

Recognized by Pollution Control Board, Assam; MSME & An ISO 9001:2015
& OHSAS 18001:2007 Certified Firm

WATER ANALYSIS REPORT

Rep.No: 170914_1502049_0

Date: 14/09/17

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	04/09/17
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	pH	---	6.87	Potentiometric	6.5-8.5	No relaxation
2	Turbidity	NTU	0.1	Nephelometric	1.0	5.0
3	TDS	mg/L	157.63	Dried at 105 ^o C	500	2000
4	DO	mg/L	4.9	Azide Modification	----	----
5	Total hardness	mg/L	129.5	EDTA Titrimetric	200	600
6	Calcium	mg/L	37.4	EDTA Titrimetric	75	200
7	Magnesium	mg/L	21.7	EDTA Titrimetric	30	100
8	Total Alkalinity	mg/L	105.3	Titrimetric	200	600
9	Chloride	mg/L	29.1	Argentometric	250	1000
10	Sulphate	mg/L	11.3	Turbidimetric	200	400



Cont...

House No. 6, 1st Floor, Sankardev Path, Pub-Sarania, Chandmari, Guwahati-781003, Assam.

Phone : +91 8811096201 ♦ e-mail : envisionghy@gmail.com ♦ visit us at : www.en-vision.in

H.O.: 2nd Floor, Shri Ram Complex, Nr. Kargil Chowk, Piplod, Surat-7, Gujarat ♦ Phone : 261 2223003 ♦ e-mail : info@en-vision.in

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Sl No.	Parameters	Unit	Result	Reference Method	IS 10500: 2012	
					Acceptable limit	Permissible limit
11	Nitrates	mg/L	9.6	Spectrophotometric	45	No relaxation
12	Residual Chlorine	mg/L	BDL	Iodometric	0.2	1.0
13	Fluoride	mg/L	0.58	SPADNS Method	1.0	1.5
14	Copper	mg/L	0.0318	Flame AAS	0.05	1.5
15	Iron(as Fe)	mg/L	0.2832	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	0.3627	Flame AAS	5	15
19	Total Chromium	mg/L	0.0033	Flame AAS	0.05	No relaxation
20	Manganese	mg/L	0.0672	Flame AAS	0.1	0.3
21	Selenium	mg/L	0.0036	Flame AAS	0.01	No relaxation
22	BOD	mg/L	10.9	Incubation 3 days, 27°C	----	----
23	COD	mg/L	57.1	Dichromate Reflux	----	----

TDS Total Dissolved Solids, DO Dissolved Oxygen, COD Chemical Oxygen Demand, BOD Biochemical Oxygen Demand

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.
 iii) Parameter no.13 to 21 are analysed by EIA Project, Gauhati University as per our MOU.

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