

Details of Major Projects of Water Resources Department

S.N	Item	Remarks
1	Name of Project	Jawai Irrigation Project
2	Purpose of project:- Water supply/Power/Multi purpose/Irrigation/Industrial	Water supply Irrigation
3	(a) Name of dam	Jawai dam
	(b) Location : Longitude	73 ⁰ -9'-40"
	Latitude	25 ⁰ -6'-40"
	(c) Type of dam:- Earthen/Gravity/Mason/Rockfill	Masonry/Earthen
	(d) Name of River	Jawai river
	(e) Nearest City	Sumerpur
4	Year of completion (Dam)	1956-57
5	First Filling (year/level)	1950
6	Benefit Accrued	
	(a) Irrigation	Irrigation
	(b) Water supply	Water supply to Pali city & 531 villager
	(c) Power	-
	(d) Other Benefit	-
7	Important controlling levels (In Meters)	
	(a) Top of dam	1035
	(b) Maximum Water level	1028.25
	(c) Full reservoir level	1028.25
	(d) Sill level of irrigation sluices	967
	(e) Sill level of scoring sluices	Not provided
	(f) Spillway crest level	1012
	(g) Minimum draw down level	967
	(h) Lowest river bed level	913.00
	(i) Deepest foundation level	866
8	Important salient features	
	(a) Ded Storage Capacity (M.Cum)	495.50
	(b) Area of forshore at F.R.L. (Ha.)	2800 ha.
	(c) Design flood adopted (PMF/SPF/Any other) given relevent magnitude (Currency)	150000 Cusecs
	(d) Design flood adopted (PMF/SPF/Any other) given relevent magnitude (Currency)	150000 Cusecs (gated)
	(e) Type number & size of spillway gates	Vertical, 13, 50 X 16.25 Ft.
	(f) Location sill level and capacity low levell outlets and scouring sluices and scoring sluices	967
	(g) Height of the dam in mtrs.	
	i) Above deepest foundation (in m)	166 Ft.
	ii) above storage capacity in million cubic	114 Ft.
	At F.R.L.	207.519 Mcum
	At M.W.L.	207.519 Mcum
	iii) Length of dam (at crest) in meter	
	a) Overflow	754 Ft.
	b) Non Overflow	3030 Ft.
	c) Saddle	