



**water affairs**  
 Department:  
 Water Affairs  
 REPUBLIC OF SOUTH AFRICA

**SUPPLEMENTARY WATER USE INFORMATION  
 TAKING WATER FROM A WATER RESOURCE  
 CANAL TECHNICAL DATA**

**1. IDENTIFICATION**

1.1 Canal number (if more than one, enter a sequence number starting from 001) 0 0 1

1.2 Construction date Y Y Y Y M M D D

1.3 Geographic location of the canal inlet (use one format only)

S   °     ' or  S       ° or  S   °       ' Cape datum Clarke 1880   
 E 0   °      ' or  E 0       ° or  E 0   °       ' WGS-84 datum HBH94

**2. CANAL DATA**

2.1 Portion of total stream flow diverted    %

2.2 Canal ownership (mark one with X)  a) private  b) shared

2.3 Canal material (mark one with X)

a) earthwork  b) masonry  c) concrete  d) other (specify below)

2.4 Canal profile (mark one with X)

a)  rectangular  b)  semicircular  c)  parabolic  d)  trapezoidal\*  e)  irregular  
 \*in the case of  d) trapezoidal, give the canal side slope:  
 for each     metre depth, the canal side slopes in by    metres

2.5 The canal bottom slope (enter as a percentage or ratio)

a) percentage slope along direction of flow (one decimal accuracy)    .  %  
 b) slope along direction of flow: for each     .   metres horizontally, the canal drops     metres vertically.

2.6 Width of top of canal (to an accuracy of 0.05 metres)       .   metres

2.7 Width of bottom of canal (if flat) to an accuracy of 0.05 metres       .   metres

2.8 Maximum water depth     .   metres

2.9 Maximum flow rate that the canal can carry is       cubic metres per day  
 (use only one unit of measurement) or       cubic metres per second  
 or       litres per second

**FOR OFFICIAL USE ONLY**

File number

Water use licence or registration number

Water management area

Received by:

Surname  Initials

Rank

Signature

Captured by:

Initials

*Date stamp of receiving office*