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21/5.2019



**GOVERNMENT OF KERALA**

**Abstract**

Water Resources Department -Modifications to Standard Operating Procedures (SOP) for desiltation of Reservoirs in Kerala and Desiltation of Chulliyar and Mangalam Reservoirs as Pilot Projects- Sanction accorded-Orders Issued.

**WATER RESOURCES (IR) DEPARTMENT**

**G.O.(Ms)No.14/2019/WRD Dated, Thiruvananthapuram, 14/05/2019**

Read 1 G.O (Ms) No.79/2017/WRD dated 26.09.2017

2 G.O (Rt) No.425/2018/WRD dated 16.06.2018

3 Minutes of the Second Empowered Committee meeting dated 21.03.2019

**ORDER**

As per G.O read as 1<sup>st</sup> paper above, Government have approved the Standard Operating Procedure (SOP) for Desiltation of reservoirs in Kerala and Desiltation of Mangalam and Chulliyar dams as pilot projects.

2) As per G.O read as 2<sup>nd</sup> paper above, Government have constituted a Technical Committee and Empowered Committee as envisaged in Standard Operating Procedure (SOP) for Desiltation of reservoirs in Kerala.

3) As per the paper read 3<sup>rd</sup> above, the Second Empowered committee meeting held on 21.03.2019 decided to propose certain modifications. Government have examined the modifications in detail and are pleased to accord sanction for the following amendments in the SOP for Desiltation of Reservoirs:

i) Desiltation in all other dams shall be carried out along with Desiltation in Mangalam and Chulliyar dams, as approved by the Empowered Committee.

ii) The power of making amendments in SOP shall be delegated to the Empowered Committee headed by Chief Secretary to avoid delays.

iii) SOP shall be made applicable to major ponds in Kerala to ensure more storage capacity by desilting these ponds wherever possible.

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iv) A portion of the Desilted sediments (clay) shall be given to the farmers based on their agriculture area for the purpose of agriculture; in tractor loads and the rest of the sediments shall be disposed off after calling expression of interest and shall be included in Clause (viii) of Appendix to the SOP and the quantity and quality of the sediments from the Desilted area should be assessed by a committee consisting of representatives from Local Self Government Bodies, Peoples Representatives and Revenue Department. Detailed guidelines will be issued separately.

v) The modification of clause (v) of Appendix in SOP to limit the separation of Desilted material to boulder, gravel, sand, and "clay and residue" where "clay and residue (including organic matter)" shall be considered as a single item and the action of the Irrigation Department in having calculated the estimated quantity of different sediment components based on the modified classification is ratified.

vi) The modification of clause (iv) of the Appendix in SOP to the effect that Administrative Sanction for any Desiltation projects shall be issued by the Administrative Department without getting approval of Finance Department and Chief Technical Examiner, once the DPR (for both bidding method namely work contract and turnkey method), the bidding method and the number, frequency and amount of instalments to be remitted to Government in the turnkey method, wherever the latter is chosen as the bidding method, as approved by the Empowered committee on Desiltation of reservoirs.

vii) The modification of clause (iii) of Appendix in SOP to the effect that the grid size for estimation of quantity and composition of sediment shall be from 50m x 50m to 200m x 200m.

viii) In clause (v) of SOP, it is included separation for wet sediment only. It shall be modified to the effect that dry separation for dry sediments and wet separation for wet sediments to circumvent the need for further addition of water to dry sediments and treatment of the waste water so generated which would result in both time and cost savings.

4)The GO read as 1<sup>st</sup> paper above stands modified to the above extent only.

(By order of the Governor)  
**DR.B.ASHOK IAS**  
**SECRETARY**

To:

The Additional Chief Secretary, Finance Department

The Principal Secretary, Revenue Department  
The Principal Chief Secretary, Forest & Wild Life Department.  
The Secretary, Power Department.  
The Principal Secretary, Industries Department  
The Principal Secretary, Environment Department  
The Principal Secretary, LSGD Department  
The Land Revenue Commissioner, Thiruvananthapuram  
The Principal Chief Conservator of Forests, Thiruvananthapuram  
The Director, Ports Department, TVM.  
The Director, Mining and Geology Department, Thiruvananthapuram.  
The Chairman and Managing Director, KSEB, TVM.  
The Managing Director, KWA, TVM.  
The Chief Engineer, Irrigation & Administration, Thiruvananthapuram.  
The Chief Engineer, IDRB, Thiruvananthapuram.  
The Chief Engineer, Project I, Kozhikode.  
The Chief Engineer, Project II, Thiruvananthapuram.  
The Chief Engineer, Kuttanad Package & Inland Navigation, Alappuzha.  
The Chief Engineer, ISW, Thiruvananthapuram.  
The Chief Engineer(Mechanical), Irrigation Department, TVM.  
The Chief Engineer, KSEB, TVM.  
The Chief Engineer[Administration], KWA, TVM.  
The Director, National Centre for Earth Science Studies, TVM.  
The Principal Accountant General (Audit/A&E), Kerala,  
Thiruvananthapuram.  
General Administration (SC) Department (Vide item no.3004 dated  
02.05.2019).  
Finance Department [vide UO No.509046/Ind & PW-B3/17/Fin dated  
17.01.2019].  
Revenue Department.  
Power Department.  
Industries Department.  
Forest and Wild life Department.  
Environment Department.  
Local Self Govt Department.