

## Details of Major Projects of Water Resources Department

Date of inspection :- 7-11-2015

S No	Items	Remarks
1	Name of Project :	Gudha Project.
2	Purpose of Project.	Irrigation.
3	Name of Dam.	Gudha Dam. ( Lt. 25° 29' 00", Lo. 75° 28' 00" )
4	Year of completion	1958
5	1st filling (Years/levels)	1959
6	Benefits occurred :	
	a) Irrigation	10811 Ha.
	b) Water supply	Nil
	c) Power	Nil
	d) Other benefits	Fishing
7	<u>Important controlling levels (in metres) Revised.</u>	
	a) Top of Dam.	R.L. 308.91 M.
	b) Max. Water level.	R.L. 307.39 M.
	c) Full Reservoir level.	R.L. 305.86 M.
	d) Cill level of Irrigation sluices	R.L. 295.35 M.
	e) Cill level of scouring sluices	Not provided.
	f) Spill-way crest level.	R.L. 303.42 M.
	g) Minimum draw down level	R.L. 295.35 M.
	h) Lowest River bed level	R.L. 285.52 M.
	i) Deepest foundation Level	R.L. 284.32 M.
8	<u>Important salient features</u>	
	a) Dead storage capacity	1.98 M.cum.
	b) Area of foreshore at F.R.L	1859 Ha.
	c) Design flood adopted (P.M.F./S.P.F./any other) give relevent magnitude	1686 Cumecs.
	d) Design spillway Disc. Capacity & Type of spillway.	Gated Spillway/Waste weir
	e) Type No. & Size of spillway gates.	Vertical lift gated 30 Nos. 30' x 11'
	f) Location, cill level & Capacity of low level, outlets scouring sluices.	Chain 47 (R.M.C.) 7.32 Cumecs, Chain 81.75 (L.M.C.) 4.09 Cumecs at R.L. 295.35
	g) <u>Height of the dam in Mtrs.</u>	
	i) Above deepest foundation	24.59
	ii) Above lowest river bed.	23.39
	h) <u>Gross storage capacity in millions Cums.</u>	
	i) At F.R.L.	95.56 M.Cum.
	ii) At M.W.L.	124.75 M.Cum.
	i) Length of the dam (at crest) in Mtr.	
	Non overflow	2407.95 M.
	Overflow	389.02 M.