

**EIA PROJECT, GAUHATIUNIVERSITY  
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Ref. Proj-ongoing/26/En-vision NE/Teron Construction/2016-17/GW/28  
Date 04/06/2016

**TEST REPORT WATER**  
Ref.: 160531\_1502049\_0  
Date: 31-05-2016

<b>Name &amp;Address of Client</b>	Envision Enviro Technologies North East H/N-6,1st Floor, Sankardev Path, Pub-Sarania, Chandmari, Guwahati-781003, Assam, India	
<b>Name of the project or Sample ID</b>	M/s. Teron Construction Pvt. Ltd. "Uttarayan Ville" Narakasur Ganesh Turning, Kahilipara, Guwahati-781019, Assam	
<b>Description of sample</b>	Drinking Water	
<b>Date of Sampling</b>	31-05-2016	<b>Date of receipt</b> 31-05-2016
<b>Sample Collected by</b>	M/S En-vision Enviro Technologies North East	


S N	PARAMETERS	UNIT	RESULTS	REFERENCE METHOD	DETECTION LIMIT	IS 10500 : 2012	
						Acceptable limit	Permissible limit
1	pH	--	6.85	Potentiometric	0.01	6.5-8.5	No relaxation
2	Turbidity	NTU	0.1	Nephelometric	0.1	1.0	5.0
3	TDS	mg/L	138.6	Dried at 105°C	0.1	500	2000
4	DO	mg/L	4.4	Azide modification	0.1	--	--
5	Total hardness	mg/L	122.1	EDTA Titrimetric	0.1	200	600

6	Calcium	mg/L	28.6	EDTA Titrimetric	0.1	75	200
7	Magnesium	mg/L	14.3	EDTA Titrimetric	0.1	30	100
8	Total Alkalinity	mg/L	126.5	Titrimetric	0.1	200	600
9	Chloride	mg/L	24.3	Argentometric	0.05	250	1000
10	Sulphate	mg/L	11.8	Turbidimetric	0.05	200	400
11	Nitrate	mg/L	10.1	Spectrophotometric	0.01	45	No relaxation
12	Fluoride	mg/L	0.65	SPADNS spectrophotometry	0.01	1.0	1.5
13	Residual chlorine	mg/L	BDL	Iodometric	0.1	0.2	1.0
14	Copper	mg/L	0.0384	Flame AAS	0.0001	0.05	1.5
15	Iron (as Fe)	mg/L	0.2864	Flame AAS	0.0001	0.3	No relaxation
16	Cadmium	mg/L	BDL	Flame AAS	0.0001	0.003	No relaxation
17	Lead	mg/L	BDL	Flame AAS	0.0001	0.01	No relaxation
18	Zinc	mg/L	0.4822	Flame AAS	0.0001	5	15
19	Chromium Total	mg/L	0.0037	Flame AAS	0.0001	0.05	No relaxation
20	Manganese	mg/L	0.0842	Flame AAS	0.0001	0.1	0.3
21	Selenium	mg/L	0.0044	Flame AAS	0.0001	0.01	No relaxation
22.	BOD	mg/L	8.8	Incubation 3 Day, 27oC	0.1	--	--
23.	COD	mg/L	48.3	Dichromate reflux	0.1	--	--

TDS Total Dissolved Solids, DO Dissolved Oxygen

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

For EIA Project, Gauhati University,

  
04/06/16

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