

(i) Project title : Setting up of Common Effluent Treatment Plant (CETP) -150 KLD at Ajrakhpur, Bhuj (Sponsored by Ministry of Textiles, Govt. of India)

Objectives : · Environment protection
· Ground water saving
· Energy conservation through reduction in ground water lifting
· To increase investment opportunity
· Creation of employment opportunities through overall business growth

Scope of work : · Preparation of DPR with detailed BOQ · Preparation of drawings, tendering & tender evaluation
· Supply, construction, installation of all civil units as per the design and drawing
· Supply & installation of electro-mechanical equipment as per the design and specification
· Piping work and Hydraulic testing
· Setting-up of testing lab
· Commissioning of CETP and performance analysis
· Training of manpower
· 6 months hand holding

The foundation stone of the Common Effluent Treatment Plant (CETP) was laid on March 18, 2017 by Union Textile Minister Smt. Smriti Zubin Irani.

Research Outcome : · Detailed project report (DPR) has been prepared, contract awarded through tendering
· Prepared environmental impact assessment report
· Environmental clearance (EC) obtained
· Consent to Establish (CTE) has been granted by the Gujarat Pollution Control Board

· Electromechanical work including fabrication of tanks have been completed
· Civil work completed
· Project is completed
· Pictures of CETP Bhuj are shown in Fig.1 to Fig.4



Fig.1: Reaction Tank & Settler-1



Fig.2: Secondary Clarifier and MBBR cum Aeration Tank



Fig.3: Secondary Clarifier & Settler-2



Fig.4: Washing of clothes with treated water