

Integrated Water Resource Evaluation using CII's WATSCAN Tool, for Deoband, Khatauli and Chandanpur plants.

CII-Triveni Water Institute, through the proposed study intends to apply integrated water management approach through application WATSCAN Tool to 3 plants of TEIL – Deoband, Khatauli and Chandanpur for preparing a roadmap for water conservation and management.

The project will undertake watershed assessment for TEIL's 3 Sugar Mills to assess water risks (scarcity/water logging) in the Mill watershed to broadly identify areas for improvement. Cane Command Area (CCA) map of the respective Sugar Mills would be digitized and superimposed on the delineated watershed map for identification of areas within the CCA prone to water stress/abundance.

The study would be helpful in understating the water challenges in the low-lying areas in the cane command area of the various plants and/or Upland areas that are likely to face water stress during the bad monsoon years. Based on the findings and outcomes of the study broad list of potential strategizes (Short/Medium/Long term) for improving water scenario in the watershed will be provided.