

**CHECK LIST SERIAL NUMBER - 40****PROJECT NOTE****SAVARGAON STORAGE TANK, TAL-NIPHAD, DIST-NASHIK**

State serial No. of proposal:- FP/MH/IRRIG/30816/2017

**1) Location:-**

The Savargaon Storage Tank Irrigation Scheme envisages construction of an earthen dam across the Vadali River near Village Savargaon, Tehsil-Niphad, Dist-Nashik. The catchment area up to the dam site is 130.39 Sq.Km. The 50% dependable yield utilized is 2349.62 T.Cum. Total Irrigable area is 248 Ha.

The dam site is 25 Km away from Niphad the Tehsil place.

**2) General Description:-**

The project envisages construction of an earthen dam 355 m in length with maximum height 19.27 m in gorge. A clear over fall type non gated Waste Weir on Left Bank of 105 m length is proposed between Ch. -45 m to 65 m.

**3) Cost and Outlay:-**

This scheme is administratively approved by Government of Maharashtra, Water Conservation Department vide Govt. Resolution No. S.T./1312/P.No.57/12/Jal-1, Mantralaya, Mumbai Dated 4 March 2014 for 1174.00 Lakhs. The work portion is Rs. 1103.39 Lakhs and Centage Charges is Rs. 70.40 Lakhs.

**4) Justification for locating the scheme in the Forest area:-**

- (a) The Length of dam is minimum.
- (b) More catchment area is available.
- (c) Comparatively less height of dam for maximum storage.
- (d) More command area is available.
- (e) Suitable site for good foundation in rock.
- (f) Comparatively less submergence area.

The scheme is situated in D.P.A.P. area of Niphad Tehsil and it is most essential for Irrigation to maintain an assured supply of water for increasing food production by way of double cropping and also drinking water supply to Savargaon and nearby villages.

The present irrigation project is a part of this national effort. It is accepted to meet all objective viz-protection from famine improvement is yield and consequent increase in gross national product (G.N.P.) and level of economy and bring all round prosperity to the region.

**5) Financial and social benefit:-**

The economic viability of the project has been estimated by comparing the flow of investment and returns too.

**6) Employment generated:-**

As per administratively approved estimate an employment potential will be 40% of cost have been estimated below.

The cost of scheme is Rs. 1174.00 Lakhs.

Employment potential at 40% =  $1174.00 \times 0.40 = 469.60$  Lakhs. Considering Rs. 275/- per Man day 1.71 Lakhs man days will be generated.

**7) Total population benefited:-**

**A) By lift Irrigation through reservoir and nalla about total irrigable command area of 248 Ha. agriculture land from village Savargaon, Khadak Malegaon of Niphad Tehsil and Devargaon, Gurhale of Chandwad Tehsil.**

Near about 6000 souls from area of Savargaon and nearby villages benefited.

**B) Drinking water supply to Savargaon and nearby villages from the reservoir.**

### 8) Brief Economical Features of the Project:-

Sr. No.	Particulars	Details
1.	Estimated Cost Rs. In Lakhs	Rs. 11,74,00,000/-
2.	Total Command area	310 Ha.
3.	Irrigable area	248 Ha.
4.	Cost per T.C.M.	Rs.49966/-
5.	Benefit cost ratio	1.07

8 (1) The work is administratively approved by Government of Maharashtra, Water Conservation Department vide Govt. Resolution No. S.T./1312/P.No.57/12/Jal-1, Mantralaya, Mumbai Dated 4 March 2014

8 (2) The Scheme is Technically Sanctioned by Chief Engineer, Small scale Irrigation (Water Conservation) Pune vide T.S. No. 76 letter No. C.E. / S.S.I. (W.C.) SDO-1 / PB-5 / 4464 /2014 Dated 25/07/2014

8 (3) Work of scheme has not been started.

8 (4) As there is no other suitable site nearby in private land for the construction of dam and submergence of the scheme present alternate but to acquire the required Forest Land.

8 (5) The Forest Land proposed for acquisition is the barest minimum required.

8 (6) The up to date expenditure incurred on the scheme is Nil as no work has been starts so far.

The construction work of this dam will be taken up in Nov 2017 hence clearance of the Forest Land is quite essential. The formality of Non Forest Land acquisition procedure is already in progress.

It is assumed that the completion of this project will take about Three years. The Irrigation will start on completion of scheme and will be fully developed at the end. On completion of third year from start of construction of the project it will bring prosperity if food production and also fulfill requirement of drinking water for Savargaon and nearby villages.

The project is attractive from technical point of view and also economically feasible as considering the norms of Minor Irrigation Project and therefore deserves priority for construction.

**9) The area benefitted by this project is 248 Ha. The total 4 villages Savargaon and Khadak Malegaon of Niphad Tehsil and Villages Devargaon and Gurhale of Chandwad Tehsil of Nashik District. The water supply for drinking water to Savargaon and nearby villages will also be provided from this scheme.**

The completion of the project will result in assured Irrigation and food production, drinking water supply and also financial stability to the district. Therefore sanction to the Forest proposal may please be accorded as early as possible.

**10) Conclusion:-**

The project is technically attractive and economically feasible. The value of overall benefits in term of agricultural production and other indirect benefits are considerably more than the capital investment involved in the project.

Considering the above mentioned benefits the project deserves priority for construction and therefore submitted for early clearance.



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**ADDITIONAL INFORMATION AS PER GOVT. LETTER DATED: 22 /25-2-83**

**Name of Project:- Storage Tank Savargaon, Tal: Niphad, Dist: Nashik**

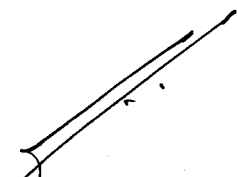
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A.	Total catchment area of dam	:	130.39 SqKm.
B.	Full Reservoir Level	:	92.50 M
C.	Total Command area	:	248 Ha. (ICA)
D.	High Flood Level	:	96.50 M
E.	Minimum water draws down level (Sill R.L.)	:	86.00 M
F.	Maximum height of dam	:	19.27 M
G.	Total No. of family benefitted (Population)	:	6000 Souls
H.	Total No. of families & population affected	:	..Nil..
I.	Total area involved for the scheme in ha. And its break up Forest land and other Land.	:	81.89 Ha.

Sr. No.	Item	Village	Forest Area			Total Forest	Private Area
			R.F.	W.P.F.	35 Section		
1	Dam Seat	Savargaon	1.80	0.00	0.00	1.80	0.00
		Khadak Malegaon	0.00	0.00	0.00	0.00	0.30
2	Waste Weir	Khadak Malegaon	0.00	0.00	0.00	0.00	2.02
3	Submergence	Savargaon	6.09	0.00	0.00	6.09	29.08
		Khadak Malegaon	0.00	0.00	0.00	0.00	26.36
		Gurhale	0.00	0.00	0.00	0.00	1.39
		Devargaon	0.00	0.00	0.00	0.00	14.85
4	Others		0.00	0.00	0.00	0.00	0.00
		<b>Total Ha.</b>	<b>7.89</b>	<b>0.00</b>	<b>0.00</b>	<b>7.89</b>	<b>74.00</b>



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