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OFFICE OF THE ENGINEER-IN-CHIEF,  
WATER RESOURCES DEPARTMENT,  
JAL SANSADAN BHAWAN, TULSINAGAR, BHOPAL (M.P.)

Bhopal, Dated 30 March 2011

To,

- I. All Chief Engineers, Water Resources Department,
- II. The Director, Data Centre, Water Resources Deptt., Bhopal

**Sub : Site selection for Spill Channel.**

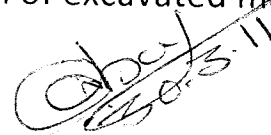
Shankarpura Tank Scheme district Ujjain is a minor ongoing scheme. The waste weir is located on the right side of the dam. The spill channel of this dam is proposed to be connected to a small local nalla having very low discharging capacity. As a result huge quantity of excavation is proposed to be done to accommodate designed flood and land is to be acquired.

On investigation, it is found that the spill channel along the sidelong ground is feasible. This shows the negligence on the part of the then Sub Divisional Officer and Executive Engineer. Due to these mistakes scheme is now unfeasible with cost per hectare about Rs. 3.50 lakhs. Disciplinary action against the responsible officers is in process.

It is, therefore, instructed that: -

- 1) Location of Waste-weir and spill channel should be decided with utmost care.
- 2) Releasing of flood discharge into a smaller nalla may cause severe damage to the adjacent fields of that nalla.

- 3) As far as possible, the spill channel should be designed to join the parent nalla directly and not through any smaller nalla.
- 4) Spill channel should be used as borrow area for earth dam.
- 5) Full excavation beyond first fall is not required. Only a pilot channel to accommodate 30% discharge will be sufficient. By retrogression in due course of time, it will achieve its regime section.
- 6) Not less than 60% amount of spill channel excavation should be entered as minus entry in the 'L' Earthwork sub head to account for utilisation of excavated material.



(M.G. Choubey)

Engineer-in-Chief,  
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