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REPORT

Date of Print : 01-Oct-2019

NATIONAL DRINKING WATER QUALITY TESTING MONITORING AND SURVEILLANCE PROGRAMME

Collaborative effort of Public Health Engineering Dte., Govt. of W.B., Panchayet & Rural Development Department of Govt. of W.B.

Department of Health & Family Welfare, Govt. of W.B.

Implemented by :-

Manoj Kumar
Manager
Swami Vivekananda Vidyamandir
Purusottampur, Singur
Hooghly., W. B.

WATER TESTING LABORATORY

PASCHIM BANGA VIGYAN MANCHA

North 24 Parganas District Committee

PRITHA DASGUPTA BHAWAN

N/37/5, Banamalipur Road, Binoy Dey, Sushanta Pal Sarani, Barasat, Phone : 033 2584-2246/2562-6473

Website : pbvmm24.weebly.com

email : watertestinglab.pbvm@gmail.com



Name of the Owner	Swami Vivekananda Vidyamandir	Date of Collection	28/09/2019
		Sample collected from	Treated Water Sample
Address of the Owner	Purusottampur, Singur, Hooghly, 712223 Phone No.: 03326300334 E-mail - perfecteducationtrust13@gmail.com	Sample Received on	28/09/2019
		Date of Testing	01/10/2019

Indian Standards for Drinking Water (IS-10500:2001) & Testing result of the water sample :-

A. Physical Parameters :

	Methodology	Desirable Limit	Permissible Limit	Test Result
Colour				N/A
Odour				N/A
Taste				N/A
Electro Conductivity (µS/cm)				N/A
pH	pH Meter	6.5 - 8.5	No relaxation	6.32*
Dissolved Solids (mg/l)	TDS Meter	500	2000	70
Turbidity NTU	Turbidity Meter	1	5	N/A

B. General Parameters :

IRON (as Fe) mg/l	Photometric	0.3	No relaxation	N/A
Manganese mg/l	Photometric	0.1	0.3	N/A
Calcium mg/l	Photometric	75	200	N/A
Total Hardness (as CaCO ₃) mg/l	Titration Method	300	600	44

C. Toxic Substances :

ARSENIC mg/l	Photometric	0.05	No relaxation	0
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Principal

D. Bacteriological Quality :

TOTAL COLIFORM (per 100 ml)	Multiple Tube Technique Method	<2	No relaxation	<2
FAECAL COLIFORM (per 100 ml)	Multiple Tube Technique Method	<2	No relaxation	<2
Note :		Remark :		
Total concentration of Manganese (as Mn) and Iron (as Fe) shall not exceed 0.3 mg/l		N/A		
<i>Swaraj Dutta</i>		<i>[Signature]</i>		
SWARAJ DUTTA (Chemist)	<i>[Stamp]</i>	SAMIRAN SENGUPTA (Bacteriologist)		
*The figures indicated under the column "Desirable Limit" are the limits up to which water is generally acceptable to the consumers.				
*The figures indicated under the column "Permissible Limit" are may be tolerated in the absence of alternative and better sources.				

[Signature]

Principal
Swami Vivekananda Vidyamandir
Singur, Hooghly



[Signature]

Manager
Swami Vivekananda Vidyamandir
Purushottampur, Singur
Hooghly., W. B.