

DR. JIVRAJ MEHTA INSTITUTE OF TECHNOLOGY, MOGAR

CIVIL ENGINEERING DEPARTMENT

**REPORT ON INDUSTRIAL VISIT TO WATER TREATMENT
PLANT VAPI**

ON

31st August 2019

SUBJECT: Report on industrial visit to water treatment plant & sewage treatment plant at vapi

Students of civil engineering BE, along with three faculty members visited water treatment plant at vapi, surat. On 31st August 2019 with your permission. 32 students, day scholars and hostellers alike assembled at 6 am and left the ganesh crossing in bus that were arranged for the occasion. We reached our destination by morning 11 O'clock where we were given a warm welcome. we were taken into the plant in batches, each with an instructor from the plant itself.

INTRODUCTION ABOUT PLANT

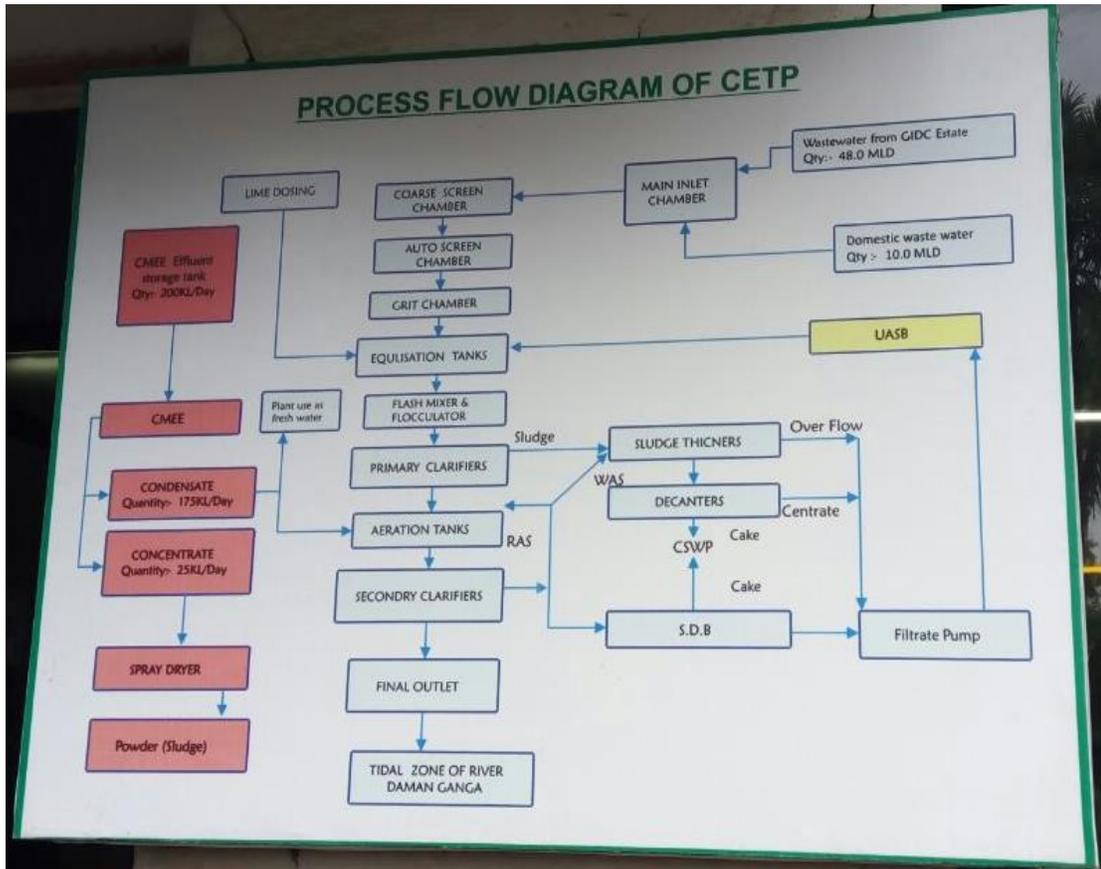
AREA:-GIDC, vapi ,Gujarat.

TYPE:-water treatment ,sewage treatment

Over the next few hours, we were shown and briefed about the various phases of water treatments in a plant there we have shown filtration, screening, chlorination, flocculation, aeration, septic tank, sedimentation process and its layout , etc..phases to be processed there. This plant has also treatments sewage waste water. This plant has treat large amount of waste water.

CETP would be viable in an estate like vapi where a large number of small units were concentrated in a small area. This view was endorsed by VIA and the government gidc and GPCB and a working group was constitute GIDC was appointed as a nodal agency and assigned with the task of building up appropriate facility for waste water treatment.based on the feasibility study made by NEERI

and the design of Kirloskar consultants. GIDC has constructed a CETP with the capacity to treatment to treat 55 MLD at an estimated cost of Rs. 20 crores. 40% of the cost was initially contributed by the industries and the remaining amount to be paid to GIDC in 32 quarterly installments with interest.



PROCESS FLOW DIAGRAM OF CETP

We are extremely grateful to principal Sir, for having given us this opportunity and to our HOD and the faculty of the civil department for making it possible. This trip was immensely useful to us and the concepts we learnt will be forever embedded in our minds.

overview

By observing all the given things we can conclude that the company is of big scale industry. The company exports the products all state and country .Most of the export products are of India itself.

PHOTOS GALLERY



Mixing tank,



Equalizations tank,



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