

The Longest Standing Sewerage Installation

Treatment of 1,72,000 m³ of Sewage per Day:
Waste water treatment plant, HMWSSB, Hyderabad.



Date : 12.02.2016

TO WHOMSOEVER IT MAY CONCERN

This is to certify that 300 HP – 12 Nos. of Submersible Sewage Pumps commissioned at HMWSSB – 172 MLD STP Nagole and manufactured & supplied by M/s Aqua Machineries Pvt. Ltd. in December 2008, for the Duty Parameters of 1791 m³/hr at 30 meters Head have given satisfactory Performance.

7 Nos. of these pumps are still in satisfactory operation and balance pumps have over the past two years being put back into operation after their overhauling and necessary component replacement of wear parts.

This Certificate is issued on request of M/s. Aqua Machineries Pvt. Ltd.

● **Project Data**

Name of Project : 172 MLD Sewage Treatment Plant.
Customer : M/s. Ramky Infrastructure Ltd., Hyderabad.
End Customer : HMWSSB Nagole STP
Cost of Work : Rs.44.79 Crores

● **Pump sets Data**

Vertically Auto coupled Sub. Sewage Pump sets of 300 hp, each having 1791m³/hr against 30m Head.

[Signature]
12/2/16
Dy. General Manager (Engg.)
STP Division, HMWSSB,
Amberpet, Hyderabad.

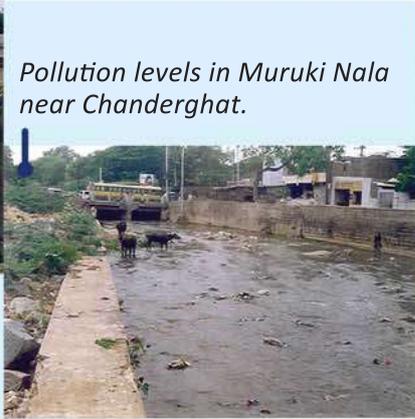
[Signature]
12/2/2016
General Manager
STP Division, HMWSSB,
Amberpet, Hyderabad.



The HMWSSB (Hyderabad Metropolitan Water Supply and Sewerage Board) was constituted with the functions & responsibilities in the Hyderabad Metropolitan Area are water supply Sewerage Disposal & treatment works including planning, design, construction, maintenance, operation & management of all PSs & TPs.



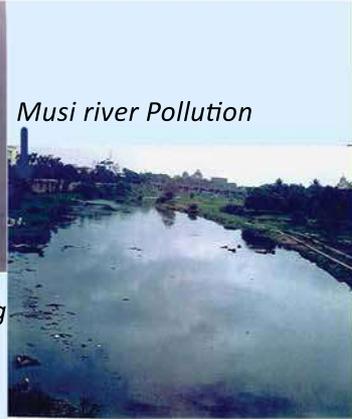
Pollution Concentration in Surplus Nala downstream of H.S.Lake



Pollution levels in Muruki Nala near Chanderghat.



Showing Gas Bubbles indicating Septic Condition in river Musi.



Musi river Pollution

Implementation of this Project under NRCD with the administrative approval by Ministry of E&F & Gol commenced on Sept.2004 & completed within 5 Years. They are maintaining the 7.72 Lacs no. of Sewer Manholes having Sewerage treatment facility of 750 MLD against the 1250 MLD estimated generated sewerage.

The Situation :

Musi River flows through midst of the Hyderabad City bifurcating city and sewage flows to River Musi through various open nalas.

The Cost effective Aqua's Solution :

The STP includes 12 Nos. of ANS (Sub Sewage) pump sets with total installed power more than 2700 kW. India's Largest Sewage Treatment Plant (of its time, based on raw sewage intake) of 172 MLD STP at Nagole, runs on Aqua's Sewage Submersible pumps, which were commissioned and inaugurated on 13th Dec, 2008

