

Details of Major Projects of Water Resources Department

S. No.	Item	Remarks
1	Name of Project	Bisalpur Project
2	Purpose of project : Water Supply/Power/ Multipurpose/irrigation	Water supply & irrigation
3	Name of Dam	Bisalpur dam,
4	Year of Completion	($11^{\circ} 25' 55''$ $22.14''$ $10^{\circ} 75' 27'' 21.16''$) 1999
5	First filling (years / level)	2004/315.50 m
6	Benefit accrued:	
a.	Irrigation	81800 Ha, This year Dam received 28.385 TMC Water & Irrigation facilities will be provided in Rabi 2014-15
b.	Water Supply	Ajmer, Beawar, Kishangarh town since 1994 & Jaipur & enroute villages since 12/2008
c.	Power	Nil
d.	Other benefit	Fisheries
7	Important controlling level:	
a.	Top of dam	322.50 m
b.	Maximum water level	316.345 m
c.	Full reservoir level	315.50 m
d.	Sill level of irrigation sluices	308.28 m
e.	Sill level of scouring sluices	-
f.	Spillway crest level	302.30 m
g.	Minimum drawdown level	295.00 m
h.	Lowest river bed level	295.00 m
i.	Deepest foundation level	283.00 m

a.	Dead storage capacity	:	20.193 Mcum
b.	Area of foreshore of F.R.L.	:	212.30 M.Sqm.
c.	Design flood adopted (PMF/SPF/Any other) give relevant magnitude.	:	27297 cumecs
d.	Design spillway discharge capacity and type of spillway.	:	29046 cumecs, ogee
e.	Type, Number and size of spillway gates.	:	Radial , 18 Nos of size 15 mx 14m each
f.	Location, sill level & capacity of low level outlets and scanning sluices.	:	Nil
g.	Height of the dam in meters:		
	i. Above deepest foundation	:	39.50 m
	ii. Above lowest river bed	:	27.50 m
h.	Gross storage capacity in million cubic metres:		
	i. At F.R.L.	:	1095.84
	ii. At M.W.L.	:	NA
	iii. Length of the dam (at crest) in meters.	:	338 m at crest and 574 m Total length