

कार्यालय – अधीक्षक,सामुदायिक स्वास्थ्य केन्द्र
जोशीमठ, चमोली

पत्रांक: CHC/SAM/2022/04

दिनांक : 04. 11. 2022.

TO WHOM IT MAY CONCERN

It is certify that I have visited Jaypee Vidya Mandir, Vishnupuram, Marwari Colony, Joshimath, Distt.- Chamoli (Uttarakhand) and found that Health and Sanitary condition in the School are Satisfactory. This is valid up to 31 October 2023.

चिकित्सा अधिकारी
सामुदायिक स्वास्थ्य केन्द्र
जोशीमठ

In- Charge/ Medical Officer
Community Health Centre, Joshimath,
Distt.- Chamoli (Uttarakhand)

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TEST REPORT

Water Sample Analysis

Test Report No. : EKO/120/100922

Issue Date : 14/09/2022

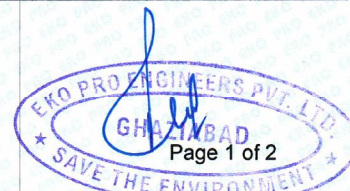
Issued To

: JAIPRAKASH POWER VENTURES LTD.
(Vishnupuram marwari Colony)
Post - Joshimath
Chamoli - Uttarakhand

Sample Description : Drinking Water
Sample Drawn on : 08/09/2022
Sample Drawn by : EPEPL (Mr. Umesh Kumar)
Sample Received on : 10/09/2022
Sampling Location : Jaypee Vidya Mandir
Sampling Plan & Procedure : SOP-W/66
Sample Quantity : 3.0 Litre
Environmental Conditions : Normal
Analysis Duration : 10/09/2022 To 14/09/2022
Remark (if any) : NA

RESULTS

S. No.	Parameters	Test Methods	Results	Units	Limits as per IS:10500-2012 (Amd.No.3 Feb-2021)	
					Acceptable	Permissible
1	Colour	IS: 3025 (P-4)	<1.0	Hazen	5.0	15.0
2	Turbidity	IS: 3025 (P-10)	<1.0	NTU	1.0	5.0
3	pH	IS: 3025 (P-11)	7.24	-	6.5-8.5	No relaxation
4	Total Hardness (as CaCO ₃)	IS: 3025 P-21)	59.0	mg/L	200.0	600.0
5	Calcium (as Ca)	IS: 3025 (P-40)	14.03	mg/L	75.0	200.0
6	Iron (as Fe)	EKO/CHEM/SOP-ICPMS/W-01	<0.005	mg/L	1.0	No relaxation
7	Chloride (as Cl)	IS: 3025 (P-32)	32.9	mg/L	250.0	1000.0
8	Residual Free Chlorine	IS: 3025 (P-26)	<0.1	mg/L	0.2	1.0
	Fluoride (as F)	IS: 3025 (P-60)	<1.0	mg/L	1.0	1.5
10	Total Dissolved Solids	IS: 3025 (P-16)	136.0	mg/L	500.0	2000.0
11	Magnesium (as Mg)	IS: 3025 (P-46)	5.8	mg/L	30.0	100.0
12	Copper (as Cu)	EKO/CHEM/SOP-ICPMS/W-01	<0.005	mg/L	0.05	1.5
13	Manganese (as Mn)	EKO/CHEM/SOP-ICPMS/W-01	<0.005	mg/L	0.1	0.3
14	Sulphate (as SO ₄)	IS: 3025 (P-24)	15.9	mg/L	200.0	400.0
15	Nitrate (as NO ₃)	IS: 3025 (P-34)	0.79	mg/L	45.0	No relaxation
16	Phenolic Compounds(as C ₆ H ₅ OH)	IS: 3025 (P-43)	<0.001	mg/L	0.001	0.002
17	Mercury (as Hg)	EKO/CHEM/SOP-ICPMS/W-01	<0.001	mg/L	0.001	No relaxation
18	Selenium (as Se)	EKO/CHEM/SOP-ICPMS/W-01	<0.005	mg/L	0.01	No relaxation
19	Arsenic (as As)	EKO/CHEM/SOP-ICPMS/W-01	<0.005	mg/L	0.01	No relaxation
20	Cyanide (as CN)	APHA 4500 CN-K	Absent	mg/L	0.05	No relaxation
21	Lead (as Pb)	EKO/CHEM/SOP-ICPMS/W-01	<0.005	mg/L	0.01	No relaxation
22	Zinc (as Zn)	EKO/CHEM/SOP-ICPMS/W-01	<0.01	mg/L	5.0	15.0



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23	Total Chromium (as Cr)	EKO/CHEM/SOP-ICPMS/W-01	<0.005	mg/L	0.05	No relaxation
24	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23)	30.0	mg/L	200.0	600.0
25	Aluminium (as Al)	EKO/CHEM/SOP-ICPMS/W-01	<0.005	mg/L	0.03	0.2
26	Boron (as B)	IS: 3025 (P-57)	<0.25	mg/L	0.5	2.4
27	Cadmium (as Cd)	EKO/CHEM/SOP-ICPMS/W-01	<0.001	mg/L	0.003	No relaxation
28	Anionic Detergents (as MBAS)	APHA 5540	<0.1	mg/L	0.2	1.0
29	Total Coliform	IS: 15185	Absent (<1)	cfu/100ml	Should be Absent	No relaxation
30	E.coli	IS: 15185	Absent	Per 100mL	Should be Absent	No relaxation

Notes:

1. The results given above are related to the tested sample, as received & mentioned parameters.
The customer asked for the above tests only.
2. This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
3. The test report will not be used for any publicity/legal purpose.
4. The test samples will be disposed off after 15 days from the date of reporting of result, unless until specified by the customer. Sample received for biological tests will be destroyed after 7 days from the date of issue of test report.
5. Responsibility of the Laboratory is limited to the invoiced amount only.

****End of Report****

For EKO PRO ENGINEERS PVT. LTD.
SHIVANGI SINGH RAIZADA
SECTION INCHARGE MICROBIOLOGY
(Authorised Signatory)

For EKO PRO ENGINEERS PVT. LTD.
PURNIMA CHAUHAN
TECHNICAL MANAGER
(Authorised Signatory)