



**OFFICE OF THE PROJECT MANAGER, GANGA JAL PROJECT UNIT,  
U.P. JAL NIGAM, 120 MLD W.T.P. LABORATORY,  
PRATAP VIHAR, GHAZIABAD-201009**

Letter No.

712

1

45-25

168

Dated 10/05/2022

To,

**The Manager  
New Sainik Public School  
Gali No. 28-29, Sunday Market, Budh Vihar, Chotpur  
Distt. Gautam Budh Nagar, Noida ( U.P. )**

**Sub :- Physical Chemical & Heavy Metal analysis of water sample.**

Dear Sir,

With reference to your letter No. NSPS /2022/05/145 / Dated 05.05.2022 the Physical Chemical & Heavy Metal analysis report is enclosed with this letter.

R.O. Water Sample from New Sainik Public School Gali No. 28-29 Sunday Market, :- 1 No.  
Budh Vihar, Chotpur Distt. Gautam Budh Nagar, Noida (U. P.)

**Total :- 1 No.**

**Enclosers : As Above.**

  
**PROJECT MANAGER**



# 120 MLD WATER TREATMENT PLANT LAB U.P. JAL NIGAM, GHAZIABAD

TRNo. 001860

Letter No.-

712 /

Testing

1.68

Dated : 10/05/2022

## DRINKING WATER ANALYSIS REPORT

Sample Sealed	:	Yes
Name of person Collected Sample	:	Sh.Amit Chauhan (T.G.T.) Math
Date & Time of Sample Collection	:	05.05.2022
Particulars/Source of Sample	:	R.O. Water Sample, From New Sainik Public Gali No.28-29 Sunday Market; Budh Vihar Chotpur Distt.G.B.Nagar (U.P.)
Date of receipt of sample at Lab	:	05.05.2022
Sender Ref. No.	:	NSPS / 2022 / 05 / 145 Dated : 05.05.2022
	By	Manager
		New Sainik Public School Budh Vihar, Chotpur .G.B.Nagar,
Laboratory analysis Ref. No.	:	PC-3657 Date:09.05.2022

### Test Results: Physico-Chemical & Heavy Metal Characteristics As per IS 10500 : 2012 as Amendment No. 1 June 2015

Sl.No.	Characteristic	Expressed as	Analysed result	Acceptable limit	Permissible limit
1	Turbidity	NTU	0.35	1	5
2	pH	-	7.06	6.5 to 8.5	No relaxation
3	Total Dissolved Solids	mg/l	69.4	500	2000
4	Total Hardness (as CaCO <sub>3</sub> )	mg/l	22	200	600
5	Chloride (as Cl)	mg/l	31	250	1000
6	Sulphate (as SO <sub>4</sub> )	mg/l	6.3	200	400
7	Fluoride (as F)	mg/l	0.17	1.0	1.5
8	Nitrate (as NO <sub>3</sub> )	mg/l	BDL	45	No relaxation
9	Calcium (as Ca)	mg/l	5.6	75	200
10	Magnesium (as Mg)	mg/l	1.9	30	100
11	Iron (as Fe)	mg/l	BDL	0.3	No relaxation
12	Residual Chlorine	mg/l	Nil	0.2	1.0
13	Arsenic (as As)	mg/l	BDL	0.01	0.05
14	Lead (as Pb)	mg/l	BDL	0.01	No relaxation
15	Cadmium (as Cd)	mg/l	BDL	0.003	No relaxation
16	Manganese (as Mn)	mg/l	BDL	0.1	0.3

- Note :-
- Figures in Col-5 are the limits upto which drinking water is acceptable to the consumers.
  - Figures in excess of Col-6 render the water not acceptable, but still may be tolerated (upto the limit indicated in the Col-6) in the absence of alternative and better source.
  - The water sample is not collected by us.
  - BDL- Below Detection Limit.

Test Conducted By

(For M/S Pooja Construction Co.)

COUNTER SIGNED BY

A.P.E

P.E.

PROJECT MANAGER

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