

Status of Song Dam Drinking Water Project, Uttarakhand

The Irrigation Department, Govt of Uttarakhand, vide letter no 3785/EinC/ID/Camp dated 07/09/2018, had informed about the proposal/intention of construction of the Song Dam Project for drinking water supply in Dehradun. It is envisaged to construct a 148.25 m high Roller Compacted Concrete (RCC) Dam and 14 km long pipeline to Water Treatment Plant to cater to the drinking water needs of Dehradun. Irrigation Department, Govt of Uttarakhand had proposed that this being a high dam, the technical examination/appraisal of the DPR may be done by CWC. Further, CWC, vide letter dated 28/09/2018, had requested the Irrigation Department, Govt of Uttarakhand to submit the duly completed DPR to CWC for the examination of the technical aspects and suggestions on the same. In response to this, Irrigation Department, Govt of Uttarakhand has submitted the “Proposal for the construction of the Song Dam Drinking Water Project” along with the Report on Study of Hydrological Aspects of Proposed Song Dam Drinking Water Project from the Govt of Uttarakhand vide letter dated 06/12/2018 and the Govt of Uttarakhand has sought the “in-principle” consent of CWC on the proposal as it involves the construction of a 130 m high dam. The Govt of Uttarakhand has also informed that the DPR of the Song Dam Drinking Water Project is under revision and the major Geological investigations have already been completed and a few additional Geological investigations, as per CWC Guidelines, are in progress.

Subsequently, the Proposal and the Study Report were circulated to the concerned specialized offices of CWC vide this office letter dated 07/12/2018 for appraisal of the relevant technical aspects. In the meanwhile, a Presentation on the Song Dam Drinking Water project proposal was held at CWC, New Delhi on 08.01.2019 and various suggestions were offered by CWC to the Irrigation Department, Government of Uttarakhand. The Design chapter of DPR in respect of Song Dam Drinking Water Project was also received from the project authority (Irrigation Department, Government of Uttarakhand) and the same was forwarded to the Design Wing of CWC on 16.01.2019 for necessary examination. The design aspects were discussed with Project Authority and suggestions on design chapters were offered by CWC.

The status of examination of various technical aspects is as given below:

- The Dam Design aspect has been accepted by CWC on 31.10.2019 and same has been communicated to the Project Authority.
- The site specific seismic study for determination of design earthquake parameters for this project has been approved in the 34th meeting of the National Committee on Seismic Design Parameters (NCSDP) on 26.02.2019.

- The report on water availability study has been communicated to project authority on 25.04.2019.
- The report on design flood has been communicated to project authority on 06.05.2019.
- The report on sedimentation study has been communicated to project authority on 13.05.2019.
- The clearance of CWC on the inter-state aspects (vide letter dated 06.01.2020) was communicated to project authority through email dated 06.01.2020.
- No objection of Foundation Engineering & Seismic Aspects was communicated vide CWC letter dated 24.02.2020.
- Duly signed Check-List for International Clearance has been sent to FM Wing of DoWR, RD&GR on 10.10.2019. The clearance from FM was received vide FM wing letter dated 19.11.2019.