

# ASANSOL MINES BOARD OF HEALTH

Tel. No. (0341) 229-2227  
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CHEMICAL ANALYSIS REPORT (DRINKING WATER)

e-mail : ambiasansol@gmail.com

In Reference to \_\_\_\_\_ Memo No. \_\_\_\_\_ Date. \_\_\_\_\_

Report No : 346/PA/2019

Date : 23/10/2019

Received From :- SrSE(Works/West/Asansol) Eastern Railway Traffic  
Colony, Asansol..... On 16-10-2019

Date and Site of Collection : Treated Water From Asansol Filter House

Sl. No.	Characteristics	Maximum permissible Level(as per ISI)	Result
1.	Turbidity	5 NTU	<0.10 NTU
	Odour	Unobjectionable	Smell of Chlorine
	Dissolved Solids (mg/l)	500 mg/l	144.0
	PH. Value	6.50 to 8.50	7.14
5.	Oil and Grease	0.01 mg/l	
	Total residual chlorine (mg/l) Min.	0.20 mg/l	0.60
	Ammonical Nitrogen (as N) (mg/l)	0.10 mg/l	nt
	Nitrite Nitrogen (as NO <sub>2</sub> ) (mg/l)	0.10 mg/l	nt
9.	Arsenic ( as As mg/l)	0.05 mg/l	
10.	Hexavalent Chromium (as Cr) mg/l	0.05 mg/l	
11.	Copper (as Cu) mg/l	0.05 mg/l	
12.	Cyanide (as CN) mg/l	0.05 mg/l	
	Chloride (as Cl) mg/l	250.0 mg/l	20.0
	Flouride (as F mg/l)	1.50 mg/l	
15.	Sulphates (as SO <sub>4</sub> )	150.0 mg/l	
16.	Nitrates (as NO <sub>3</sub> )	45.0 mg/l	
17.	Phenolic Compounds (as C <sub>6</sub> H <sub>5</sub> OH) mg/l	0.005 mg/l	
18.	Iron (as Fe)	0.30 mg/l	
	Total Hardness (as CaCO <sub>3</sub> ) mg/l	300.0 mg/l	36.0
20.	Total Alkainities ( as CaCO <sub>3</sub> ) mg/l	300.0 mg/l	60.0
21.	Permanganate ( 4 Hrs.)	1.0 mg/l	

Remarks :- Satisfactory on Chemical routine analysis.

Memo No. 1919/M

Date. 04.11.2019

Sd/-

Dr. A. K. Sen

MBBS, MD. (Micro-Biology)

Public Analyst, AMBH

Copy to :- SrSE(Works/West/Asansol) Eastern Railway Traffic Colony, Asansol...

-for information please.

Health Officer  
Asansol Mines Board of Health

Attested by  
14.10.2019  
प्रधानाध्यापक  
Headmaster  
पूर्व रेलवे उच्च विद्यालय, आसनसोल  
Eastern Railway High School, Asansol

By 31/10/19

