

Annexure 20b
Planning for Distribution of Water in Gangapur Dam

(022) 24936635

जा.क्र./नापावि/प्रशा-1/8049/सन 2013

नाशिक पाटबंधारे विभाग
नाशिक त्र्यंबकरोड नाशिक-2
दिनांक : 30/05/2013

प्रती,

कार्यकारी अभियंता (पर्यावरण),
नाशिक महानगरपालिका,
राजीव गांधी भवन, शरणपुर रोड,
नाशिक-02

विषय : गंगापूर धरणातून सोडण्यात येणा-या आवर्तनाबाबत माहिती मिळणेबाबत.

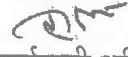
संदर्भ : आपले कार्यालयाचे पत्र जा.क्र./मनपा/पापुवमनि:/210/2013, दि. 28/5/2013.

संदर्भीत पत्रान्वये ई-मेलच्या पत्रातील मुद्दा क्र.5 संबधी मागणी करण्यात आलेली माहिती सोबत सादर करण्यात येत आहे.

- 1) गंगापूर प्रकल्पाची ठळक वैशिष्टे.
- 2) गंगापूर धरणातून गोहावरी नदीत माहे ऑक्टोबर-2012 ते माहे मे-2013 या कालावधीत सोडलेल्या पाण्याचा तपशील.

सोबत : वरीलप्रमाणे

स्थळप्रतीवर मा.का.अ.यांची सही असे


कार्यकारी अभियंता
नाशिक पाटबंधारे विभाग
नाशिक, करीता

प्रत — मा.अ.कार्यकारी अभियंता व प्रशासक, लाभक्षेत्र विकास प्राधिकरण, नाशिक यांना माहितीसाठी सविनय सादर.

SALIENT FEATURES OF GANGAPUR DAM

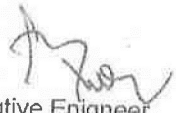
1	Name of the Project	:	Gangapur Dam Project
2	Name of the Dam	:	Gangapur Dam
3	Name of the River	:	Godawari (On confluence of Godawari and its tributary kashyapi)
4	Location	:	Latitude 20 ⁰ - 38' Longitude 73 ⁰ - 19' Toposheet No. 48 11/12
5	Name of Village	:	Gangawadi, Tal. & Dist. Nashik
6	Catchment Area	:	357.40 Sq. Kms 138 Sq.Miles
7	Submergence Area	:	2231 Hect.
8	Classification and type	:	Major, Rolled filled earthen dam.
9	Controlling Levels	:	Meter Feet
	a) T.B.L.	:	615.40 2019
	b) F.S.L.	:	612.35 2009
	c) Spillway Crest R.L.	:	606.41 1989.03
	d) Sill R.L. of R.B. Outlet	:	599.09 1965
	e) Sill R.L. of L.B. Outlet	:	589.94 1932.83
	f) Lowest River bed R.L.	:	577.75 1895
	g) Deepest foundation R.L.	:	571.03 1873
	h) Top width of Earth Dam	:	9.15 30
	i) Maximum height	:	
	1) Above river bed	:	36.58 120
	2) Above deepest fall	:	43.29 142
10	Type / Nos. and size of spillway gates	:	Ogee Shape / Tenter type radial gates of size - 9.15 x 6.10 m (30' x 20')
11	Length of Spillway	:	102.00 Mt.
12	Design Spillway Discharge	:	2294 Cumecs 81000 Cusecs
13	Length of Dam	:	3902 m
14	Storage	:	Old New
	a) Gross Storage	:	7600 Mcft 5654 Mcft
	b) Live Storage	:	7200 Mcft (203.88) 5630 Mcft (153.42)
	c) Dead Storage	:	400 Mcft 24 Mcft

15	Rainfall		
	a) Ave. annual rainfall at Trimbak	2250 mm - (90")	
	b) Av. Annual rainfall at Waghera	2300 mm - (92")	
	c) Av. Annual rainfall at Gangapur Dam.	750 mm - (30")	
16	Year of Construction start	:	1947
17	Year of completion	:	1957
18	Outlets	:	NRBC Outlet NRBC Outlet
	a) Location	802 m (2630') I	716 m (2350')
	b) Sill R.L.	589.27 m	599.08 m
	c) M.D.D.L.	591.920 m	
	d) Operation Head	23.60 m	13.41 m
	e) Max. Design discharge	415 Cusecs	135 Cusecs
	f) No. of Gates & Size	2 Nos 2.44 x 2.44 m	2 Nos 1.37 x 1.37 m
	g) Conduit	Horse shoe type double barrel	Horse shoe type single barrel
	h) Length	115.85 m	57.30 m
19	Canal		
	1) Length	62.40 Kms.	30.40 Kms
	2) G.C.A.	23200 Ha	7200 Ha
	3) C.C.A.	16500 Ha	5400 Ha
	4) I.C.A.	12190 Ha	3770 Ha
20	Cost of the Project	:	Rs. 500 Lakhs


EXECUTIVE ENGINEER
NASHIK IRRIGATION DIVISION
NASHIK

Water released in Godavari river from Gangapur Dam
(Year 2012-2013)

Sr.No.	Month	Period of water release	Water released in Godavari river (In MCFT)	Remark
1	October 2012	Nil	Nil	
2	November 2012	22/11/2012 to 23/11/2012	30.25	
3	December 2012	21/12/2012 to 22/12/2012	30.25	
		25/12/2012 to 26/12/2012	17.28	
		31/12/2012	17.28	
		Total	64.81	
4	January 2013	01/01/2013 to 02/01/2013	62.66	
		07/01/2013 to 19/01/2013	314.43	
		Total	377.09	
5	February 2013	Nil	Nil	
6	March 2013	30/03/2013 to 31/03/2013	40.28	
7	April 2013	03/04/2013 to 07/04/2013	88.24	
8	May 2013	01/05/2013 to 15/05/2013	374.85	
		24/05/2013 to 26/05/2013	55.83	
		Total	430.68	


 Executive Engineer
 Nashik Irrigation Division
 Nashik