



Govt. of West Bengal  
**OFFICE OF THE EXECUTIVE ENGINEER**  
NORTH 24 PGS. WATER SUPPLY SCHEME  
**PUBLIC HEALTH ENGINEERING DIRECTORATE**  
9, B.T.ROAD, CHIRIAMORE, BARRACKPORE  
**Laboratory : Mangal Pandey WTP Water Testing Laboratory**  
Strand Road, Palta, Barrackpore

Memo No.:MBA/WS/WT/2019/01

Sample collected from: Morning Bells Academy( High school),Pinkol,Shyamnagar ,24 Pgs(N). Pin-743127.

Sample received on : 28.01.19

Collected By: Self

<b>Recommended Drinking Water Quality as per IS 10500-2012 (Second Revision)</b>					
Sl. No.	Substance or Characters	Units	Requirement (Acceptable Limit)	Permissible Limit in the absence of alternate source	Result
1	Turbidity	NTU, Max	1	5	1.50
2	Dissolved solids	mg/l, Max	500	2000	380
3	Conductivity	µS/cm	-	-	775
4	pH Value	-	6.5 - 8.5	No-relaxation	7.21
5	Total Hardness (as CaCO <sub>3</sub> )	mg/l, Max	200	600	348
6	Salinity	-	-	-	0.4
7	Iron (as Fe)	mg/l, Max	0.3	1	0.18
8	Arsenic (as As)	mg/l, Max	0.01	No-relaxation	BDL
9	Nitrate (as NO <sub>3</sub> )	mg/l, Max	45	No-relaxation	2.13
10	Fluoride (as F)	mg/l, Max	1	1.5	BDL
11	Chlorides (as Cl)	mg/l, Max	250	1000	12.6
12	Residual, Free Chlorine	mg/l, Max	0.2	1	Not Found

*N.B. : BDL stands for "Below Detectable Limit"*

Chemist  
Mangal Pandey Water Treatment  
PHED Laboratory.(N) 24 Pgs.  
Barrackpore

Assistant Engineer  
(N) 24 Pgs. W/S Divn.-I, PHE Dte.  
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<b>Organisms</b>	<b>Guidelines</b>	<b>Report</b>
<b>All water intended for drinking E.Coli or thermotolerant coliform bacteria</b>	Must not be detectable in any 100 ml sample	Not Detected

Bacteriologist

Mangal Pandey Water Treatment  
PHED Laboratory.(N) 24 Pgs. Barrackpore

Assistant Engineer

(N) 24 Pgs. W/S Divn.-I, PHE Dte.  
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