

Details of Major Projects of Water Resources Department

S.N o.	Item	Remarks
1	Name of Project	Sardar Samand Irrigation Project
2	Purpose of project:- Water supply/Power/Multi purpose/Irrigation/Industrial	Irrigation & water supply
3		Sardar Samand Dam
	(b) Location : Longitude	73 ^o -23'-48"
	Latitude	25 ^o -50'-45"
	(c) Type of dam:- Earthen/Gravity/Mason/Rockfill	Earthen
	(d) Name of River	Sukri
	(e) Nearest City	Pali
4	Year of completion (Dam)	1905 (State time)
5	First Filling (year/level)	State time
6	Benefit Accrued	
	(a) Irrigation	No. Irrigation
	(b) Water supply	Reserve for HH Garden
	(c) Power	
	(d) Other Benefit	Not assessed
7	Important controlling levels (In Meters)	
	(a) Top of dam	225.86 M.
	(b) Maximum Water level	224.33 M.
	(c) Full reservoir level	222.81 M.
	(d) Sill level of irrigation sluices	215.19 M.
	(e) Sill level of scoring sluices	Not provided
	(f) Spillway crest level	222.62 M.
	(g) Minimum draw down level	215.19 M.
	(h) Lowest river bed level	210.51 M.
	(i) Deepest foundation level	Not available
8	Important salient features	
	(a) Ded Storage Capacity (M.Cum)	Nil
	(b) Area of forshore at F.R.L. (Ha.)	933.46 Ha.
	(c) Design flood adopted (PMF/SPF/Any other) given relevent magnitude (Currency)	2554Cumecs
	(d) Design spillway discharge capacity & type of spillway (Cumec)	2554 Cumecs byewash & Over flow
	(e) Type number & size of spillway gates	Not provided
	(f) Location sill level and capacity low levell outlets and scouring sluices	Not provided
	(g) Height of the dam in mtrs.	19.99 M.
	i) Above deepest foundation (in m)	35.00 M.
	ii) Aabove storage capacity in million cubic	12.00 M.
	At F.R.L.	88.17 Mcum

	At M.W.L.	N.A.
iii)	Length of dam (at crest) in meter	1076.Km.
	a) Overflow	855.70 Mts
	b) Non Overflow	9900 Mts
	C) Saddle	