

Minutes of the 4th meeting of reconstituted "Sundarban Water Supply Review Committee" held in the chamber of Director, WSSO, PHE Department at 7th Floor of New Secretariat Building, Kolkata – 700001 on 8th February, 2018 at 2 PM

Following Officials were present in the meeting:

1. Sri Animesh Bhattacharya, Director , WSSO, PHE Department, Govt. of West Bengal- Chairman.
2. Dr. S.P. Sinha Roy, Chairman, Fluoride Task Force, Govt. of West Bengal, India– Member
3. Sri Swachha Majumdar, Principal Scientist, Ceramic Membranre Dept. , CGCRI , Govt. of India – Member.
4. Shri Santanu Chowdhury, Superintending Engineer, Eastern Circle , PHE Directorate, Govt. of West Bengal – Member
5. Sri Sanjeeb Sarkar, Executive Engineer, Barasat Division, PHE Directorate, Govt. of West Bengal – Member
6. Sri Debjit Kundu, Executive Engineer, Alipore Division, PHE Directorate, Govt. of West Bengal – Member
7. Sri SudiptaMoulik, Executive Engineer, Eastern Mechanical Division, PHE Directorate, Govt. of West Bengal – Member
8. Shri SubhabrataKundu, Deputy Superintending Engineer, Eastern Circle, PHE Directorate, Govt. of West Bengal – Member

Director, WSSO chaired the meeting and welcomed all the members and initiated discussion. After the discussion following decision was made.

1. The minutes of the last meeting held on 4th May, 2018 was confirmed by the house.
2. An Ultra Filtration Technology based pilot plant has been installed in Charalkhali Village of Hingalgunj Block under North 24 Pgnos District as it was decided by this Committee in earlier meeting. This unit has already become popular among the people of the said village. Hon'ble MIC, PHE Dte. also visited the site on 21st December, 2017.

It has been decided that the possibilities of operation of the plant through power, diesel generator set in addition to solar power to be explored in order to increase the productivity of the unit, even in bad

weather condition when the solar power may not generate sufficient power.

The committee also suggested for construction of a peripheral drain around the pond to assist and divert the dirty water incoming to the pond, fencing and a board mentioning the source pond is reserved for drinking purpose only.

3. It has been decided that Barasat Division of PHE Dte. will arrange for regular onsite testing of Bacteriological Parameters in addition to other parameters like TDS, Turbidity, PH etc. on regular basis for satisfactory performance of the plant.
4. Water Quality of Hazar Bigha Khal in Pathar Pratima Block of South 24 Parganas District has been tested and found suitable for piloting of UF technology based Filtration plant. The process has already been initiated by Alipore Division, PHED.
5. Executive Engineer, Barasat Division and Executive Engineer, Alipore Division has intimated that local demand has been generated for installation of further UF units. 20 nos sites has been received in North 24 Prgns District and 13 nos sites has been received in South 24 Parganas District from local authorities.

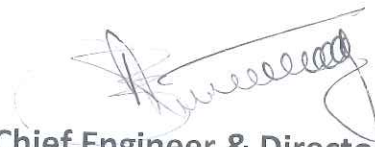
It has been decided to prepare and submit DPR to competent authority of PHED after checking the suitability of sites.

6. Suitable site (canal, creek etc) for installation of Solar Based RO Plant could not be finalized because very high TDS of water during ingress of Tidal water. The committee suggested to sink 2 nos tubewells (150mt approx.) one each at Paharpratima and Gosaba Block to evaluate variation of TDS during low tide and high tide. Sampling frequency to be maintained as 4 nos during low tide and 4 nos during high tide.
7. It was decided that a workshop may be organised by CGCRI under financial assistance of WSSO, PHED regarding use of RO technology providing safe drinking water in saline affected areas using technical

help of CSMRI and CGCRI. CGCRI has been requested to submit the detail proposal to the Director, WSSO for arrange the workshop.

8. The possibilities of using Electro Dialysis Reversal Technology for removal of TDS may be explored. In this connection CSMRI or any other reputed agency may be contacted and requested for making a presentation before the committee.

With no other points to discuss, the meeting ended with vote of thanks from and to the chair.



Chief Engineer & Director, WSSO
PHE Department, Govt. of West Bengal
&
Chairman, Sundarban water Supply
Review Committee

Copy forwarded for information to:

1. Dr. S.P. Sinha Roy, Chairman, Fluoride Task Force, Govt. of West Bengal.
2. Sri. Goutam Mukhopadhyay, Superintending Engineer, South 24 Parganas W/S Circle , PHE Directorate, Govt. of West Bengal.
3. Shri. Santanu Chowdhury, Superintending Engineer, Eastern Circle, PHE Directorate, Govt. of West Bengal.
4. Shri. Partha Mitra, Superintending Engineer, Mechanical Circle II, PHE Directorate, Govt. of West Bengal.
5. Sri. SwachhaMajumdar, Principal Scientist , Ceramic Membrane Dept. , CGCRI , Govt. of India.
6. Sri. Sanjeeb Sarkar, Executive Engineer, Barasat Division, PHE Directorate, Govt. of West Bengal.
7. Sri. Debjit Kundu, Executive Engineer, Alipore Division, PHE Directorate, Govt. of West Bengal.
8. Sri. Anirban Mazumdar, Executive Engineer, South 24 Parganas Mechanical Division, PHE Directorate, Govt. of West Bengal.
9. Sri. SudiptaMoulik, Executive Engineer, Eastern Mechanical Division, PHE Directorate, Govt. of West Bengal.
10. Shri. Subhabrata Kundu, Deputy Superintending Engineer, Eastern Circle, PHE Directorate, Govt. of West Bengal.



Chief Engineer & Director, WSSO
PHE Department, Govt. of West Bengal