

RIVERSDALE MUNICIPAL WATER SUPPLY

by

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Riversdale has a population of about 5000.

Between 1920 and 1970, the Municipality owned the weir situated at the confluence of the Vet and Corrente Rivers, from which water required was delivered by pipe-line and furrow. The remainder of the water was utilised for irrigation of farms.

On completion of the Corrente Dam, the weir was purchased by Department of Water Affairs who now regulate the water supply both from the dam and from the weir.

Water is now purchased from Department of Water Affairs as follows:-

For domestic use, by pipe-line from weir at 2c per 4,55 m³.

For irrigation, by furrow from Corrente Dam subject to a maximum of 7000 m³ per hectare per year. (51,4 hectares are irrigated in the municipality.) Cost of irrigation water:-

R2,40 for the first 2500 m³.

15c per 100 m³ for the next 2500 m³.

20c per 100 m³ for the remaining 2000 m³.

Water consumption for irrigation has not been measured, but assuming the maximum allowance is used, would amount to 359 800 m³ annually.

Since February 1969, water from the pipe-line has been metered and consumption figures are given in the accompanying table.

Water restrictions have never been imposed in Riversdale.

No supplies of water are obtained from springs or boreholes in the vicinity - only the permanent flows in the Vet and Corrente rivers are utilised.

Water is fresh - the Vet water is clear, pale yellow-brown in colour, the Corrente water is brown but clear.

Water consumption from pipe-line for domestic use
Riversdale Municipality (figures in m³)

	1969	1970	1971	1972	1973
J	(42420)	45920	38677	43074	42026
F	26650	37480	38024	39939	42584
M	28580	32460	28636	34218	38939
A	28910	35120	23937	39608	31773
M	27120	30310	27789	23836	26849
J	23220	22090	23468	17982	34597
J	21370	23560	19567	46157	23349
A	29230	28480	22230	24984	31336
S	25480	28620	24405	30071	
O	37420	34170	28619	33445	
N	35130	35430	30620	41686	
D	42150	35045	34974	40711	
TOTAL	367770	388685	340946	415711	

While the above figures represent actual consumption, it is estimated that this is about 60 per cent of the quantity actually purchased from Department of Water Affairs. 40 per cent is lost due to leakage in the pipe-line and leakage/evaporation in the reservoir. A new reservoir is being built and the present one will be repaired to eliminate this wastage.

Geological Survey,
 CAPE TOWN.

October, 1973.

Province **CAPE**
Skaal Scale **1:50 000**

Plas **RIVERSDALE AREA**

Nr. No.

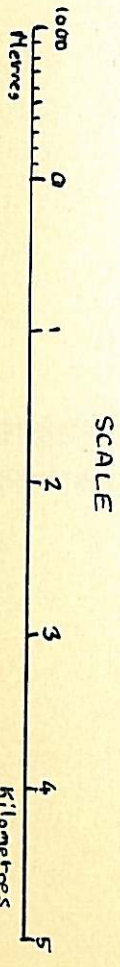
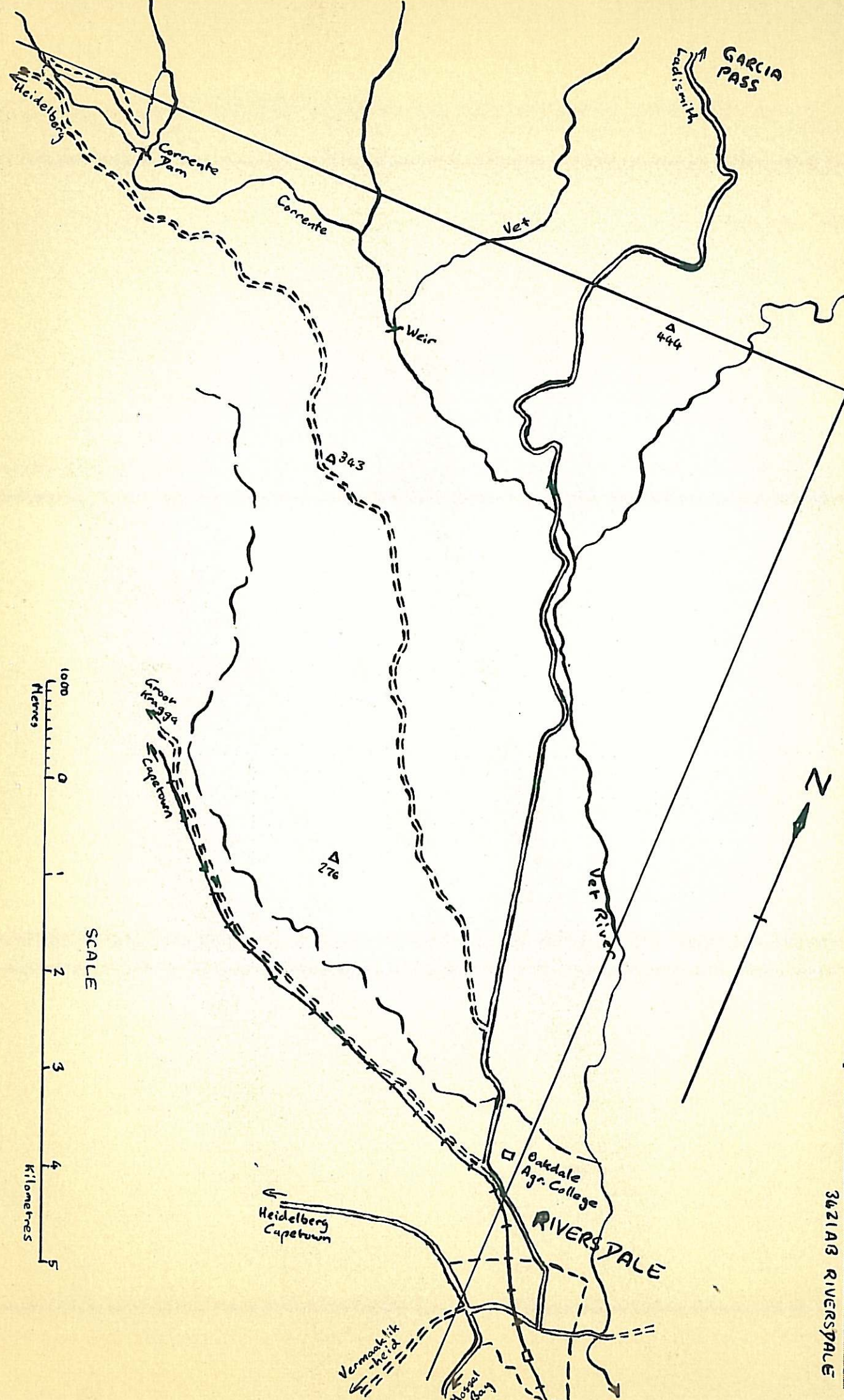
District **RIVERSDALE**

Eienaar Owner

MUNICIPALITY

Topo-Kadas. Verw. **3321CC MUISKRAAL**
Topo-Cades. Ref. **3421AA GROOT KRAGGAA**

3421A3 RIVERSDALE



SCALE