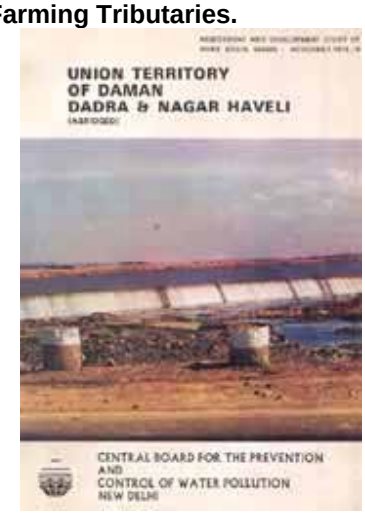
List of Publications

Ionic Balance of Water Quality at Uttarakhand Ganga - Farming Tributaries.

Foreword



The Ganga has been the most prominent and sacred river of Inrlia through ages. Its water has been acclaimed the holiest in Indian mythology and its basin, therefore, houses a large number of pilgrimage centres al~ along the course starting from its origin to estuary where people throng in la~ge numbers to take holy dip which, ihey consider, purge away sins. It is, therefore, imperative to restore and maintain river water at various reaches to such qualities as are needed for their designated best uses. With this objective the Central Board for the Prevention and Control of Water Poliution has under taken the task of river basinwise pollution potential assessment not only for the Ganga but also for other rivers to frame control management programmes and the information available are disseminated through the Assessment and Development Study of River Basin Series (ADSORBS).

Studies have earlier been conducted for water quality monitoring of the Ganga and its tributaries at various reaches except the upper stretch and the data reported through Central Board's Publications: ADSORBS/2/1980-8l, ADSORBS! 4/1980-81 and ADSORBS/7/1982-83 covering the entire course from Rishikesh to Gangasagar, the confluence with the Bay of Bengal. But routine monitoring of the stretch from the origin of the Ganga to Rishikesh, where it leaves the mountainous track and reaches the plains, is still not possible due to difficulties in sampling and subsequent chemical analyses. .

To have an on the spot accOunt of the water quality status of the Uttarakhand Ganga-forming tributaries, a survey was made by Central Board collecting a few grab samples at various points (pre monsoon period) and getting them analysed in the Central Board's , Laboratory. Though brief, the study revealed certain important findings from the ionic balance of the water of different tributaries combining to form the Ganga which have been highlighted in this report.

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