

Assessment of Open Channel Efficiency

This sample assessment is of the project channel - Mulwala 20

Enter data in greyed cells. Targets can be altered as required.

Channel System:	Actual	Target
1 Megalitres diverted at offtake	16,230	
2 Megalitres recorded at farm meters	14,751	
3 Megalitres delivered by pipe outlet	92	
4 Total Megalitres delivered	14,843	
5 Undelivered water (1 - 4)	1,387	
7 Irrigation Water Delivery Efficiency (IWDE)	91.45	91.45
8 Ordered at farm supply points	15,621	
9 Recorded at farm supply points	14,843	
10 Difference	778	
11 Escaped	432	
12 % of Diversion Escaped	2.66	
13 Surface Area of Channel (sq meters)	68,950	
14 Evaporation (Nett metres)	4.14	
15 Loss by Evaporation (MLs)	285.45	
16 Estimated seepage in MLs per day	0	
17 Number of days	807	
18 Loss by Seepage (MLs)	80.70	
19 Adjustment for mis-measurement to farm	590	
20 Unaccounted for loss (MLs)	-1	0
21 % of diversion unaccounted for	-0.01	0

Note : If 20 is not close to zero, check data for errors.

If still not close to zero, inputs need to be verified for accuracy