

Minutes of the 5th meeting of reconstructed “Sundarban Water Supply Review Committee” held in the conference Room, PHE Department at 7th floor of New Secretariat Building, Kolkata-700001, on 2nd August ‘2018 at 12:00 noon

The following members were present in the meeting:

1. Mr. Animesh Bhattacharya, Chief Engineer, Director, WSSO, PHE Dept.
2. Dr. S. P. Sinha Roy, Chairman, Fluoride Task Force.
3. Mr. Abin De, Superintending Engineer, Water Quaiity, WSSO, PHE Dept.
4. Mr. Dwaipayyan Ghosh, Superintending Engineer, South 24 Pgs. W/S Circle, PHE, DTE.
5. Mr. Santanu Chowdhury, Superintending Engineer, Eastern Circle, PHE, DTE.
6. Mr. Swachha Majumder, Principal Scientist, Ceramic Membrane Dept., CGCRI.
7. Mr. Sanjeeb Sarkar, Executive Engineer, Barasat Division, PHE, DTE.
8. Mr. Sukanta Pal, Executive Engineer, South 24 Pgs., Mechanical Division, PHE, DTE.
9. Mr. Debjit Kundu, Executive Engineer, Alipore Division, PHE, DTE.
10. Mr. Subhabrata Kundu, Deputy Superintending Engineer, Eastern Circle, PHE, DTE.
11. Mr. Sudipta Moulik, Executive Engineer, Eastern Mechanical Division, PHE, DTE.
12. Mr. Arun Halder, Assistant Engineer, South 24 Pgs., PHE, DTE.
13. Dr. Madhurina Majumder, Senior Consultant, WSSO, PHE Dept.

Director WSSO chaired the meeting. At the outset, he welcomed all the members. Thereafter agenda wise discussion was held which are described below:

1. The minutes of the 4th meeting were confirmed and thereafter follow up actions taken on the issues as discussed in the earlier meeting was taken up.
2. It was discussed that the possibility of power connection of WBSEB (West Bengal State Electricity Board) shall have to be explored for smooth and uninterrupted operation of the plant at Charalkhali Village of Hingalganj Block.
3. It was reported that a peripheral drain to arrest the contaminated water coming from the surrounding catchment around the pond was not constructed as per earlier decision; Chief Engineer & Director WSSO advised the Executive Engineer to get the work done by involving the local Gram Panchayat in convergence with NREGA or any other such program. Similar kind of

4. Executive Engineer, Alipore Division submitted the water test results of the Ultra-filtration plant installed at Hazarbigha Khal of Patharpratima Block which was found satisfactory. The possibility of O&M of the plant by SHG was also discussed and it was advised by the committee that immediate arrangement should be made to handover the scheme to SHGs/VWSC/Community. A field visit may also be arranged on a subsequent date.
5. It was reported that two tube wells have been constructed each at Gosaba Block & Patharpratima Block having depth of 187m & 174m respectively to explore the possibility of finding upper brackish water aquifer. However TDS value has been found 4000mg/L in Gosaba and 3060mg/L in Patharpratima. It was suggested to sink a big-dia tube well (200mm/ 100mm) at Gosaba within the depth of 100m for collection of lithology and ascertaining brackish-water aquifer thickness by electro-logging. It was further suggested that variation in water level and water quality due to tidal effect may also be studied.
6. It was suggested that health impact study may also be taken up among the beneficiaries/ user group of the Ultra-filtration plant installed at Charalkhali & Hazarbigha Khal.
7. The possibility of installation of pilot plant in salinity affected areas of Sundarban based on "Electro Dialysis Reversal" (EDR) technology was also discussed at length. It was requested to the concerned Executive Engineers to submit a DPR based on the proposal of CSMCRI, Bhavnagar, Gujrat.
8. Principal Scientist, Ceramic Membrane Dept., CGCRI, was requested to submit the Project Proposal on treatment of tube well water containing hydrocarbon at Hingaljanj.

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



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

&

Chairman, Sundarban Water Supply Review Committee

Memo No. PHE/WSSO/105/2118 (1-13)

Date: 07/09/2018.

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