

CHECK LIST SERIAL NUMBER - 40

PROJECT NOTE

**NAME OF PROJECT: - GRAVITY DIVERSION SCHEME NANASHI LINK CUT/ CANAL,
TAL: DINDORI, DIST: NASHIK.**

1) Location:-

Gravity Diversion Scheme Nanashi envisages construction of an earthen dam across local nalla and link cut/ canal near Village Nanashi, Tehsil-Dindori, Dist-Nashik. The catchment area up to the dam site and collecting channel is 1.00 Sq.Km. The gross yield of the project is **1.56 Mcum** out of that **0.56 Mcum storage will be used for irrigation (57Ha.) & drinking water to Nanashi and nearby villages in tribal area.** And remaining yield **1.00 Mcum will be diverted through link cut/ canal in deficit Godawari basin.**

The Scheme involves construction of earthen dams, **Collecting Channel and Link Cut/ Canal for diverting water from west flowing basin to deficit East flowing Godawari basin.** A tunnel through private lands was proposed for diverting water to East Basin does not require any forestland. So the works of dam, collecting channel are completed. As tunnel is very near to village Nanashi, the local villagers/Land owners & Local MLA apposed strongly to construction of tunnel. So diversion of water through Link Cut/ Canal is proposed and sanctioned by competent authority of state Government. So necessity of 3.48 Ha Forest land is involved for Link Cut/ Canal of this project.

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

2) General Description:-

The project envisages construction of earthen dams, water collecting Channel and Link cut/ Canal for diverting the west flowing water to deficit East flowing Godawari basin.

3) Cost and Outlay:-

Nanashi Gravity Diversion Scheme is included in Upper Godawari Major Project. The Scheme is **Administratively Approved** by Government of Maharashtra, vide **Resolution No. UGP/ 0777 / 748 / (433/07) M.P./ C.1, dated 14/07/2008 for Rs. 1514.10 Lacks.**

The Scheme is **Technically Sanctioned** by Chief Engineer, Water Resources Department, North Maharashtra Region, Nashik vide R. No. 49/2009 letter No. **NMR/T-1/3482/2009 dtd.21/08/2009 for Rs. 482.50 Lacks.**

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

A tunnel through private lands was proposed for diverting water to East Basin does not require forestland. As tunnel is very near to village Nanashi, the local villagers/Land owners & Local MLA apposed strongly to construction of tunnel. So diversion of water through Link Cut/ Canal is proposed and sanctioned by competent authority of state Government. So necessity of 3.48 Ha Forest land is involved for Link Cut/ Canal of this project. There is no alternative available for link Cut/ Canal. The proposed site of link cut/ canal is most economical and technically suitable and has been approved by the Chief Engineer, Government of Maharashtra Water Resources Department Mumbai.

- (a) The Length of Link cut/ Canal is minimum.
- (b) More catchment areas are available.
- (c) Comparatively less height of link Cut/Canal.
- (d) More command area is available.
- (e) Suitable site for good foundation in rock.

The scheme is situated in Tribal area of Dindori 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 Nanashi 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. 1514.10 Lakhs.

Employment potential at 40% = $1514.10 \times 0.40 = 605.64$ Lakhs.

Considering for unskilled Rs. 469/- per Man day & for Skilled Rs. 515/Manday labour potential will be generated as below.

- 1) **Permanent:-** Skilled:- 2160 Mandays
(Indirect) Unskilled:- 4320 Mandays
- 2) **Temporary:-** Skilled:- 5880 Mandays
(Direct) Unskilled:- 45197 Mandays

Labours employed everyday: - 47 Labours everyday considering three years period.

7) Total population benefited:-

A) By Canal and lift Irrigation through reservoir and nalla about total irrigable command area of 57 Ha. Agriculture land from village Nanashi of Dindori Tehsil.

Near about 500 souls from area of Nanashi and nearby villages benefited.

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

8) Brief Economical Features of the Project:-

Sr. No.	Particulars	Details
1.	Estimated Cost Rs. In Lakhs	Rs. 1514.10
2.	Total Command area	65 Ha.
3.	Irrigable area	57 Ha.

8 (1) Nanashi Gravity Diversion Scheme is included in Upper Godawari Major Project. The Scheme is **Administratively Approved** by Government of Maharashtra, vide **Resolution No. UGP/ 0777 / 748 / (433/07) M.P./ C.1, dated 14/07/2008 for Rs. 1514.10 Lacks.**

8(2) The Scheme is **Technically Sanctioned** by Chief Engineer, Water Resources Department, North Maharashtra Region, Nashik vide R. No. 49/2009 letter No. **NMR/T-1/3482/2009 dtd. 21/08/2009 for Rs. 482.50 Lacks.**

8 (3) **Work of Link cut/ Canal has not been started.**

8 (4) **As there is no other suitable site nearby in private land for the construction of Link Cut/ Canal 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 started so far.**

The construction work of this dam will be taken up in Oct. 2021 hence clearance of the Forest Land is quite essential.

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 in food production and also fulfill requirement of drinking water for Nanashi 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.

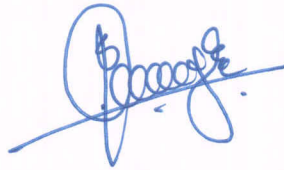
9) The area benefitted by this project is 57 Ha. of village Nanashi of Dindori Tehsil of Nashik District. The water supply for drinking water to Nanashi and nearby villages will also be provided from this scheme.

The completion of the project will result in assured Irrigation and food production, drinking water supply and also financial stability to the district. Also the scheme will divert water from west flowing basin to deficit East Godawari basin. Therefore sanction to the Forest proposal may please be accorded as early as possible.

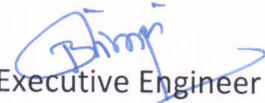
10) Conclusion:-

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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