



Ichalkaranji Municipal Corporation

Subject: Compliance report as per the order given to Ichalkaranji Municipal Corporation under NGT Matter- Application No.563/2022 filed by Vrinda Basu Vs State of Maharashtra dt. 01.03.2023.

Current Status :-

Ichalkaranji Municipal Corporation, Dist- Kolhapur became a 28th Municipal Corporation ('D' Class) on 29th June 2022. Currently the population of the city is around 3,47,000 approx. Total demand of water supply of the city is 54 MLD. water demand of city is carried out from two major sources i.e. River Panchganga and River Krishna. Ichalkaranji Municipal Corporation (here fore called as IMC) has two separate water supply schemes from these two rivers. Panchganga river water supply scheme (18 MLD) established in 1957 is situated at around 3 km from the city limit and Krishna river water supply scheme (45 MLD) established in 1998 is situated at around 18 km from city limit. Considering the future extension of city and population forecasting, IMC has got sanction the water supply scheme from River Dudhganga (89 MLD) from the ministry of Urban Development, State Maharashtra under AMRUT 2.0 Mission.

River Panchganga is major Drinking, Agriculture and Industrial water supply source for Kolhapur District. 2 Municipal Corporations, 139 villages, 3 Municipal Councils, 9 Sugarcane processing factories, 2 MIDCs are the major consumers depends upon the river Panchganga. Due to rapid growth of urbanization and industrial development in above specified areas, water pollution problem arises in Panchganga river from last two decades. Central, State government, local bodies and Sugar cane Industries, MIDCs collectively doing their best to overcome the water pollution problem. State and Central Government has taken preventive actions and also has taken several projects to reduce the water pollution of river Panchganga but still we are facing the Water Pollution problem at upmost.

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Under Ground Drainage Scheme:-

1. Existing Scheme :-

The population of Ichalkaranji city is 12751 as per 1981 census and two lakh 35 thousand 856 according to 1991 census and the estimate for the year 2003 is 2,50,000. In the Ichalkaranji Improved Water Supply Scheme, the per capita water consumption of 250,000 people is assumed to be 180 liters per day, so in the underground sewerage scheme, 80 percent of sewage is assumed to be 145 liters per capita per day, so the total average sewage per day is 38 MLD. And underground drainage scheme IMC had received administrative approval for construction of STP dated 22.06.1994. And underground drainage scheme for collecting waste water as well as sewage with a STP of 20 MLD capacity is completed in year 1998. The household connection to this underground drainage is under process. This scheme covered about 50 % of Gautan area of ichalkaranji city.

2. STP Details :-

IMC has one STP of 20 MLD capacity located at Sangli road, ichalkaranji. As Existing STP is constructed in 1998. Total waste water generation in city is around 40 MLD out of which nowadays IMC is treating 20 MLD domestic sewage waste water and then treated water is used for agriculture purpose near by the STP. The rest of the water is then mixed with the river through the stream. For remaining untreated 18 MLD sewage waste water IMC has constructed 5 KT (Kolhapur type) weirs five various location to give primary treatment to sewage water. At this KT weirs IMC has provided bleaching powder dosing and operated regularly.

IMC has carried out straightening work for existing STP plant IMC has (removal of sludge from aeration tank/clarifier, electric inspection of STP, repairs of aerator) etc. These all work has been completed through the IMC.

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IMC has carried out the physical and chemical test of domestic waste water from STP. Also IMC has carried out straightening work for existing is STP plant in which IMC has (90 hp of two submersible pump, 180 HP of two sewage submersible pump, 400 kVA generator, 2 chlorinated, control panel) etc replaced all the machineries of pumping station.

2.1 Septic Tank Details :-

IMC had covered earlier 81km of drainage pipeline and under UIDSSMT Scheme IMC had completed 61 km of pipeline till now they have achieved 141km in total. In total City Household which are having septic tanks -32285HHs and Household with sewer network are - 21869 Household.

Ichalkaranji Municipal Council has 1 nos. of desludging trucks of 4000 Lit. capacity. Existing private operator in Ichalkaranji has 1 no. of desludging truck of 3000 Lit. capacity. Ichalkaranji Municipal Council emptied 2 to 3 nos. of septic tanks per day on actual demand basis.

3. (Ongoing Project) Construction of STP of 18 MLD capacity under UIDSSMT scheme :-

May through through IMC resolution no 195 as per resolution passed on 20.12.2022. the tender process has been completed by cancelling the previously given concession for the said approval work and issuing a new tender for the remaining work. For the remaining work IMC has newly appointed to the Ankita construction. IMC has given work order for construction of a 18 MLD STP plant under UIDSSMT scheme dated 02.02.2022. the completion period of the work is up to June 2024. According Ankita construction 18 MLD capacity of STP has been work complete first. Currently the pile construction, sludge thickener building, compound wall is completed. Meaning work is under process.

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4. Sewage treatment plant considering future requirement (long term measures) :-

Considering future population forecasting and increase in a population in extension of City limit new 20 MLD STP proposal has send to the urban development department Maharashtra state.

At existing STP is not qualifying as per the mpcb and cpcb norms. IMC has decided to rebuiled the STP of same capacity. Buy considering about both the works IMC has prepared draft estimate for rebuild the existing STP and for additional 20 MLD STP which cost Rs. 260 crore approximately. IMC has uploaded draft estimate on Amrut 2.0 scheme portal.

IMC has given work order dated 28.02.23 to project management consultant for preparing detail project report by considering the above both works. Das survey works of the said work is going on. IMC will submit the detailed project report of the said work to state government to state government within 4 month.

IMC has decided to develop project for rejuvenation and beautification of nallas within the city limit. IMC has given the work order to project management consultant for preparing detail project report. Draft detail project report has prepared by the consultant and said submitted to ministry of urban under amrut 2.0 scheme.

5. Short Term Measures to reduce the Water pollution level :-

IMC has constructed 5 KT (Kolhapur type) weirs five various location at total 4 nallas/ odhas namely kala odha, chandur odha, Lakshmi Nallas, Yashoda Nalla to give primary treatment to sewage water. At this KT weirs IMC has provided bleaching powder dosing and operated regularly.

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6. Eco friendly festival Ganesha idol immersion :-

IMC has taken initiative to celebrate eco friendly Ganesh utsav 2022. During the festival IMC has set up the total 71 artificial Ganesh idol immersion tank in the City. Out of which 66 artificial tanks used for domestic Ganesh idol immersion and five artificial tanks for public Ganesh idol immersion. During the festival time total 10904 household and 550 Ganesh idol have been immersed in eco friendly manner. Also IMC has collected total 54330 tones of Nirmala and it disposed at the processing plant.

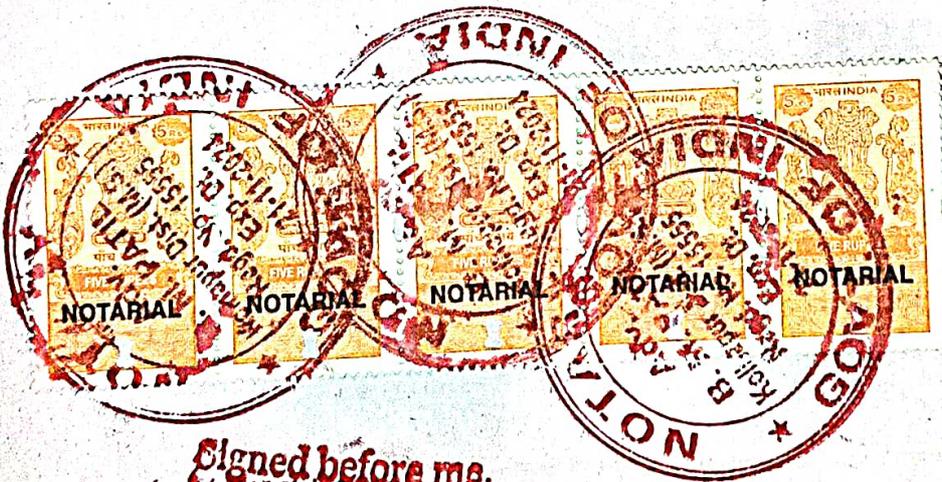
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Beshramh

Executive Engineer
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Ichalkaranji Municipal Corporation

Sr. No. 4855

Date :- 11/11/2023



Signed before me:

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