

कार्यालय सहायक यंत्री

लोक स्वास्थ्य यांत्रिकी उपखण्ड बैहर

क.222/लेब./लो.स्वा.यां./उपखण्ड/प्रमाण पत्र/ 2024/बैहर, दिनांक 09/04/2024

प्रमाण पत्र

प्रमाणित किया जाता है कि शासकीय एकलव्य आवासीय .
विद्यालय उकवा के नल कूप का जल नमूना परीक्षण हेतु इस उपखण्ड
की जल परीक्षण प्रयोगशाला में दिनांक 09.04.2024 को किया गया।
परीक्षण उपरान्त किये गये पैरामीटर के अंतर्गत जल प्रदूषण रहित एवं
सही पाया गया है।

प्रमाणित किया सो सत्य है।



सहायक यंत्री
लोक स्वास्थ्य यांत्रिकी
उपखण्ड बैहर

SUB DIVISIONAL LABORATORY
Public Health Engineering Department Sub.Div. Baihar(Balaghat)
WATER TESTING REPORT

Report Date	09-04-2024	Distt. Balaghat	
To,		panchayat - village/Location	Block
Principal Eklavaya Awasiya vidhyalaya ,Ukwa		1- Village - Ukwa	Paraswada
Sample collected by - Principal sir			-
Date of collection	- 08-04-2024		
Source	- Tube well		-
Date of receipt	- 09-04-2024		
Date of Testing	- 09-04--2024		-

S.No	Characteristics	unit	As per BIS- 10500-2012 For Drinking Water		Results			
					sample-1	sample-2	sample-3	sample-4
			Acceptable	cause for rejection	NO 1	-	-	-

PHYSICAL - TEST

1	Turbidity	NTU	1	5	0.8	-	-	-
---	-----------	-----	---	---	-----	---	---	---

CHEMICAL TEST-

2	pH	ph Scale	6.5 to 8.5	<6.5 or 8.5>	7.5	-	-	-
3	Conductivity	uMohs/cm	500	2000	365.2	-	-	-
4	Alkalinity	mg/l	200	600	60	-	-	-
5	Chloride (as Cl)	mg/l	250	1000	20	-	-	-
6	Nitrate as (No3)	mg/l	45	45	30	-	-	-
7	Total Hardness	mg/l	200	600	160	-	-	-
8	Calcium	mg/l	75	200	40	-	-	-
9	Magnessium	mg/l	30	100	12	-	-	-
10	Total Dissolved solids	mg/l	500	2000	237.2	-	-	-
11	Iron (as Fe)	mg/l	1	1	0.9	-	-	-
12	Fluoride (as F)	mg/l	1	1.5	0.12	-	-	-
13	Sulphate (as So4)	mg/l	200	400	44.5	-	-	-
14	Manganese (as Mn)	mg/l	0.1	0.3	0	-	-	-


Chemist
Public Health Engineering Sub. Division
Baihar
BHAP


Assistant Engineer
Public Health Engineering Sub. Division
Baihar
Balaghat

Public Health Engineering Department. (P.H.E.D)
Govt. of Madhya Pradesh

Water Testing Charges

No.	Characteristics, unit and test method	Fees in Rs
A		
1	Physico-Chemical test:- Temperature, Turbidity, pH, TDS, Total Alkalinity, Chlorides, Hardness, Iron Nitrate, Manganese, Sulphate, Fluoride.	1200/- ✓
B		Per Parameter Rates In Rs
	Parameters Name, unit and test method	
1	Turbidity in NTU, APHA 23 rd edition, 2130 B	140/-
2	Conductivity at 25°C in micromhos/cm, APHA 23 rd edition, 2510 B	60/-
3	TDS By meter	60/-
4	pH APHA 23 rd edition 4500-H+B	150/-
5	Phenolphthalein Alkalinity as CaCO ₃ in mg/l, APHA 23 rd edition, 2320 B	100/-
6	Total Alkalinity as CaCO ₃ in mg/l, APHA 23 rd edition, 2320 B	110/-
7	Chloride as Cl in mg/l, APHA 23 rd edition, 4500 Cl-B	130/-
8	Nitrate as NO ₃ in mg/l, APHA 23 rd edition, 4500 NO ₃ -B (By UV-method)	120/-
9	Total hardness as CaCO ₃ in mg/l, APHA 23 rd edition, 2340 C	110/-
10	Calcium as Ca++, in mg/l, APHA 23 rd edition, 3500 Ca B	100/-
11	Magnesium as Mg++, in mg/l APHA 23 rd edition, 3500 Mg B	100/-
12	Iron as Fe in mg/l, APHA 23 rd edition, 3500-Fe-B	160/-
13	Sulphate as SO ₄ in mg/l, BIS:3025(Part-24)	170/-
14	Fluoride as F in mg/l, APHA 23 rd edition, 4500-F-C (By ION meter)	130/-
15	Fluoride as F in mg/l, by Alizarine reds method	180/-
16	Fluoride as F in mg/l, by visual color comparison method	170/-
17	Manganese as Mn APHA 23 rd edition 3500 Mn B	220/-
18	Nitrate as NO ₃ in mg/l, by PDA method	230/-
19	Residual chlorine, mg/l as free chlorine, Colour Comparison	100/-
20	BOD mg/l APHA 23 rd edition 5210 D	650/-
21	COD mg/l APHA 23 rd edition 5220 D	690/-
22	Dissolved oxygen mg/l, APHA 23 rd edition, 4500 OC	100/-
23	Other metals (Arsenic by kit)	220/-
24	Total coliform per 100 ml, APHA 23 rd edition, 9211 - B (Bacto. Test.)	350/- ✓
25	Faecal Coliform per 100 ml, APHA 23 rd edition, 9211 B (Bacto. Test)	350/- ✓
26	Coagulant Dose mg/l (Jar Test)	1390/-
27	Chlorine demand/chlorine dose mg/l	1390/-
28	Purity of alum (As Per BIS Specifications)	600/-
29	Purity of Lime (As Per BIS Specifications)	320/-
30	Purity of Bleaching Power / liquid Chlorine/ Chlorine Tablet (Only Purity Test)	260/-

