia catchment.
- The Ida Burn, Dunstan Creek, Pool Burn, Thomsons Creek and Lower Tributaries sub-catchments all supply in excess of 99.5 % of their consented water take volume to irrigation activities.
- The 43 current resource consents to take groundwater are predominantly clustered around Alexandra and particularly in the Waikerikeri Creek catchment. Of the 43 resource consents, information on the maximum rate of take is available for 21 resource consents. Together these 21 resource consents authorise a maximum abstraction of 663.5 L/s, although 600 L/s of this is associated with the flood protection scheme around Alexandra and is not considered a consumptive use. The maximum rate of take associated with the remaining 22 resource consents will be investigated during Stage 2 of the consent review. However, Golder expects total consented groundwater abstraction for consumptive uses in the Manuherikia catchment to be in the order of 100 L/s.
- There are a further 24 resource consents to take water in the potential command area of the proposed Mt Ida Dam, which lie in the Taieri Catchment. All 24 resource consents are for surface water takes, none of which have information on the maximum rate of take. These resource consents will not be investigated as part of the feasibility study.

Expiry of the approvals to take water was also assessed. In summary, of the 279 current resource consents to take water within the Manuherikia Catchment:

- 38 resource consents authorising at total maximum take of approximately 0.9 m³/s are due to expire prior to 2021.
- 162 resource consents (58 % by number) authorising at total maximum take of approximately 27.0 m³/s (65 % by volume) are due to expire in 2021 (predominantly mining privileges / deemed permits which expire on 1 October 2021).
- The remaining 79 resource consents authorising at total maximum take of approximately 13.8 m³/s are due to expire after 2021, with the latest resource consent expiry in 2047.

Table 2 (attached) summarises the volume and number of consented water takes in the Manuherikia catchment on a consent holder basis. Table 2 indicates:

- The six irrigation companies hold 68 %, by volume (16.5 m³/s), of the estimated total consumptive surface water take from the Manuherikia catchment.
- Of the 24.3 m³/s estimated total consented consumptive surface water takes, 19.3 m³/s (79 %) is authorised by deemed permits which expire in 2021.
- All the irrigation companies (with the exception of Hawkdun Idaburn) water takes are authorised by deemed permits.

Table 3 (attached) provides a list of the 279 resource consents to take water within the Manuherikia Catchment (including the Waikerikeri Creek catchment).

Next Steps

Following approval by the MCWSG, this letter and the underlying analysis will be forward to ORC for comment and review. Once agreement has been reached with ORC on current allocation within the Manuherikia Catchment, Stage 2 of the consent review will be undertaken.

Closing Remarks

We trust this letter summarises the current authorised water takes relevant to the Manuherikia Catchment water strategy. Once this letter is finalised its contents will form part of the feasibility report covering



resource consents and water allocation. If you wish to discuss the above please contact Ian Lloyd (illoyd@golder.co.nz or telephone 03 377 5696).

Yours sincerely

GOLDER ASSOCIATES (NZ) LIMITED

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Sophie South Water Management Engineer Ian Lloyd Senior Water Resource Engineer

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Attachments:

Report Limitations

Figure 1: Manuherikia Catchment — Resource consents, including deemed permits, to take water – maximum rate of take.

Figure 2: Manuherikia Catchment - Resource consents, including deemed permits, to take water - water use.

Figure 3: Manuherikia Catchment - Resource consents, including deemed permits, to take water - allocation classification.

Table 1: Existing surface water and groundwater takes in the Manuherikia catchment; per sub-catchment.

Table 2: Existing surface water and groundwater takes in the Manuherikia catchment; per consent holder.

Table 3: List of existing surface water and groundwater takes in the Manuherikia catchment.

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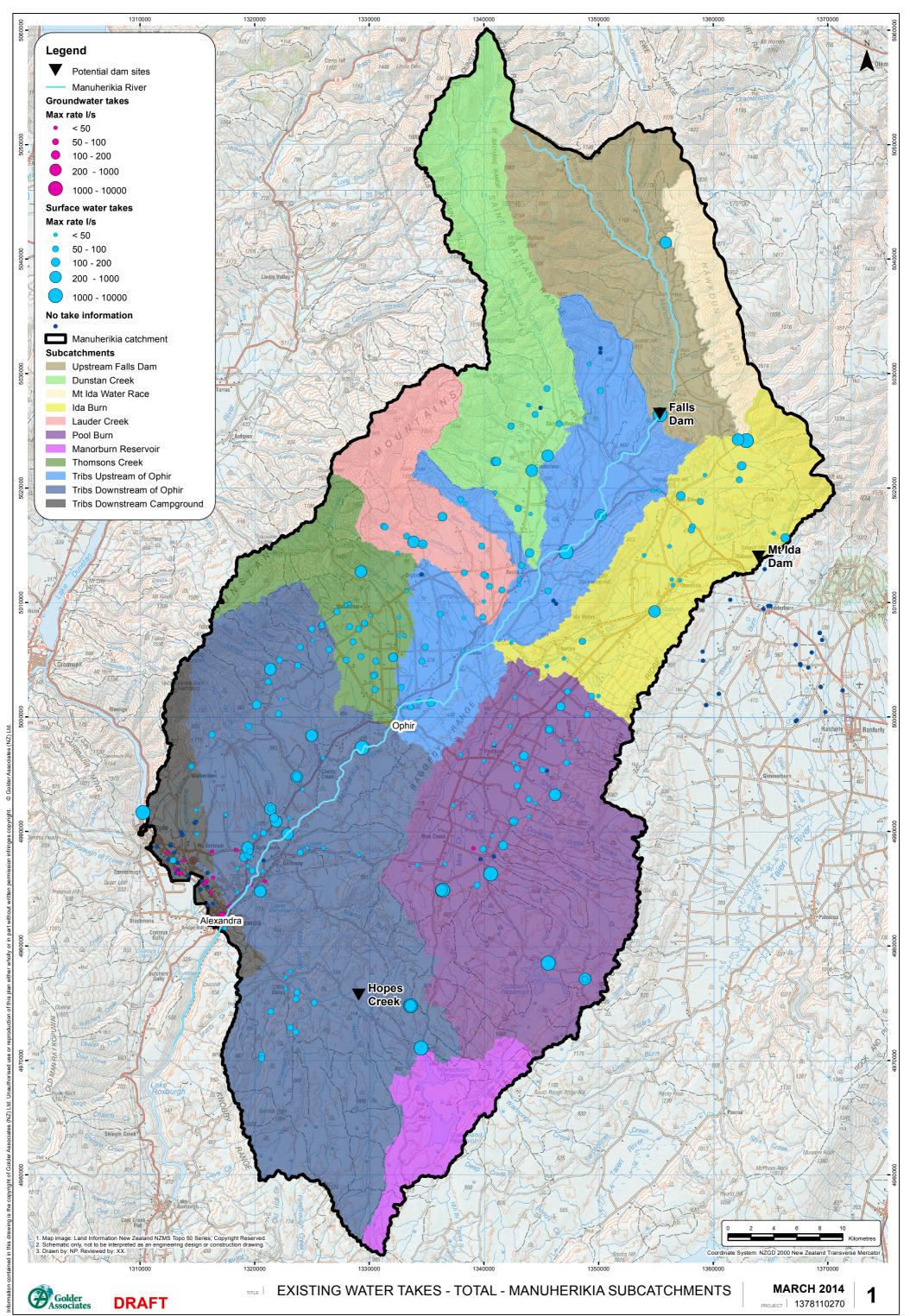


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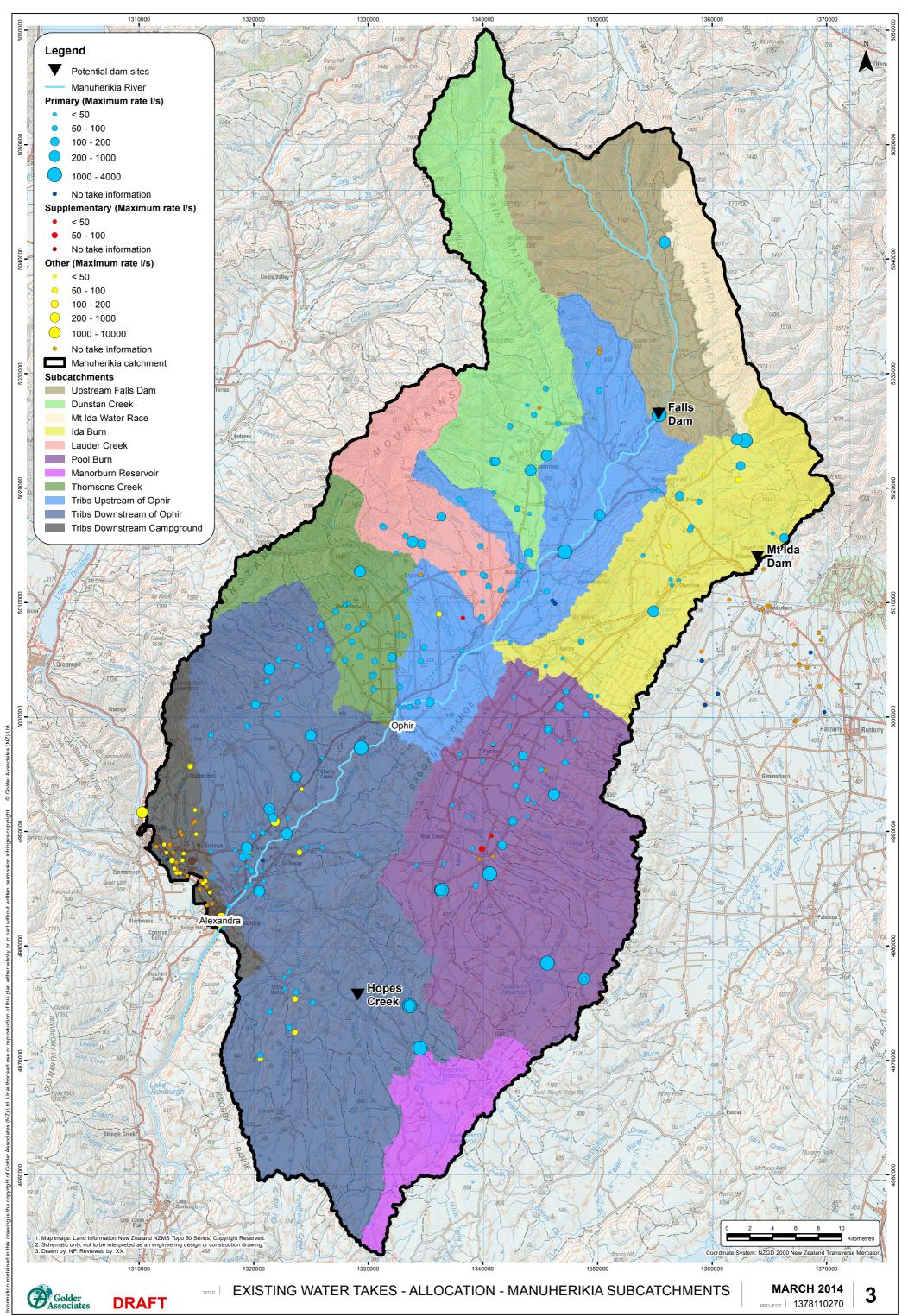
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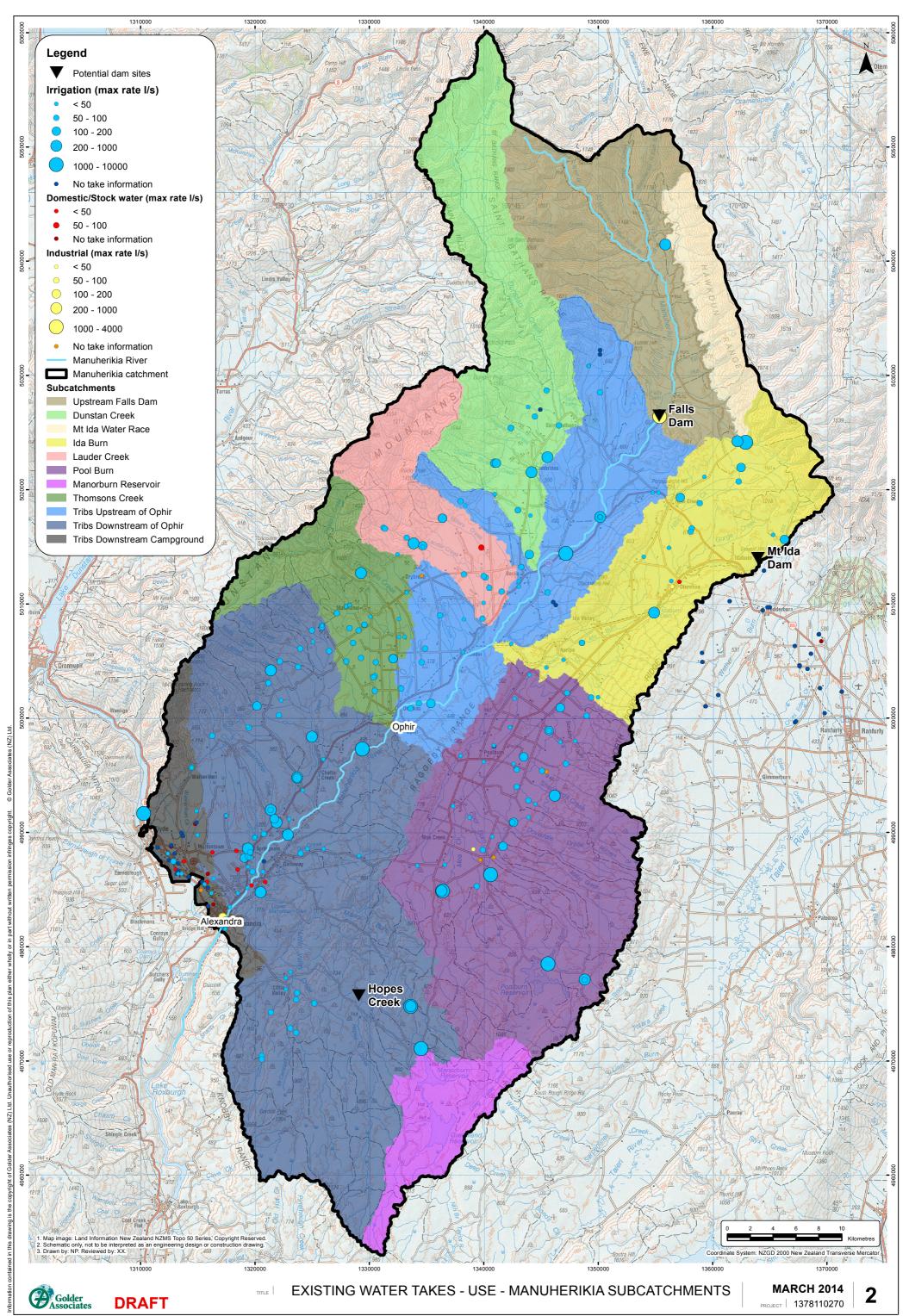




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			Irri	gation		Community/Domestic Supply					Industry			
Sub-catchment		Total	P	rimary	Sec	Secondary ¹		nary	Seco	ndary ¹	Primary		Secondary ¹	
	No.	L/s	No.	L/s	No.	L/s	No.	L/s	No.	L/s	No.	L/s	No.	L/s
Above Falls Dam	1	4,000 ²									1	4,000 ²		
Dunstan Creek	16	1,654	15	1,654	(1)	(-)								
Ida Burn ³	25	4,053 ⁴	20	3,916 ⁵	(3)	(127 ⁶)	1	5			1	5		
Pool Burn ⁷	49	11,547 ⁸	41	11,425 ⁸	3 (1)	112 (-)					1	10	(3)	(-)
Upper tributaries	32	3,588 ⁹	21	3,359 ¹⁰	1 (5)	40 (84)	3 ¹¹	105			1 ¹²	-	(1)	(-)
Lauder Creek	17	1,503	16	1,447		[1	56						
Thomsons Creek	25	1,618 ¹³	25	1,618 ¹³		[
Lower tributaries	72	8,344 ¹⁴	58	7,686 ¹⁵	(8)	(645 ¹⁶)	5	12	(1)	(-)				
Below Campground	42	5388 ¹⁷	4	41	(26)	(4,735 ¹⁸)			(7)	(11)			(5)	(601 ¹⁹)
Total	279	41,694	200	31,146	48	5,743	10	178	8	11	4	4,015	9	601
Total consumptive takes	242	24,357	174	23,306	43	888	9	136	8	11	2	15	6	1

Table 1: Existing surface water and groundwater takes in the Manuherikia catchment; per sub-catchment.

Notes: 'No.' refers to the total number of resource consents within the sub-catchment.

'L/s' refers to the total maximum allocated flow in L/s, rounded to nearest L/s. Some takes do not have volume information; these will be investigated further during Stage 2 of the consent review.

¹ Includes takes classified as "supplementary allocation" or are unclassified. The unclassified takes are shown in brackets and will be investigated further during Stage 2 of the consent review.

² Represents the non-consumptive hydro-electric take from Falls Dam. During the irrigation season most of this water is reused for downstream irrigation and not included in the consumptive total. ³ The Ida Burn sub-catchment includes the Mt Ida Race.

⁴ Includes 1,119 L/s (9 resource consents) which is considered a re-take and not included in the consumptive total.

⁵ Includes 1,105 L/s (8 resource consents) which is considered a re-take and not included in the consumptive total.

⁶ Includes 14 L/s (1 resource consent) which is considered a re-take and not included in the consumptive total.

⁷ The Pool Burn sub-catchment includes the Ida Valley Irrigation Scheme takes from the Manorburn Reservoir and Manor Burn.

⁸ Includes 5,236 L/s (9 resource consents) which is considered a re-take and not included in the consumptive total.

⁹ Includes 70 L/s (3 resource consents) which is considered a re-take and not included in the consumptive total.

¹⁰ Includes 28 L/s (1 resource consent) which is considered a re-take and not included in the consumptive total.

¹¹ Includes 42 L/s (1 resource consent) which is considered a re-take and not included in the consumptive total.

¹² The resource consent has no maximum rate and considered a re-take and not included in the consumptive total.

¹³ Includes 56 L/s (1 resource consent) which is considered a re-take and not included in the consumptive total.

¹⁴ Includes 1,726 L/s (10 resource consents) which is considered a re-take and not included in the consumptive total.

¹⁵ Includes 1,415 L/s (7 resource consents) which is considered a re-take and not included in the consumptive total.

¹⁶ Includes 311 L/s (3 resource consents) which is considered a re-take and not included in the consumptive total.

¹⁷ Includes 600 L/s (3 resource consents) of groundwater which is associated with the flood protection scheme around Alexandra and 4,530 L/s (1 consent) from Lake Dunstan which has not been exercised none of which are included in the consumptive total.

¹⁸ Includes 4,530 L/s (1 consent) from Lake Dunstan which has not been exercised and is not included in the consumptive total.

¹⁹ Includes 600 L/s (3 resource consents) of groundwater which is associated with the flood protection scheme around Alexandra and is not included in the consumptive total.



Holder	Total		Deemed	Permits ¹	Main sub-catchment(s)
	No.	L/s	No.	L/s	
Private	203 ²	12,585 ³	89	5,543 ⁴	-
Blackstone Irrigation Scheme	3	536	2	508	Upper Tributaries
Galloway Irrigation Scheme	3	730	3	730	Lower Tributaries
Hawkdun Idaburn Irrigation Scheme	17 ⁵	3,714 ⁶	-	-	Ida Burn
Ida Valley Irrigation Scheme	21	10,570 ⁷	21	10,570 ⁷	Pool Burn
Manuherikia Irrigation Scheme	17	9,708 ⁸	16	5,178 ⁸	Lower Tributaries
Omakau Irrigation Scheme	15	3,850 ⁹	15	3,850 ⁹	Upper Tributaries, Dunstan Creek, Lauder Creek, Thomsons Creek
Total	279	41,694	146	26,379	
Total consumptive takes	242	24,357	124	19,334	

Table 2: Existing surface water and groundwater takes in the Manuherikia catchment; per consent holder.

Notes: ¹ Assumed to be all resource consents that expire on 10 January 2021.

² An additional 13 takes are located in Taieri catchment within the potential command area of the proposed Mt Ida Dam.

³ Includes the 4,000 L/s non-consumptive hydro- electric take from Falls Dam, 600 L/s (3 consents) of groundwater which is associated with the flood protection scheme around Alexandra and 154

L/s (4 resource consents) which is considered a re-take, all of which are not included in the consumptive total.

⁴ Includes 112 L/s (3 resource consents) which is considered a re-take and not included in the consumptive total.

⁵ An additional 11 takes are located in Taieri catchment within the potential command area of the proposed Mt Ida Dam.

⁶ Includes 1,119 L/s (9 resource consents) which is considered a re-take and not included in the consumptive total.

⁷ Includes 5,236 L/s (9 resource consents) which is considered a re-take and not included in the total. Most of which is associated with operation of the Poolburn and Manorburn reservoirs.

⁸ Includes 6,228 L/s (9 resource consents) which is considered a re-take or a take from Lake Dunstan which has not been exercised neither of which are included in the consumptive total.

⁹ Includes two resource consents with no maximum rate attached which are considered re-takes and are not included in the consumptive total.



Table 3: List of existing surface water and groundwater takes in the Manuherikia catchment.

Consent Holder	Consent Number	Activity	Max Rate (L/s)	Max Daily Volume (m3)	Max Annual Volume (m3)	ORC Allocation category	Sub-catchment ¹	Consumptive Yes/No ²	Expiry Date	Туре
Alan Russell Williamson and Annette Elizabeth Williamson	RM11.198.01	Irrigation	0	0	0		Pool Burn	Yes	08/01/2046	RMA
Alan Russell Williamson and Annette Elizabeth Williamson	RM11.279.01	Irrigation	0	0	0	Supple- mentary	Pool Burn	Yes	01/23/2047	RMA
Alan William Gillespie, Janice Ann Gillespie and Iain Grant Fyfe	2009.432.V1	Irrigation , Single Household/Stockwater	56	4800	572500	Primary	Tribs Upstream of Ophir	Yes	10/01/2026	RMA
Alistair Eckhoff	RM12.126.01	Irrigation, Dairy Shed/Stockwater	22	0	36263	Supple- mentary	Pool Burn	Yes	12/07/2022	RMA
Almondell Farms Limited	95A04	Irrigation	49	0	0	Block 1 Primary	Pool Burn	Yes	10/01/2021	Deemed
Armstrong N A Armstrong G L Armstrong W M	98358	Irrigation , Single Household/Stockwater	7	0	0	Primary	Pool Burn	Yes	08/06/2028	RMA
Armstrong N A Armstrong G L Armstrong W M	98360	Irrigation , Single Household/Stockwater	7	0	0	Primary	Pool Burn	Yes	08/06/2028	RMA
Armstrong W A Armstrong J B Armstrong J W A	WR2212N	Irrigation	56	4800	1752000	Primary	Lauder Creek	Yes	10/01/2021	Deemed
Barry John Drake	2002.681.V1	Irrigation	28	2420	0	Primary	Tribs Downstream of Ophir	No	10/01/2021	Deemed
Beckers Transport Limited	2010.150.V1	Commercial/Industrial	5	144	8640	Primary	Ida Burn	Yes	12/01/2037	RMA
Bernard William Kane, Mary Yvonne Kane and Practice Management Tr	2002.408	Irrigation	56	4800	0	Primary	Tribs Upstream of Ophir	Yes	02/01/2023	RMA
Blackstone Irrigation Company Limited	2000.516.V1	Irrigation , Single Household/Stockwater,	438	0	0	Primary	Tribs Upstream of Ophir	Yes	10/01/2021	Deemed
Blackstone Irrigation Company Limited	2000.517.V1	Irrigation , Single Household/Stockwater, Amenity/Environment Enhancement	70	6048	0	Primary	Tribs Upstream of Ophir	Yes	10/01/2021	Deemed
Blackstone Irrigation Company Limited	RM12.410.01	Irrigation	28	0	0		Tribs Upstream of Ophir	Yes	06/02/2015	RMA
Brian Kitchener Thurlow, Lynne Mary Thurlow and Cook Allan Gibson	95371	Irrigation	28	0	0	Primary	Ida Burn	Yes	10/01/2021	Deemed
Brian Michael Smith, Karen Kelsey Smith and MacDonald and Associa	2001.773	Irrigation , Single Household/Stockwater	31	0	0	Primary	Thomsons Creek	Yes	10/01/2021	Deemed
Brian Michael Smith, Karen Kelsey Smith and MacDonald and Associa	2001.774	Irrigation	2	200	45000	Primary	Thomsons Creek	Yes	03/15/2019	RMA
Brian Michael Smith, Karen Kelsey Smith and MacDonald and Associa	95892	Irrigation , Single Household/Stockwater	31	0	0	Primary	Thomsons Creek	Yes	10/01/2021	Deemed
Brian Michael Smith, Karen Kelsey Smith and MacDonald and Associa	99468	Irrigation , Single Household/Stockwater	31	0	0	Primary	Thomsons Creek	Yes	10/01/2021	Deemed
Brian Richard Brown and Glenda Joy Brown	2003.370.V1	Irrigation , Single Household/Stockwater	13	1100	54000	Primary	Tribs Downstream of Ophir	Yes	03/02/2014	RMA
Cairnhill Limited	RM10.449.01	Irrigation	0	0	0	Primary	Tribs Upstream of Ophir	Yes	01/15/2046	RMA
Cairnhill Limited	RM10.449.02	Irrigation	0	0	0	Primary	Tribs Upstream of Ophir	Yes	01/15/2046	RMA
Calder Farming Company Limited	97844	Irrigation	167	0	0	Primary	Dunstan Creek	Yes	10/01/2021	Deemed
Calder Farming Company Limited	WR1434N	Irrigation	28	2400	876000	Primary	Dunstan Creek	Yes	10/01/2021	Deemed
Central Otago District Council	99169	Water Supply Town Supply Domestic Communal,	35	1000	0	Primary	Tribs Upstream of Ophir	Yes	07/01/2035	RMA
Central Otago District Council	WR736B	Water Supply Town Supply	28	2400	876000	Primary	Tribs Upstream of Ophir	Yes	10/01/2021	Deemed
Chris Allan Robinson and Rewa Elizabeth Robinson	RM11.049.01	Irrigation	50	0	36225	Primary	Tribs Downstream of Ophir	Yes	08/30/2046	RMA
Clare Allen Booth and Elizabeth Claire Booth	93447	Irrigation	83	0	0	Primary	Lauder Creek	Yes	10/01/2021	Deemed
Colin Gordon McKnight	94532	Irrigation	28	2400	0	Primary	Tribs Upstream of Ophir	Yes	10/01/2021	Deemed
Coolavin Farms Limited	2000.675	Irrigation	56	0	0	Primary	Thomsons Creek	Yes	04/01/2021	RMA
David Alexander Pattillo, Bridget Hope Henry and Cook Allan Gibs	4157B	Irrigation , Water Supply Domestic Communal	56	0	0	Primary	Dunstan Creek	Yes	10/01/2021	Deemed
David Bruce Naylor and Gillian Christine Naylor	2000.644.V2	Single Household/ Stockwater, Mining	56	0	0	Primary	Lauder Creek	Yes	10/01/2021	Deemed
David Bruce Naylor and Gillian Christine Naylor	99654.V1	Irrigation	83	0	0	Primary	Tribs Upstream of Ophir	Yes	10/01/2021	Deemed
David James Hutton and Nicola Anne Hutton Donald Edward MacLean	2002.257 2000.608	Irrigation Irrigation	14 56	605 0	18749 0	Primary Primary	Pool Burn Thomsons Creek	Yes Yes	06/30/2022 03/31/2021	RMA RMA
Donald Mark Maclean	2000.606	Irrigation	56	0	0	Primary	Thomsons Creek	Yes	03/31/2021	RMA
Edward James Mulholland and John Edward Mulholland	3925B	Irrigation	83	0	0	Primary	Ida Burn	Yes	10/01/2021	Deemed
Evans W L Evans N L as Trustees of the Thyme Heritage Trust	2000.238	Irrigation	14	0	0		Tribs D/S Campground	Yes	08/01/2020	RMA
Evans W L Evans N L as Trustees of the Thyme Heritage Trust	97430	Irrigation	14	0	0	Primary	Tribs D/S Campground	Yes	10/01/2021	Deemed
Falls Dam Company Limited	98305	Power Generation	4000	0	0	Primary	Falls Dam	No	09/30/2033	RMA
Frederick Gemmel McKnight and Patricia Margaret McKnight	99460	Irrigation	278	0	0	Primary	Pool Burn	Yes	10/01/2021	Deemed
Galloway Irrigation Society Incorporated	2001.220	Irrigation	425	36677	0	Primary	Tribs Downstream of Ophir	Yes	10/01/2021	Deemed
Galloway Irrigation Society Incorporated	2001.975	Irrigation	222	19200	7008000	Primary	Tribs Downstream of Ophir	Yes	10/01/2021	Deemed
Galloway Irrigation Society Incorporated	2001.976	Irrigation	83	0	0		Tribs Downstream of Ophir	Yes	10/01/2021	Deemed
Geoffrey David McAtamney, Nicola Jane	2009.434	Irrigation	56	0	829150	Primary	Tribs Upstream of Ophir	Yes	10/01/2046	RMA
McAtamney and Tarbert Trust Geoffrey Thomas Clouston	2004.788	Irrigation	22	1900	360000	Primary	Lauder Creek	Yes	05/01/2025	RMA
Geoffrey Thomas Clouston	98122	Irrigation	56	0	0	Primary	Lauder Creek	Yes	10/01/2021	Deemed
Geoffrey Thomas Clouston	99525	Irrigation	56	0	0	Primary	Lauder Creek	Yes	01/01/2020	RMA
George Anthony Kelliher	2000.243	Irrigation , Mining	83	0	0	Primary	Tribs Downstream of Ophir	Yes	10/01/2021	Deemed
George Anthony Kelliher	2000.265	Irrigation , Mining	28	0	0	Primary	Tribs Downstream of Ophir	Yes	10/01/2021	Deemed
George Frederick Tucker, Helen Ruth Tucker and GCA Legal Trustee	98572	Irrigation	111	0	0	Primary	Lauder Creek	Yes	10/01/2021	Deemed
George Frederick Tucker, Helen Ruth Tucker and Roger Norman Macas	98488	Irrigation	111	0	0	Primary	Lauder Creek	Yes	10/01/2021	Deemed
German Creek Holdings Limited	WR4892N	Irrigation, Single Household/Stockwater	278	24000	8760000	Primary	Dunstan Creek	Yes	10/01/2021	Deemed
Greenfield Rural Opportunities Limited	94675	Irrigation	28	0	0	Primary	Tribs Upstream of Ophir	Yes	10/01/2021	Deemed
Greenfield Rural Opportunities Limited	99281	Irrigation	42	0	0	Primary	Tribs Upstream of Ophir	Yes	10/01/2021	Deemed



Manuherikia Catchment Water Strategy Group C/- Kate Scott

Consent Holder	Consent Number	Activity	Max Rate (L/s)	Max Daily Volume (m3)	Max Annual Volume (m3)	ORC Allocation category	Sub-catchment ¹	Consumptive Yes/No²	Expiry Date	Туре
Grenaby Farm Limited	RM11.055.02 .V1	Irrigation	14	1200	144000	Primary	Ida Burn	Yes	04/18/2041	RMA
Hamish Brent McLellan being trustee of the Clutha Water Trust	2004.823	Irrigation	0	0	0	Primary	Tribs D/S Campground	Yes	05/30/2030	RMA
Hawkdun Idaburn Irrigation Company Limited	2001.293	Irrigation , Water Supply Domestic Communal	170	14688	0	Primary	Ida Burn	No	12/01/2037	RMA
Hawkdun Idaburn Irrigation Company Limited	2001.294	Irrigation	28	0	0	-	Ida Burn	Yes	12/01/2037	RMA
Hawkdun Idaburn Irrigation Company Limited	2001.297	Irrigation , Water Supply Domestic Communal	283	24451	0	Primary	Mt Ida Water Race	No	12/01/2037	RMA
Hawkdun Idaburn Irrigation Company Limited	2001.298	Irrigation , Water Supply Domestic Communal	425	36720	0	Primary	Ida Burn	No	12/01/2037	RMA
Hawkdun Idaburn Irrigation Company Limited	2001.299	Irrigation	14	0	0		Ida Burn	No	12/01/2037	RMA
Hawkdun Idaburn Irrigation Company Limited	2001.300	Irrigation , Water Supply Domestic Communal	57	4925	0	Primary	Ida Burn	No	12/01/2037	RMA
Hawkdun Idaburn Irrigation Company Limited	2001.301	Irrigation , Water Supply Domestic Communal	57	4925	0	Primary	Ida Burn	No	12/01/2037	RMA
Hawkdun Idaburn Irrigation Company Limited	2001.302	Irrigation , Water Supply Domestic Communal	57	4925	0	Primary	Ida Burn	No	12/01/2037	RMA
Hawkdun Idaburn Irrigation Company Limited	2001.303	Irrigation , Water Supply	28	2419	0	Primary	Ida Burn	No	12/01/2037	RMA
		Domestic Communal Irrigation , Water Supply			-	,				RMA
Hawkdun Idaburn Irrigation Company Limited	2001.304	Domestic Communal Irrigation , Water Supply	28	2419	0	Primary	Ida Burn	No	12/01/2037	
Hawkdun Idaburn Irrigation Company Limited	2001.288.V1	Domestic Communal	165	14256	0	Primary	Ida Burn	Yes	12/01/2037	RMA
Hawkdun Idaburn Irrigation Company Limited	2001.289_V1	Irrigation Irrigation, Water Supply	85	0	0	D :	Ida Burn	Yes	12/01/2037	RMA
Hawkdun Idaburn Irrigation Company Limited	2001.290_V1	Domestic Communal Irrigation, Water Supply	28	2419	0	Primary	Ida Burn	Yes	12/01/2037	RMA
Hawkdun Idaburn Irrigation Company Limited	2001.291.V2	Domestic Communal	137	11837	0	Primary	Ida Burn	Yes	12/01/2037	RMA
Hawkdun Idaburn Irrigation Company Limited	2001.295.V1	Irrigation , Water Supply Domestic Communal	227	19613	0	Primary	Ida Burn	Yes	12/01/2037	RMA
Hawkdun Idaburn Irrigation Company Limited	2006.283.V1	Single Household/Stockwater, Water Supply Domestic Communal	5	432	157248	Primary	lda Burn	Yes	12/01/2037	RMA
Hawkdun Idaburn Irrigation Company Limited	RM13.059.01	Irrigation	1920	0	0	Primary	Ida Burn	Yes	12/01/2037	RMA
Hawkdun Pastoral Limited Highland Springs Water Company Limited	96208 2007.241	Irrigation Irrigation	56 0	4800 0	0	Primary	Tribs Upstream of Ophir Tribs D/S Campground	Yes Yes	10/01/2021 05/10/2027	Deeme RMA
Hill D R Hill S A	97374	Irrigation	28	0	0	Primary	Thomsons Creek	Yes	01/20/2018	RMA
Hill D R Hill S A	97375	Irrigation	28	0	0	Primary	Thomsons Creek	Yes	01/20/2018	RMA
lan Robert Brown	WR432B	Single Household/ Stockwater, Irrigation	167	14400	5256000	Primary	Lauder Creek	Yes	10/01/2021	Deeme
Ida Valley Irrigation Company Limited Ida Valley Irrigation Company Limited	2001.593 2001.594	Irrigation	142 57	0	0	Primary Primary	Pool Burn Pool Burn	No Yes	10/01/2021 10/01/2021	Deeme Deeme
Ida Valley Irrigation Company Limited	2001.594	Irrigation Irrigation	57 170	0	0	Primary	Pool Burn	Yes	10/01/2021	Deeme
Ida Valley Irrigation Company Limited	2001.597	Irrigation	566	0	0	Primary	Pool Burn	No	10/01/2021	Deeme
Ida Valley Irrigation Company Limited	2001.606	Irrigation	566	0	0	Primary	Pool Burn	No	10/01/2021	Deeme
Ida Valley Irrigation Company Limited Ida Valley Irrigation Company Limited	2001.607 2001.608	Irrigation	85 113	0	0	Primary Primary	Pool Burn Pool Burn	No No	10/01/2021 10/01/2021	Deeme Deeme
Ida Valley Irrigation Company Limited	2001.608	Irrigation Irrigation	57	0	0	Primary	Pool Burn	Yes	10/01/2021	Deeme
Ida Valley Irrigation Company Limited	2001.614	Irrigation	57	0	0	Primary	Pool Burn	Yes	10/01/2021	Deeme
Ida Valley Irrigation Company Limited	2001.616	Irrigation	57	0	0	Primary	Pool Burn	Yes	10/01/2021	Deeme
Ida Valley Irrigation Company Limited	2001.579.V1	Irrigation	2151	0	0	Primary	Manorburn Reservoir	No	10/01/2021	Deeme
Ida Valley Irrigation Company Limited	2001.581.V1	Irrigation	1132	0	0	Primary	Pool Burn	No	10/01/2021	Deeme
Ida Valley Irrigation Company Limited Ida Valley Irrigation Company Limited	2001.589.V1 2001.590.V1	Irrigation Irrigation	142 142	12226 12226	0	Primary Primary	Pool Burn Pool Burn	Yes Yes	10/01/2021 10/01/2021	Deeme Deeme
Ida Valley Irrigation Company Limited	2001.590.V1 2001.591.V1	Irrigation	85	7335	0	Primary	Pool Burn	Yes	10/01/2021	Deeme
Ida Valley Irrigation Company Limited	2001.596.V1	Irrigation	57	4890	0	Primary	Pool Burn	No	10/01/2021	Deeme
Ida Valley Irrigation Company Limited	2001.598.V1	Irrigation	1415	12225 6	0	Primary	Pool Burn	Yes	10/01/2021	Deeme
da Valley Irrigation Company Limited	2001.599.V1	Irrigation	425	0	0	Primary	Pool Burn	No	10/01/2021	Deeme
Ida Valley Irrigation Company Limited	2001.600.V1	Irrigation	1132 1981	97805 17115	0 6247281	Primary	Pool Burn	Yes	10/01/2021	Deeme
Ida Valley Irrigation Company Limited Ida Valley Irrigation Company Limited	2001.604.V1 2001.611.V1	Irrigation Irrigation	42	8 3668	6 0	Primary Primary	Pool Burn Pool Burn	Yes Yes	10/01/2021 10/01/2021	Deeme Deeme
Ida Valley Station Limited	97288	Irrigation	28	0	0	Primary	Pool Burn	Yes	10/01/2021	Deeme
James Sinclair Veitch Lynne Kathleen Fauchelle and lan Lawerence	4157	Irrigation , Water Supply Domestic Communal	56	0	0	Primary	Dunstan Creek	Yes	10/01/2021	Deeme
James William Alexander Armstrong	2002.399	Irrigation	56	0	0	Primary	Lauder Creek	Yes	09/01/2022	RMA
James William Alexander Armstrong	3707	Irrigation	56	0	0	Primary	Lauder Creek	Yes	10/01/2021	Deeme
John Francis Anderson, Elizabeth Anne Anderson and William Thomas	RM12.544.01	Irrigation	3	276	36225	Primary	Tribs Downstream of Ophir	Yes	01/24/2043	RMA
John Henry McNally, Rayleen Janet McNally and Anderson Lloyd Trus	2004.955.V1	Irrigation	28	2400	294000	Primary	Ida Burn	Yes	10/02/2015	RMA
John Henry McNally, Rayleen Janet McNally and	3925.V1	Irrigation	83	0	0	Primary	Ida Burn	Yes	10/01/2021	Deeme
Anderson Lloyd Trus John Kinaston McArthur	2000.093	Single Household/	56	0	0	Primary	Tribs Downstream of Ophir	Yes	10/01/2021	Deeme
John Pieter Hoppen, Christina Marie Thian, Selwyn	2000.035 2005.389.V1	Stockwater, Irrigation	0	0	0		Tribs Downstream of Ophir	Yes		
David Pemberton and Barbara Ann Pemberton Karratha Downs Limited	2005.389.V1 99279	Irrigation Irrigation	0 28	0	0	Primary Primary	Pool Burn	Yes	10/01/2021 10/01/2021	Deeme Deeme
Karratha Downs Limited	99280	Irrigation	20 56	0	0	Primary	Pool Burn	Yes	10/01/2021	Deeme
Kenneth Donald Edgar	2000.437	Irrigation	28	0	0	Primary	Pool Burn	Yes	03/01/2021	RMA
Larkhall Limited	2002.187	Irrigation	139	0	0	Primary	Tribs Upstream of Ophir	Yes	10/01/2021	Deeme
Larkhall Limited	99477	Irrigation , Single Household/Stockwater	83	0	0	Primary	Tribs Upstream of Ophir	Yes	10/01/2021	Deeme



Consent Holder	Consent Number	Activity	Max Rate (L/s)	Max Daily Volume (m3)	Max Annual Volume (m3)	ORC Allocation category	Sub-catchment ¹	Consumptive Yes/No ²	Expiry Date	Туре
Little Valley Station Limited	97222	Irrigation	31	0	0	Primary	Tribs Downstream of Ophir	Yes	06/30/2018	RMA
Long Gully Rural Water Scheme Incorporated	96020	Domestic Communal	2	140	51100	Primary	Tribs Downstream of Ophir	Yes	12/31/2017	RMA
Manuherikia Irrigation Co-operative Society Limited	2001.510	Irrigation	226	19561	4440338	Primary	Tribs Downstream of Ophir	No	10/01/2021	Deemed
Manuherikia Irrigation Co-operative Society Limited	2001.513	Irrigation	170	14671	3330253	Primary	Tribs Downstream of Ophir	No	10/01/2021	Deemed
Manuherikia Irrigation Co-operative Society Limited	2001.514	Irrigation	226	0	0		Tribs Downstream of Ophir	No	10/01/2021	Deemed
Manuherikia Irrigation Co-operative Society Limited	2001.515	Irrigation	85	7335	1665127	Primary	Tribs Downstream of Ophir	No	10/01/2021	Deemed
Manuherikia Irrigation Co-operative Society Limited	2001.516	Irrigation	283	24451	5550422	Primary	Tribs Downstream of Ophir	No	10/01/2021	Deemed
Manuherikia Irrigation Co-operative Society Limited	2001.517	Irrigation	85	0	0	· · ·	Tribs Downstream of Ophir	No	10/01/2021	Deemed
Manuherikia Irrigation Co-operative Society Limited	2001.518	Irrigation	85	7335	1665127	Primary	Tribs Downstream of Ophir	No	10/01/2021	Deemed
Manuherikia Irrigation Co-operative Society Limited	2003.905	Irrigation	538	46457	1054580 2	Primary	Tribs Downstream of Ophir	No	10/01/2021	Deemed
Manuherikia Irrigation Co-operative Society Limited	2001.505.V1	Irrigation	2830	24451 2	0	Primary	Tribs Downstream of Ophir	Yes	10/01/2021	Deemed
Manuherikia Irrigation Co-operative Society Limited Manuherikia Irrigation Co-operative Society Limited	2001.507.V1 2001.508.V1	Irrigation	283 142	24451 12226	0	Primary	Tribs Downstream of Ophir Tribs Downstream of Ophir	Yes	10/01/2021 10/01/2021	Deemed
		Irrigation	57	4890	0	Primary	Tribs Downstream of Ophir	Yes		Deemed
Manuherikia Irrigation Co-operative Society Limited	2001.511.V1 2001.568.V1	Irrigation	113	4090 9781	0	Primary Driman/	Tribs Downstream of Ophir	Yes Yes	10/01/2021 10/01/2021	Deemed
Manuherikia Irrigation Co-operative Society Limited		Irrigation			0	Primary			10/01/2021	Deemed
Manuherikia Irrigation Co-operative Society Limited	2001.569.V1 2002.725.V1	Irrigation	14 4530	0	0		Tribs D/S Campground	Yes		Deemed
Manuherikia Irrigation Co-operative Society Limited		Irrigation		-	Ű	Daina ana	Tribs D/S Campground	No	04/01/2038	RMA
Manuherikia Irrigation Co-operative Society Limited	23284/121	Irrigation	28	2400	876000	Primary	Tribs Downstream of Ophir	Yes	10/01/2021	Deemed
Manuherikia Irrigation Co-operative Society Limited	23284/123	Irrigation	14	1200	438000	Primary	Tribs Downstream of Ophir	Yes	10/01/2021	Deemed
Martin Kim Heaney and Mary Vaughan Heaney	95978	Irrigation	42	0	0	Primary	Ida Burn	Yes	10/01/2021	Deemed
Martin Kim Heaney and Mary Vaughan Heaney	96062		56	4800	1752000	Primary	Ida Burn	Yes	10/01/2021	Deemed
Mary Therese Flannery and Wesley John Flannery	2002.585	Irrigation	28	2376	504000	Primary	Pool Burn	Yes	10/01/2021	Deemed
Matakanui Station Limited	4005	Irrigation	56	0	0	Primary	Tribs Downstream of Ophir	Yes	10/01/2021	Deemed
Matakanui Station Limited	4006	Irrigation	56	0	0	Primary	Tribs Downstream of Ophir	Yes	10/01/2021	Deemed
Matangi Station Limited	96167	Irrigation	56	4800	0	Primary	Tribs Downstream of Ophir	Yes	10/01/2021	Deemed
Matangi Station Limited	96519	Irrigation	56	0	0		Tribs Downstream of Ophir	Yes	10/01/2021	Deemed
Matangi Station Limited	97124	Irrigation	28	0	0	Primary	Tribs Downstream of Ophir	Yes	05/01/2017	RMA
Matangi Station Limited	97141	Irrigation Irrigation , Single	28	0	0	Primary	Tribs Downstream of Ophir	Yes	05/01/2017	RMA
McKnight Farming Limited McLellan S McLellan G	2007.224 99481	Household/Stockwater Irrigation	56 2	4800 0	1752000 0	Primary	Pool Burn Tribs D/S Campground	Yes Yes	10/01/2021 10/22/2019	Deemed RMA
Morris Samuel Leask and Irene Margaret Leask	2010.191.V1	Irrigation	56	4800	644000	Primary	Tribs Upstream of Ophir	Yes	07/06/2031	RMA
Mount Campbell Station Limited	97761	Irrigation	83	0	044000	Primary	Tribs Downstream of Ophir	Yes	10/01/2021	Deemed
Mount Campbell Station Limited	97762	Irrigation	83	0	0	Thinary	Tribs Downstream of Ophir	Yes	10/01/2021	Deemed
Mount Campbell Station Limited	97763	, , , , , , , , , , , , , , , , , , ,	56	4800	1752000	Primary		Yes	10/01/2021	-
	97763 97764	Irrigation	56	4800		· · · · · ·	Tribs Downstream of Ophir	Yes	10/01/2021	Deemed
Mount Campbell Station Limited		Irrigation			1752000	Primary	Tribs Downstream of Ophir			Deemed
Mount Campbell Station Limited	97765		83	0	0	Primary	Tribs Downstream of Ophir	Yes	10/01/2021	Deemed
Mount Campbell Station Limited	97832	Irrigation	83	0	0		Tribs Downstream of Ophir	Yes	10/01/2021	Deemed
Moutere Station Limited	2001.087	Irrigation , Single Household/Stockwater	7	0	0	Primary	Tribs Downstream of Ophir	Yes	10/01/2021	Deemed
Moutere Station Limited	2001.088	Irrigation	56	0	0	Primary	Tribs Downstream of Ophir	Yes	10/01/2021	Deemed
Moutere Station Limited	2003.019	Irrigation	56	0	0	Primary	Tribs Downstream of Ophir	Yes	10/01/2021	Deemed
Moutere Station Limited Mt St Bathans Company Limited	2003.024 RM11.129.01	Irrigation , Irrigation Irrigation, Dairy	28 83	2445 0	0	Primary Primary	Tribs Downstream of Ophir Dunstan Creek	Yes Yes	10/01/2021 06/21/2046	Deemed RMA
Murray Ashton	2000.654	Shed/Stockwater Irrigation	111	9600	0	Primary	Tribs Downstream of Ophir	Yes	05/01/2021	RMA
Murray Ashton	97398	Irrigation	83	0	0	Primary	Tribs Downstream of Ophir	Yes	01/20/2018	RMA
Murray Ashton	WR1001A	Irrigation	389	33600	1226400 0	Primary	Tribs Downstream of Ophir	Yes	10/01/2021	Deemed
Murray David Allen and Sandra Joy Allen	2005.131.V1	Irrigation , Single	3	192	31644	Primary	Tribs Downstream of Ophir	Yes	10/01/2021	Deemed
	94548	Household/Stockwater	56	0	0	Primary	Lauder Creek	Yes	10/01/2021	Deemed
Murray John Heckler		Irrigation		-	-					-
Murray John Heckler and Annette Esther Heckler	96779 DM11 207 01	Irrigation	28	2400	876000	Primary	Lauder Creek	Yes	10/01/2021	Deemed
Murray John Heckler and Annette Esther Heckler	RM11.207.01	Irrigation	56	0	275650	Primary	Tribs Upstream of Ophir	Yes	09/01/2046	RMA
N S & E N Hinton Limited	2002.768	Irrigation	28	2420	0	Primary	Tribs Upstream of Ophir	No	10/01/2021	Deemed
Nicholas Andrew Loughnan and Faith Annette Gray	2003.298	Irrigation	42	3600	50400	Primary	Tribs Downstream of Ophir	Yes	06/28/2014	RMA
Nicolson Farms Limited	97116	Irrigation	7	600	0	Primary	Pool Burn	Yes	10/01/2021	Deemed
Nicolson Farms Limited	97117	Irrigation	21	0	0	Primary	Pool Burn	Yes	10/01/2021	Deemed
Noone J T Noone R J	96567	Irrigation	21	0	0	Primary	Pool Burn	Yes	07/31/2017	RMA
O'Brien J R O'Brien J A	2000.531	Irrigation	14	0	0	Primary	Tribs Downstream of Ophir	Yes	01/31/2021	RMA
Omakau Area Irrigation Company Limited	2001.702	Irrigation	1981	0	0	Primary	Tribs Upstream of Ophir	Yes	10/01/2021	Deemed
Omakau Area Irrigation Company Limited	2001.706	Irrigation	426	0	0	Primary	Thomsons Creek	Yes	10/01/2021	Deemed
Omakau Area Irrigation Company Limited	2001.708	Irrigation	425	0	0	Primary	Dunstan Creek	Yes	10/01/2021	Deemed
Omakau Area Irrigation Company Limited	2001.710	Irrigation	425	0	0	Primary	Lauder Creek	Yes	10/01/2021	Deemed
Omakau Area Irrigation Company Limited	2001.711	Irrigation	28	0	0	Primary	Thomsons Creek	Yes	10/01/2021	Deemed
Omakau Area Irrigation Company Limited	2001.703.V1	Commercial/Industrial	0	0	0	Primary	Tribs Upstream of Ophir	No	10/01/2021	Deemed
Omakau Area Irrigation Company Limited	2001.712.V1	Irrigation	85	0	0	Primary	Tribs Downstream of Ophir	Yes	10/01/2021	Deemed
Omakau Area Irrigation Company Limited	2001.713.V2	Irrigation	0	0	0	Primary	Tribs Downstream of Ophir	Yes	10/01/2021	Deemed
Omakau Area Irrigation Company Limited	2001.714.V1	Irrigation	28	0	0	Primary	Tribs Downstream of Ophir	Yes	10/01/2021	Deemed
Omakau Area Irrigation Company Limited	2001.715.V1	Irrigation	57	0	0	Primary	Tribs Downstream of Ophir	Yes	10/01/2021	Deemeo
Omakau Area Irrigation Company Limited	2001.716.V1	Irrigation	28	0	0	Primary	Tribs Downstream of Ophir	Yes	10/01/2021	Deemed
Omakau Area Irrigation Company Limited	2001.717.V2	Irrigation	0	0	0		Tribs Downstream of Ophir	No	10/01/2021	Deemed
Omakau Area Irrigation Company Limited	2001.718.V2	Irrigation	85	7335	1782492	Primary	Tribs Downstream of Ophir	Yes	10/01/2021	Deemed
Omakau Area Irrigation Company Limited	2001.719.V1	Irrigation	113	0	0	Primary	Thomsons Creek	Yes	10/01/2021	Deemed
Omakau Area Irrigation Company Limited	2001.720.V2	Irrigation	170	14671	3565053	Primary	Thomsons Creek	Yes	10/01/2021	Deemed
Omakau Area imgalion Company Limileu	97839	Irrigation	167	0	0	Primary	Dunstan Creek	Yes	10/01/2021	Deemed
		Ť	28	0	0	Primary	Tribs Upstream of Ophir	Yes	10/01/2021	Deemed
Ottrey Farms Limited	4222	Irrigation			~	· · · · · · · · · · · · · · · · · · ·				
Ottrey Farms Limited Pamela May Harrex and Thomas Earl Harrex Peter Lincoln Grieve and Lloyd & Associates Limited	4222 2004.315	Irrigation Irrigation	6	180	64800	Primary	Tribs Downstream of Ophir	Yes	10/01/2021	Deemed
Ottrey Farms Limited Pamela May Harrex and Thomas Earl Harrex				180 4800	64800 0	Primary Primary	Tribs Downstream of Ophir Thomsons Creek	Yes Yes	10/01/2021 10/01/2021	Deemec Deemec



Manuherikia Catchment Water Strategy Group C/- Kate Scott

Rend primeØØØ	Consent Holder	Consent Number	Activity	Max Rate (L/s)	Max Daily Volume (m3)	Max Annual Volume (m3)	ORC Allocation category	Sub-catchment ¹	Consumptive Yes/No ²	Expiry Date	Туре
Serie Gale Condition Condition <thcondition< th=""> <thcondition< th=""> <th< td=""><td>Richard James Graham Parsons and Jacqueline</td><td></td><td></td><td></td><td></td><td></td><td>Block 1</td><td></td><td></td><td></td><td></td></th<></thcondition<></thcondition<>	Richard James Graham Parsons and Jacqueline						Block 1				
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Description District District <thdistrict< th=""> District Distrit District <thdistrict< th=""></thdistrict<></thdistrict<>			Irrigation		U	U	Primary	I nomsons Greek	res		RIVIA
Instruct of 1 No.00 No.00 No.00 No.000 No.0000 No.00000 No.00000 No.000000 No.000000 No.000000 No.000000 No.0000000 No.000000 No.0000000 No.0000000 No.000000000000 No.000000000000000000000000000000000000	being Trustees of t		Irrigation		0	-	Primary		Yes		RMA
Amove frame Zools (2) Page (2) Socie Parties (2) Parties (2) <thparties (2)<="" th=""> Parties (2) Parti</thparties>	being Trustees of t	93522B	Irrigation	56		-	Primary		Yes	02/01/2021	RMA
Construct mean tools and mean tools are hops of sections of section	Amberley Trustees Li		Ç		3280	482630	Primary	· ·	Yes		RMA
Base Matern Naghar and Ander Javen Naghar Steps In-glastion Step In-glastion Step<			Household/Stockwater			-	·				Deemed
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Leng materie of Anose Impach See U O Prints Total Labora Tas COLUND Columbia Leng materie of Solids Impacts Sol 0 O Prints Total Counteer of cybr Yein COULD2D Decade materia Leng materia Solids Impacts Sol 0 0 Prints Prints Yein Columbia Columbi	, , ,	95585	Irrigation	56	0	0	Primary	Thomsons Creek	Yes	10/01/2021	Deemed
Rase Witten Moyer and David James Gloson barra Step State Implian S3 0 0 Pinnany Take Downstruer of Optin Vos 1001220 Des Rased Deen Neull NV112AD31 Implian 26 0 22664 Step Des Nos Jaur Ves 26010000 Des Des <td< td=""><td></td><td>97086</td><td>Irrigation</td><td>56</td><td>0</td><td>0</td><td>Primary</td><td>Thomsons Creek</td><td>Yes</td><td>07/01/2017</td><td>RMA</td></td<>		97086	Irrigation	56	0	0	Primary	Thomsons Creek	Yes	07/01/2017	RMA
Randel Den Nevil SM1 Impairon SD Zefele Souther Noticet Pool Burn Yes D001020 FM Sord Londes 2002 375 Irrigation 20 200 0 Primary Pool Burn Yes 10010220 Do Sord Londes 2002 375 Irrigation 11 Ed0 SN000 Primary Pool Burn Yes 10010221 Do Sord Londes 20012 400 Irrigation 71 Ed0 SN000 Primary Table Dostitioner of During the Rest Dostition During the Rest Dostition of During the	Ross William Naylor and David James Gibson being	98245	Irrigation	83	0	0	Primary	Tribs Downstream of Ophir	Yes	10/01/2021	Deemed
Societ Accession Califord Zalo O Primary Prior Number Number Califord Number Califord <td></td> <td></td> <td>Irrigation</td> <td>90</td> <td>0</td> <td>226548</td> <td>mentary</td> <td>Pool Burn</td> <td>Yes</td> <td>09/01/2036</td> <td>RMA</td>			Irrigation	90	0	226548	mentary	Pool Burn	Yes	09/01/2036	RMA
Stock Asady Group Lentid Biglion Reg O O Pinitely Pinitely <th< td=""><td></td><td>2002.375</td><td>Irrigation</td><td>28</td><td>2400</td><td>0</td><td>Primary</td><td>Pool Burn</td><td>Yes</td><td>10/01/2021</td><td>Deemed</td></th<>		2002.375	Irrigation	28	2400	0	Primary	Pool Burn	Yes	10/01/2021	Deemed
Sharba (S) Company Limited 2004 X35 VI Insplano 11 960 57000 Primes Tites DS Campgrout Ves 0100/2020 RM Sinue Milline McSene and Decord Aree 200 111 Insplano 20 0 0 Primes Price Dam Ves 0100/2020 RM Sinue Milline McSene and Decord Aree 201 141 Insplano 20 0 0 Primes Laser Creek Ves 1001/2021 Decord Sinuer Sinue Milline McSene and Decord Sinuer WR326 Insplano 68 4800 172000 Primes Laser Creek Ves 1001/2021 Decord Sinuer James Gordon-Gastrof and Prima WR326 Insplano 68 0 0 Primary Dasard Creek Ves 1001/2021 Decord Sinuer Soluter Lase Hoding Linited 9498 Insplano 76 0 0 Primary Dasard Creek Ves 1001/2021 Decord Sinuer Soluter Lase Hoding Linited 9498 Insplano 0 0 Primary Dasard C		93321	Irrigation	56	0	0	Primary	Pool Burn	Yes	10/01/2021	Deemed
Shay barge stamptase, sindar2021Integrison700PrimayPrima VThe EngrandVes0002020AR AR AD AD ADADD ADDADD 		2004.305.V1	Irrigation	11	960	57600	Primary	Tribs Downstream of Ophir	Yes	10/01/2021	Deemed
Share Within Mchen and Debxnh Ame 200 J.0.41 Impacton 28 0 0 Primary Ped Burn Yes 101/1021 Debx Shridy Righters Gutori-Silsadd and Brin WR3788 Ming Ingation 88 7000 262800 Primary Lauder Creek Yes 1001/021 Debx Shridy Righters Gutori-Silsadd and Brin WR3288 Ingation 88 700 262800 Primary Lauder Creek Yes 1001/021 Debx Sorther Laes Holding Limited 97782 Ingation 88 0 0 Primary Duration Coek Yes 1001/021 Debx Sorthern Laes Holding Limited 9782 Ingation 86 0 0 Primary Duration Coek Yes 1001/021 Debx Director Coek Yes 1001/020 Director Coek Y				-							RMA
james Grönn-Gassfor VMC of miting ingred Dis 2400 V Priming Database Leader Creek Tes M001/201 Des 2400 James Gronn-Gassfor VME308 Irrigston 83 7200 2528000 Primary Lauder Creek Yes 1001/2021 Des 2400 James Gronn-Gassfor VME308 Irrigston 55 450 0 0 Primary Lauder Creek Yes 1001/2021 Des 2400 Southen Lees Holding Limited 97693 Irriggton 65 0 0 Primary Dustan Creek Yes 10101/2021 Des 2400 Destan Creek Yes 10101/2021 Des 2400 Desta		2001.941	Irrigation	28	0	0	Primary	Pool Burn	Yes	10/01/2021	Deemed
James Gorbo-Classidor Imigation 6.9 7.200 Analos Unitario 1.48 1.001/12/21 Dec James Gorbo-Classidor WR3282 Inigation 6.5 4.600 17/3200 Prinary Laude Creek Yes 1001/12/21 Dec Southen Lasks Holding, Limited 97/822 Imigation 6.6 0 0 Prinary Durata Creek Yes 1001/12/21 Dec Southen Lasks Holding, Limited 97/822 Imigation 6.6 0 0 Prinary Durata Creek Yes 1001/12/21 Dec Southen Lasks Holding, Limited 98468 Imigation 6.6 0 0 Prinary Durata Creek Yes 1001/12/21 Dec Southen Lasks Holding, Limited PRI11011/20 Imigation 6.6 0		WR378B	Mining, Irrigation	28	2400	0	Primary	Lauder Creek	Yes	10/01/2021	Deemed
James Godos-Classion VIY-02/20 Imagino 95 4400 VIY-02/00 Primary Dutation Likes Moli Creek Yes 100/12/21 RM Southem Likes Holdings Limited 97682 Imgation 55 0 0 Primary Durstan Creek Yes 01/20/2018 RM Southem Likes Holdings Limited 97682 Imgation 56 0 0 Primary Durstan Creek Yes 01/20/2018 RM Southem Likes Holdings Limited 98498 Imgation 56 0 0 Primary Durstan Creek Yes 100/12/21 Des Southem Likes Holdings Limited RM1101302 Imgation 0 0 0 0 This Lipotenand Ophr Yes 100/12/21 Des Statamar Water Board Incorporated 200/20/11 Imgation 0 0 0 0 This Lipotenand Ophr Yes 100/12/22 RM Statamar Water Board Incorporated 200/20/11 Hingation 7 00 0 This Lipotenand Ophr <td></td> <td>WR380B</td> <td>Irrigation</td> <td>83</td> <td>7200</td> <td>2628000</td> <td>Primary</td> <td>Lauder Creek</td> <td>Yes</td> <td>10/01/2021</td> <td>Deemed</td>		WR380B	Irrigation	83	7200	2628000	Primary	Lauder Creek	Yes	10/01/2021	Deemed
Satuten Lakes Hoöning Limited 97862 Irrigation 86 0 O Primary Dunstan Creek Yes 01/20/2018 RM Southem Lakes Hoöning Limited 98498 Irrigation 66 0 0 Primary Dunstan Creek Yes 100/12/2018 RM Southem Lakes Hoöning Limited 99156 Irrigation 66 0 0 Primary Dunstan Creek Yes 100/12/201 Dex Southem Lakes Hoöning Limited RM1101302 Irrigation 0 0 0 Primary Dunstan Creek Yes 100/12/201 Dex Statharn Water Board Incorporated 2002.01/11 Irrigation 0 0 0 0 Primary Tribs Upstream of Ophin Yes 12/31/2023 RM Statharn Water Board Incorporated 2002.01/11 Irrigation 60 0 0 Tribs Upstream of Ophin Yes 08/31/2021 RM Stathar Water Board Incorporated 2000.317.V1 Water Suppty Fund 42 38000 105/57 Prima		WR382B	Irrigation	56	4800	1752000	Primary	Lauder Creek	Yes	10/01/2021	Deemed
Southen Lakes Holdings Limited 97830 Impation 28 0 0 Primary Durstan Creek Yes 01/02/011 PM Southen Lakes Holdings Limited 97836 Impation 66 0 0 Primary Durstan Creek Yes 10/01/2021 Dec Southen Lakes Holdings Limited 97836 Impation 0 0 0 Durstan Creek Yes 10/01/2021 Dec Southen Lakes Holdings Limited 97813 Impation 0 0 0 Tribs Lipitsem of Opitr Yes 12/01/2021 Dec S1Barbare Water Board Incorporated 2002 593.11 Impation 0 0 0 Tribs Lipitsem of Opitr Yes 12/01/2021 Dec S1Barbare Water Board Incorporated 2003 917.V1 Yes 12/01/2024 PM Primary Tribs Lipitsem of Opitr Yes 0/01/2021 Dec Staphane Mater Soard Incorporated 2001 317.V1 Yes 0/01/2021 PM Staphane Kathy and Lipitsem of Opitr Yes 0/01/2021 Dec	Southern Lakes Holdings Limited	94711	Irrigation	83	0	0	Primary	Dunstan Creek	Yes	12/01/2018	RMA
Southern Lakes Holdings Limited 99498 Imageton Single 66 0 0 Primary Durstan Creek Yes 1001/2021 Description Southern Lakes Holdings Limited 99156 Imgeton 0.6 0	, i i i i i i i i i i i i i i i i i i i	97692	*	56	0	0	Primary	Dunstan Creek	Yes	01/20/2018	RMA
Solution Lines houring Linea Joins / Lines Lines houring Linea Tes 100/12/21 Dec Southern Lakes Houring Linead R915 Ingation 6 0 0 Pirmary Durstan Ceek Yes 100/12/21 Dec Southern Lakes Houring Linead R911 103.02 Ingation 0 0 0 Tribs Upsteem of Ophir Yes 100/12/21 Dec St Bathaw Water Board Incorporated 2002 503.V1 Ingation 0 0 0 17755 Upsteam Ceek Yes 123/12/223 RM St Bathaw Water Board Incorporated 2002 503.V1 Ingation 0 0 0 0 17755 Upsteam Ceek 123/12/223 RM St Bathaw Water Board Incorporated 2002 503.V1 Ingation 42 3600 166957 Pirmary Tribs Upsteam of Ophir Yes 023/12/21 RM St Bathaw Water Board Incorporated 2004.715 Ingation 0 0 17765 DS Campground Yes 080/12/21 Dec 100/12/21 Dec	Southern Lakes Holdings Limited	97693	Irrigation	28	0	0	Primary	Dunstan Creek	Yes	01/20/2018	RMA
Southern Lates Holdings Limited RMI1013.01 Imigation 0 0 0 0 Durstan Creek Yes 1001/2021 Descent St Bathans Water Board Incorporated 2002 250.1/1 Imigation 0 0 0 0 Tribs Upstream of Ophir Yes 12/31/2023 RM St Bathans Water Board Incorporated 2002 504.1/1 Imigation 0 0 0 0 Tribs Upstream of Ophir Yes 12/31/2023 RM St Bathans Water Board Incorporated 2003 917.1/1 Imigation 6 0 0 0 0 0 105957 Primary Tribs Upstream of Ophir Yes 08/11/201 RM Stephine Rathwisch 2001.4/11 Imigation 80 0 0 0 Tribs Dis Campground Yes 08/11/201 RM Suth J W Suthon A E 2001.4/15 Imigation 28 0 0 Tribs Dis Campground Yes 08/01/201 RM Suth J W Suth A E 2001.4/15 Imigation 28 0	Southern Lakes Holdings Limited	98498		56	0	0	Primary	Dunstan Creek	Yes	10/01/2021	Deemed
Southen Lakes Holding's Limited RM1101302 Irrigation 0 0 0 0 Thes Upstream of Ophir Yes 02012046 RM St Bathars Weiter Board Incorporated 2002-304.VI Impation 0	Southern Lakes Holdings Limited	99156	Irrigation	56	0	0	Primary	Dunstan Creek	Yes	10/01/2021	Deemed
St Bahans Water Board Incorporated 2002.503.V1 Impation 0 0 0 This Lipstneam of Ophin Yes 12/31/2023 RM SI Bahans Water Board Incorporated 2002.504.V1 Impation 0 0 0 0 Tribs Lipstneam of Ophin Yes 12/31/2023 RM SI Bahans Water Board Incorporated 2003.917.V1 More Sing/Praced 42 3600 10/957 Primary Tribs Upstneam of Ophin No 12/31/2023 RM Stephanic Rethwisch 2004.715 Hingston Single 42 3600 18/166 Primary Tribs DS Campground Yes 03/01/201 RM Stutin J W Sution A E 2001.041 Imgation 28 0 0 Tribs DS Campground Yes 03/01/2012 RM Thomas Alley Mee 2004.A35 Single Household's Single Household's Single Household's Single Household's Yes 09/01/2012 RM Thomas Mark Men and Joanne Eizabeth 2002.071.V1 Imgation 56 0 0 Primary <t< td=""><td>Southern Lakes Holdings Limited</td><td>RM11.013.01</td><td>Irrigation</td><td>0</td><td>0</td><td>0</td><td></td><td>Dunstan Creek</td><td>Yes</td><td>10/01/2021</td><td>Deemed</td></t<>	Southern Lakes Holdings Limited	RM11.013.01	Irrigation	0	0	0		Dunstan Creek	Yes	10/01/2021	Deemed
St Bathans Water Board Incorporated 2002.504.V1 Imgation 0 0 0 This Upstream of Ophir Yes 12/31/2023 RM St Bathans Water Board Incorporated 2003.917.V1 Vider Supply Rival Scheme (imgation, Single 42 3600 105957 Primary Tribs Upstream of Ophir No 12/31/2023 RM Stephanie Rethwisch 2004.715 Imgation, Single 42 3600 18/166 Primary Tribs Downstream of Ophir Yes 03/01/2021 RM Sutton J W Sutton A E 2004.434 Single Household/ Stockwater, Ingation 28 0 0 Tribs Dis Campground Yes 09/01/2021 RM Thomas Alup Alee 2004.6511 Imgation 28 0 0 Tribs Upstream of Ophir Yes 09/01/2021 RM Thomas Alup Alee 2002.071.V1 Imgation 56 0 0 Primary Dunstan Creek Yes 09/01/2021 RM Trates of the Calin McKnight Trust 2002.0671 Imgation 56 4800 0 Primary	· · · · · · · · · · · · · · · · · · ·		Irrigation	0	0	0		· · ·			RMA
St Bahans Water Board Incorporated 2003.917,V1 Domestic Communal, Scheme, Ingration 24 3600 105957 Primary Tribs Upstream of Ophir No 1231/2023 RM Stephanie Rethwisch 2004.715 Irigation, Single Household/Stockwater 42 3600 18166 Primary Tribs Downstream of Ophir No 1231/2023 RM Suton J W Suton A E 2004.411 Irigation 60 0 0 Tribs DS Campground Yes 0001/2021 RM Sydney Earl Affield 97073 Irigation 28 0 0 Tribs DS Campground Yes 0001/2021 Demostric Campground Yes <				-		-					RMA
Scheme, ingetion C <thc< th=""> C <thc< th=""> <</thc<></thc<>	·		Domestic Communal,			-	Drimon				RMA
Steptinier Retirinsch Z004, /13 Household/Stockwater 42 3000 Printery Tittes DIS Campground Yes 0011/2021 RM Sutton J W Sutton A E 2001 041 Irrigation 60 0 Tribs DIS Campground Yes 03001/2021 RM Sydney Earl Atfield 97073 Irrigation 28 0 0 Tribs DIS Campground Yes 03001/2021 Dex Thomas Hugh Mee 2004.A35 Single Household/ Stockwater, Irrigation 28 2000 420000 Primary Dunstan Creek Yes 0901/2021 Dex Thomas Matthew Moran and Joanne Elizabeth 2000.071.11 Irrigation 56 0 0 Primary Thomsons Creek Yes 0901/2022 RM Typer Hill Fam Limited 2000.607 Irrigation 56 4800 0 Primary Thomsons Creek Yes 1001/2021 Dex Typer Hill Fam Limited 2001.694 Irrigation 56 4800 576000 Primary Thomsons Creek Yes 1001/2021 </td <td></td> <td></td> <td>Scheme, Irrigation</td> <td></td> <td></td> <td></td> <td>Fiindry</td> <td></td> <td>INO</td> <td>12/31/2023</td> <td></td>			Scheme, Irrigation				Fiindry		INO	12/31/2023	
Sydney Earl Attfield 97073 Irigation 28 0 0 This D/S Campground Yes 10/01/2021 Description Thomas Hugh Mee 2004.A35 Single Household/ Stockwater, Irigation 7 600 180000 Primary Dunstan Creek Yes 09/01/2015 RM Thomas Atthur Moran and Joanne Elizabeth 2004.651.V1 Irigation 26 0 0 Primary Polleurn Yes 09/01/2022 RM Tiger Hill Farm Limited 2000.607 Irigation 56 0 0 Primary Thomaso Creek Yes 00/01/2021 RM Trustees of the Colin GMcKright Trust 2002.026 Irigation 110 0 Primary Thomson Screek Yes 10/01/2021 Der Trustees of the Colin GMcKright Trust 99268 Irigation 216 0 Primary Thomson Screek Yes 10/01/2021 Der Trustees of the Colin GMcKright Trust 99328 Irigation 28 0 0 Primary Thomson Screek Yes <td>•</td> <td></td> <td>Household/Stockwater</td> <td></td> <td></td> <td></td> <td>Primary</td> <td></td> <td></td> <td></td> <td>RMA</td>	•		Household/Stockwater				Primary				RMA
Thomas Hugh Mee 2004 A35 Single Household's stockwater, Irrigation 7 600 180000 Primary Dunstan Creek Yes 09/01/2015 RM Thomas James Arthur and Noeline Mary Arthur 2004 651 V1 Irrigation 28 2000 420000 Primary Pool Burn Yes 10/01/2021 Det Thomas Matthew Moran and Joanne Elizabeth 2002.071.V1 Irrigation 56 0 0 Primary Thomsons Creek Yes 09/01/2022 RM Tiger Hill Fam Limited 2000.607 Irrigation 56 4000 0 Primary Thomsons Creek Yes 10/01/2021 Det Trustees of the Colin McKnight Trust 2002.888 Irrigation 111 0 0 Primary Dunstan Creek Yes 10/01/2021 Det Trustees of the Colin McKnight Trust 99288 Irrigation 28 0 0 Primary Thos Downstream of Ophir Yes 10/01/2021 Det Trustees of the Valtorn Family Trust 99334 Irrigation 21			, , , , , , , , , , , , , , , , , , ,		-						
Thomas James Arthur and Noeline Mary Arthur 2004 651.11 Imgation 28 2000 Primary Pool Burn Yes 100/1/2022 RM Thomas Matthew Moran and Joanne Elizabeth 2002 071.V1 Irrigation 56 0 0 Tribs Upstream of Ophin Yes 09/01/2022 RM Tiger Hill Farm Limited 2000.007 Irrigation 56 0 0 Primary Thomsons Creek Yes 04/01/2021 RM Trustees of the Colin McKnight Trust 2002.061.04 Irrigation 56 4800 0 Primary Thomsons Creek Yes 10/01/2021 De Trustees of the Colin McKnight Trust 2002.063 Irrigation 28 0 0 Trustees of the Valdron Family Trust 99268 Irrigation 28 0 0 Trustees of the Valdron Family Trust 99268 10/01/2021 De Trustees of the Valdron Family Trust 99268 Irrigation 21 0 0 Primary Trustes of the Valdron Family Trust 991/01/2021 Ne Trustees of the Valdron F			Single Household/		-		Primary				Deemed RMA
Moran 2002 0F 1:V1 Intigation 36 0 0 Intise Upsteam of Ophin Tes 09/01/2022 RM Tiger Hill Farm Limited 2000.607 Irrigation 56 0 0 Primary Thomsons Creek Yes 04/01/2021 RM Trustees of the Colin McKnight Trust 2002.026 Irrigation 56 4800 576000 Primary Thomsons Creek Yes 10/01/2021 De Trustees of the Colin McKnight Trust 99268 Irrigation 11 0 0 Primary Those Dustream of Ophin Yes 10/01/2021 De Trustees of the Longslope Farm Tust 99334 Irrigation 28 0 0 Primary Those Dustream of Ophin Yes 10/01/2021 RM William James Clouston 96613 Irrigation 21 0 0 Primary Those Dustream of Ophin Yes 01/01/2021 RM William James Clouston 96613 Irrigation 21 0 0 Primary Those Dis Careget and tres </td <td>Thomas James Arthur and Noeline Mary Arthur</td> <td></td> <td></td> <td>28</td> <td></td> <td></td> <td>Primary</td> <td></td> <td>Yes</td> <td></td> <td>Deemed</td>	Thomas James Arthur and Noeline Mary Arthur			28			Primary		Yes		Deemed
Tiger Hill Farm Limited 2001.694 Irrigation 56 4800 0 Primary Thomsons Creek Yes 1001/2021 Dee Trustees of the Colin GMcKright Trust 2002.026 Irrigation 56 4800 576000 Primary Thob Substream of Ophir Yes 1001/2021 Dee Trustees of the Longslope Farm Trust 97103 Irrigation 28 0 0 Tribs Downstream of Ophir Yes 1001/2021 Dee Trustees of the Longslope Farm Trust 98334 Irrigation 26 0 0 Primary Tribs Downstream of Ophir Yes 10/01/2017 RM William James Clouston 96613 Irrigation 9 0 0 Primary Trustees of the Substream of Ophir Yes 01/20/2017 RM William James Clouston 96613 Irrigation 4 0 0 0 Primary Trustees of the Substream of Ophir Yes 05/01/2024 RM Alexandra Holiday Park Limited 99497 Irrigation 4 363		2002.071.V1	Irrigation	56	0	0		Tribs Upstream of Ophir	Yes	09/01/2022	RMA
Trustees of the Colin G McKnight Trust 2002.026 Imgation 56 4800 576000 Primary Trustees of the Colin McKnight Trust 99268 Imgation 111 0 0 Primary Dunstan Creek Yes 10/01/2021 Deet Trustees of the Longslope Farm Trust 97109 Imgation 28 0 0 Primary Dunstan Creek Yes 10/01/2021 Deet Trustees of the Waldron Farmily Trust 9834 Imgation 56 0 0 Primary Trusto Downstream of Ophir Yes 10/01/2021 Deet William James Clouston 96613 Imgation 21 0 0 Primary Trustons or Creek Yes 0/12/02/017 RM Wilson B W Wilson RA 97379 Imgation 4 0 0 Primary Trustons Oreface Yes 0/01/2024 RM Alexandra Golf Club Incorporated 2004.389 Commercial/Industrial 0 0 0 Trusto Downstream of Ophir Yes 0/01/2024 RM	Tiger Hill Farm Limited	2000.607	Irrigation	56	0	0	Primary	Thomsons Creek	Yes	04/01/2021	RMA
Trustees of the Colin McKnight Trust 99268 Irrigation 111 0 0 Primary Dunstan Creek Yes 10/29/2019 RM Trustees of the Longslope Farm Trust 97109 Irrigation 28 0 0 Tribs Downstream of Ophir Yes 10/01/2021 Dec Trustees of the Waldron Family Trust 98334 Irrigation 26 0 0 Primary Tribs Downstream of Ophir Yes 11/01/2018 RM William James Clouston 96613 Irrigation 21 0 0 Primary Tribs Dissons Creek Yes 07/01/2017 RM Wilson R A 97379 Irrigation 9 0 0 Primary Tribs D/S Campground Yes 07/01/2017 RM Alexandra Bolf Club Incorporated 2004.389 Commercial/Industrial 0 0 0 Tribs D/S Campground Yes 01/01/2024 RM Bell G Bell J 2000.322 Irrigation 4 0 0 Tribs D/S Campground Yes 09/01/2028	Tiger Hill Farm Limited	2001.694	Irrigation	56	4800	0	Primary	Thomsons Creek	Yes	10/01/2021	Deemed
Trustees of the Longslope Farm Trust 97109 Irrigation 28 0 0 Trustees of the Waldron Family Trust 98334 Irrigation 56 0 0 Primary Tribs Downstream of Ophir Yes 11/01/2018 RM William James Clouston 96613 Irrigation 21 0 0 Primary Tribs Downstream of Ophir Yes 01/20/2017 RM Wilson B W Wison R A 97379 Irrigation 9 0 0 Primary Tribs Upstream of Ophir Yes 01/20/2017 RM Alexandra Golf Club Incorporated 2004.389 Commercial/Industrial 0 0 0 0 Tribs D/S Campground Yes 05/01/2024 RM Alexandra Holiday Park Limited 99497 Irrigation 4 363 32670 Primary Tribs D/S Campground Yes 01/01/2024 RM Barry Kavanagh Badman and Esther Muriel Badman 2002.821/1 Irrigation 6 0 0 Tribs D/S Campground Yes 01/01/2020 RM Bai	, in the second s		Irrigation	56	4800	576000	Primary	Tribs Upstream of Ophir	Yes		Deemed
Trustees of the Waldron Family Trust 98334 Irrigation 56 0 0 Primary Trubs Downstream of Ophir Yes 11/01/2018 RM Willian James Clouston 96613 Irrigation 21 0 0 Primary Trubs Upstream of Ophir Yes 07/31/2017 RM Willson R A 97379 Irrigation 9 0 0 Primary Trubs Upstream of Ophir Yes 07/31/2017 RM Total surface water (236 consents) Total surface water (236 consents) 1292959 151687365 0 0 0 Trubs D/S Campground Yes 05/01/2024 RM Alexandra Holiday Park Limited 99497 Irrigation 4 363 32670 Primary Trubs D/S Campground Yes 01/31/2028 RM Barry Kavanagh Badman and Esther Muriel Badman 2002.821.V1 Irrigation 4 0 0 Trubs D/S Campground Yes 01/12/021 RM Bell G Bell J 2003.294.V1 Water Supply Domestic Communal 0	, i i i i i i i i i i i i i i i i i i i		Irrigation		0	0	Primary				RMA
William James Clouston 96613 Irrigation 21 0 0 Primary Tribs Upstream of Ophir Yes 01/20/2017 RM Wilson B W Wilson R A 97379 Irrigation 9 0 0 Primary Thomsons Creek Yes 07/31/2017 RM Total surface water (236 consents) 41003 1292959 151687365 0 0 0 Tribs D/S Campground Yes 05/01/2024 RM Alexandra Golf Club Incorporated 2004.389 Commercial/Industrial 0 0 0 Tribs D/S Campground Yes 05/01/2024 RM Barry Kavanagh Badman and Esther Muriel Badman 2002.821.V1 Irrigation 4 0 0 Tribs D/S Campground Yes 01/31/2028 RM Bell G Bell J 2000.322 Irrigation 6 0 0 Tribs D/S Campground Yes 08/01/2028 RM Bruce's Hill Water Scheme Incorporated 2006.268.V1 Water Supply Domestic Communal 3 502 558			Irrigation						8		Deemed
Wilson B W Wilson R A 97379 Irrigation 9 0 0 Primary Thomsons Creek Yes 07/31/2017 RM Total surface water (236 consents) 2004.389 Commercial/Industrial 0 0 0 Tribs D/S Campground Yes 05/01/2024 RM Alexandra Golf Club Incorporated 2004.389 Commercial/Industrial 0 0 0 Tribs D/S Campground Yes 05/01/2024 RM Alexandra Holiday Park Limited 9947 Irrigation 4 363 32670 Primary Tribs D/S Campground Yes 01/01/2028 RM Barry Kavanagh Badman and Esther Muriel Badman 2002.821.V1 Irrigation 4 0 0 Tribs D/S Campground Yes 01/01/2028 RM Bell G Bell J 2003.294.V1 Water Supply Domestic Communal 0 0 0 0 Tribs D/S Campground Yes 07/01/2031 RM Carey John Weaver Elizabeth Ann Weaver and John Richard Whitehead 2002.751.V1 Irrigation 13 0 0 0	·		*		-				8		RMA
41003 1292959151687365Alexandra Golf Club Incorporated2004.389Commercial/Industrial000Tribs D/S CampgroundYes05/01/2024RMAlexandra Holiday Park Limited99497Irrigation436332670PrimaryTribs D/S CampgroundYes01/31/2028RMBarry Kavanagh Badman and Esther Muriel Badman2002.821.V1Irrigation400Tribs D/S CampgroundYes01/31/2028RMBell G Bell J2000.322Irrigation600Tribs D/S CampgroundYes09/01/2020RMBrian Douglas Seymour and Glennes Ellen Seymour2003.294.V1Water Supply Domestic Communal000Tribs D/S CampgroundYes08/01/2028RMBruce's Hill Water Scheme Incorporated2006.268.V1Water Supply Domestic Communal350255860PrimaryTribs D/S CampgroundYes07/01/2031RMCarey John Weaver Elizabeth Ann Weaver and John Richard Whitehead2001.228.V1Irrigation1300Tribs D/S CampgroundYes09/01/2036RMCentral Otago District Council2003.111.V2Water Supply Domestic Communal000Tribs D/S CampgroundYes07/24/2028RMCentral Otago District CouncilRM13.194.01Irrigation000Tribs D/S CampgroundYes07/12/2028RMCentral Otago District CouncilRM13.194.01Irrigation0 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>RMA</td></t<>											RMA
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Central Otago District Council2001.228.V1Irrigation2030027000PrimaryTribs D/S CampgroundYes09/01/2036RMCentral Otago District Council2003.111.V2Water Supply Domestic Communal0000Tribs D/S CampgroundYes07/24/2028RMCentral Otago District CouncilRM13.194.01Irrigation0000Tribs D/S CampgroundYes07/18/2038RMChristopher John van der WerffRM13.277.01Irrigation000Tribs D/S CampgroundYes07/24/2038RMDirector General, Department of Conservation -Use Director General, Department of Conservation -Use2000.268Irrigation100Tribs D/S CampgroundYes08/01/2020RM		2002.751.V1		13	0	0		Tribs D/S Campground	Yes	12/03/2027	RMA
Central Otago District CouncilRM13.194.01Irrigation00<			Irrigation	20	300	27000	Primary				RMA
Central Otago District CouncilRM13.194.01Irrigation0000Tribs D/S CampgroundYes07/18/2038RMChristopher John van der WerffRM13.277.01Irrigation0000Tribs D/S CampgroundYes07/24/2038RMDirector General, Department of Conservation -Use2000.268Irrigation100Tribs D/S CampgroundYes08/01/2020RM	Central Otago District Council	2003.111.V2		0	0	0		Tribs D/S Campground	Yes	07/24/2028	RMA
Christopher John van der Werff RM13.277.01 Irrigation 0 0 0 Tribs D/S Campground Yes 07/24/2038 RM Director General, Department of Conservation -Use 2000.268 Irrigation 1 0 0 Tribs D/S Campground Yes 08/01/2020 RM	Central Otago District Council	RM13.194.01		0	0	0		Tribs D/S Camparound	Yes	07/18/2038	RMA
Director General, Department of Conservation -Use 2000 268 Irrigation 1 0 0 Tribs D/S Campground Yes 08/01/2020 RM			, , , , , , , , , , , , , , , , , , ,	-		-					RMA
Tor Consents	for Consents	2000.200	Irrigation		U	U			Tes	00/01/2020	RMA RMA



Manuherikia Catchment Water Strategy Group C/- Kate Scott

Consent Holder	Consent Number	Activity	Max Rate (L/s)	Max Daily Volume (m3)	Max Annual Volume (m3)	ORC Allocation category	Sub-catchment ¹	Consumptive Yes/No ²	Expiry Date	Туре
Doctors Point Limited	2003.296	Irrigation	0	0	0		Tribs D/S Campground	Yes	05/23/2028	RMA
Drumsara Wines Limited	2004.277.V1	Water Supply Domestic Communal	0	0	0		Tribs Downstream of Ophir	Yes	05/24/2029	RMA
Dunstan Golf Club Incorporated	2006.547	Irrigation	0	0	0		Tribs D/S Campground	Yes	09/07/2021	RMA
Glass Earth (New Zealand) Limited	2009.169	Mining	0	0	0		Pool Burn	Yes	10/20/2014	RMA
Glass Earth (New Zealand) Limited	2009.416	Mining	10	36	9000	Primary	Pool Burn	Yes	02/10/2015	RMA
Glass Earth (New Zealand) Limited	RM12.136.02 .V1	Mining	0	0	0		Tribs Upstream of Ophir	Yes	07/25/2016	RMA
Highland Springs Water Company Limited	2004.463	Water Supply Domestic Communal	0	0	0		Tribs D/S Campground	Yes	08/24/2019	RMA
James Millar Love	96753	Irrigation, Commercial/Industrial	2	43	4458	Primary	Tribs Downstream of Ophir	Yes	07/31/2022	RMA
John Charles Robert Loudon	2005.016.V1	Irrigation	0	0	0		Tribs D/S Campground	Yes	02/01/2030	RMA
John Stewart Feron and Denise June Feron	2005.576	Water Supply Domestic Communal	0	0	0		Tribs D/S Campground	Yes	05/01/2031	RMA
John Walter Holdom and Checketts Mckay Trustees Limited as Truste	2005.238.V1	Irrigation	0	0	0		Tribs D/S Campground	Yes	11/01/2025	RMA
Julie Maree Davie and Aquarius Trustees Number 923300 Limited	2002.684.V1	Irrigation	3	0	0		Tribs D/S Campground	Yes	02/01/2023	RMA
Kenneth James Higgie	2003.820.V1	Irrigation	0	0	0		Tribs D/S Campground	Yes	12/15/2028	RMA
Lindsay lan Bain and Shona Helen Bain being Trustees of the LI an	2006.535.V1	Water Supply Domestic Communal	2	0	9600	Primary	Tribs Downstream of Ophir	Yes	02/01/2032	RMA
McArthur Ridge Trustee Limited and Carla Jane Cunningham and Rona	2004.888.V1	Single Household/ Stockwater, Water Supply Domestic Communal	5	219	79935	Primary	Tribs Downstream of Ophir	Yes	02/14/2030	RMA
Minister for the Treasury	97461	Commercial/Industrial	1	0	0		Tribs D/S Campground	Yes	09/01/2017	RMA
Otago Regional Council, Director of Engineering	2000.532	Commercial/Industrial	200	0	0		Tribs D/S Campground	No	01/01/2036	RMA
Otago Regional Council, Director of Engineering	2000.662	Commercial/Industrial	200	0	0		Tribs D/S Campground	No	04/01/2036	RMA
Otago Regional Council, Director of Engineering	2000.666	Commercial/Industrial	200	0	0		Tribs D/S Campground	No	04/01/2036	RMA
Peter Gilmore Young and Kirsty Eunice Young	2006.257.V1	Irrigation	0	0	0		Tribs D/S Campground	Yes	04/01/2021	RMA
Pyle E A G & D M Family Trust	99680	Water Supply Domestic Communal	3	0	0		Tribs D/S Campground	Yes	06/01/2020	RMA
Riverview Contracting Limited	RM12.426.03	Mining	0	0	0		Pool Burn	Yes	11/17/2021	RMA
S Morris-Liley, John Benjamin Liley, Geoffrey Gordon Weller, Vivi	2000.445	Water Supply Domestic Communal	2	0	0		Tribs D/S Campground	Yes	11/01/2020	RMA
Simon Peter Curtin and Christina Helen Curtin	2005.531	Irrigation	0	0	0		Tribs D/S Campground	Yes	11/01/2025	RMA
Southern Earthworks Limited	2008.114	Mining	0	0	0		Pool Burn	Yes	11/01/2022	RMA
Springvale Central Water Co Limited	2005.718.V2	Irrigation	0	0	0		Tribs D/S Campground	Yes	01/18/2031	RMA
Springvale Water Supply Company Limited	2006.195	Water Supply Domestic Communal	1	20	6552	Primary	Tribs Downstream of Ophir	Yes	10/01/2031	RMA
Sweet Koura Enterprises Limited	99687	Water Supply Domestic Communal	7	0	0		Tribs D/S Campground	Yes	03/01/2020	RMA
Sydney Earl Attfield	2003.800	Irrigation	0	0	0		Tribs D/S Campground	Yes	08/16/2019	RMA
Trevor John Watt and Donna Lea Callaghan	2007.633.V1	Irrigation	0	0	0		Tribs D/S Campground	Yes	02/29/2028	RMA
Total Groundwater (43 consents)			691	1483	225075					
Total (279 consents)				1294441	151912440					

Notes: ¹ Sub-catchments as assessed by Golder and represent the nine sub-catchments which are related to those used in the Manuherikia Valley Hydrological Model. ² Consumptive use as assessed by Golder.

