

WATER ANALYSIS REPORT

Rep.No: 170406_1502049_0

Date: 06/04/17

Name & Address of Client	M/s. Teron Construction Pvt. Ltd. "Uttarayan Ville" Narakasur Ganesh Turning, Kahilipara , Guwahati-781019, Assam
Sample Description	Ground Water
Date of Sampling	30/03/17
Sample collected by	M/s. En-vision Enviro Technologies North East

Sl No.	Parameters	Unit	Result	Reference Method	IS 10500: 2012	
					Acceptable limit	Permissible limit
1	p ^H	---	6.92	Potentiometric	6.5-8.5	No relaxation
2	Turbidity	NTU	BDL	Nephelometric	1.0	5.0
3	TDS	mg/L	132.4	Dried at 105 ^o C	500	2000
4	DO	mg/L	3.8	Azide Modification	----	----
5	Total hardness	mg/L	117.5	EDTA Titrimetric	200	600
6	Calcium	mg/L	45.8	EDTA Titrimetric	75	200
7	Magnesium	mg/L	23.3	EDTA Titrimetric	30	100
8	Total Alkalinity	mg/L	119.7	Titrimetric	200	600
9	Chloride	mg/L	20.8	Argentometric	250	1000
10	Sulphate	mg/L	9.6	Turbidimetric	200	400

Cont...

SI No.	Parameters	Unit	Result	Reference Method	IS 10500: 2012	
					Acceptable limit	Permissible limit
11	Nitrate	mg/L	7.4	Spectrophotometric	45	No relaxation
12	Fluoride	mg/L	0.42	SPADNS Method	1.0	1.5
13	Residual Chlorine	mg/L	BDL	Iodometric	0.2	1.0
14	Copper	mg/L	0.0273	Flame AAS	0.05	1.5
15	Iron(as Fe)	mg/L	0.2349	Flame AAS	0.3	No relaxation
16	Cadmium	mg/L	BDL	Flame AAS	0.003	No relaxation
17	Lead	mg/L	BDL	Flame AAS	0.01	No relaxation
18	Zinc	mg/L	0.4269	Flame AAS	5	15
19	Total Chromium	mg/L	0.0029	Flame AAS	0.05	No relaxation
20	Manganese	mg/L	0.0597	Flame AAS	0.1	0.3
21	Selenium	mg/L	0.0049	Flame AAS	0.01	No relaxation
22	BOD	mg/L	7.3	Incubation 3 days, 27°C	----	----
23	COD	mg/L	52.5	Dichromate Reflux	----	----

All the measurement methods conform to IS 10500:2012 & World Health Organization (WHO) Guidelines.

For En-vision Enviro Technologies North East, Guwahati



(Quality Control Manager)

- Note: i) The results relate only to the parameter tested.
 ii) The test report shall not be reproduced except in full, without written approval of laboratory.