



महाराष्ट्र शासन,
पाणी पुरवठा व स्वच्छता विभाग,
उपसंचालक कार्यालय, भूजल सर्वेक्षण आणि विकास यंत्रणा, नाशिक विभाग, नाशिक.
एन.डी.पटेल रोड, एस.टी. वर्कशॉप जवळ, नाशिक-४२२००१
टेलीफोन- ०२५३-२४५३५५४, ०२५३-२५०४९८४ E-mail: ddgsdansk@yahoo.co.in.



जा.क्र- उपसं/भूसवियंन/ प्र.शा/खाजगी मागणी/ 9e93 /२०२२

दिनांक- 19 OCT 2022

प्रति,

Principal
Shree Kisanlalji Bora English Medium School,
Vani, Pimpalgaon Road, Tal-Dindori, Dist-Nashik.

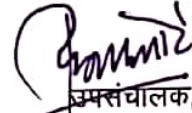
विषय- पाण्याच्या नमुन्याचा रासायनिक व जैविक पृथःकरण अहवाल.

संदर्भ- आपले दि. १०.१०.२०२२ रोजी च पत्र.

उपरोक्त संदर्भिय पत्रान्वये नाशिक विभागीय प्रयोगशाळेत खाजगी तत्वावर खालील तक्ता प्रमाण प्राप्त झालेल्या ०१ पाण्याच्या नमुन्याचा रासायनिक व जैविक पृथःकरण अहवाल सादर करण्यात येत आहे.

अ.क्र.	तालुका	गांव	स्रोताचे ठिकाण	शेरा
१	दिंडोरी	वणी	शाळेतील RO plant	रासायनिक व जैविक दृष्ट्या योग्य आहे.

सोबत -अहवालाची प्रत.


उपसंचालक,
भूजल सर्वेक्षण आणि विकास यंत्रणा,
नाशिक विभाग, नाशिक.



Government of Maharashtra,
Water Supply and Sanitation Department



REGIONAL WATER TESTING LABORATORY
O/o Deputy Director, Groundwater Surveys and Development Agency,
Nashik Region, Nashik

Report No : 149
Unique Report No : TC0723422000000149F
Discipline : CHEMICAL
Group : WATER
Name Of Customer : Shree Kisanlalji Bora English Medium School, Vani, Tal .Dindori Dist. Nashik
Address of Customer : Shree Kisanlalji Bora English Medium School, Vani, Tal .Dindori Dist. Nashik
Letter No/ Reference No : Dated 10.10.2022

Date of issue: 18.10.2022

Sample declaration as provided by customer

Nature of sample : ~~potable water/ ground water/surface water/treated water/tap water~~
Sample drawn & collected by : Peon Time : 10.30 am
Sample received at lab on : 10.10.2022 Time : 04.00 pm
Date of Tests : 10.10.2022 to 18.10.2022
Sample Container : Glass/ Plastic Sample Quantity/ Remark : 1 lit

Sample Code No - RWTL/173/2022.
Test Method- APHA, Method. 23 RD Edition 2017

A. CHEMICAL ANALYSIS (NABL accredited)

No.	Parameters	BIS 10500:2012			1
		Desirable limit	Permissible limit	Unit	RWTL/173/2022
1	pH	6.5-8.5	No relaxation	-	6.78
2	Electrical Conductivity	---	----	mS/cm	194
3	Total Dissolved solid	500	2000	mg/L	126
4	Total Hardness	200	600	mg/L	52
5	Fluoride	1.0	1.5	mg/L	0.04
6	Nitrogen-Nitrate	45	No relaxation	mg/L	1
7	Iron	1.0	No relaxation	mg/L	0.06
8	Chloride	250	1000	mg/L	8
9	Total Alkalinity	200	600	mg/L	38
10	Sulphate	200	400	mg/L	1
11	Calcium	75	200	mg/L	-

Note

1. The results relate only to the item/s tested.
2. The results apply to the sample as received.
3. The report shall not be reproduced except in full without approval of the laboratory can provide assurance that parts of a report are not taken out of context.
4. This report refers only to the particular sample submitted for analysis.

Tested By: K.K.Gujar
(Chemist)



Authorised by : B.S.Kathe
(Technical Manager)

END OF THE REPORT



Government of Maharashtra,
Water Supply and Sanitation Department

REGIONAL WATER TESTING LABORATORY
O/o Deputy Director, Groundwater Surveys and Development Agency,
Nashik Region, Nashik

Report No. : 149

Sample Details

Sr. no.	Sample Code No	Taluka	Village	Location	source	Collected by	Date of collection
1	RWTL/173/2022	Dindori	Vani	In school	RO Plant	Peon	10.10.2022

SCOPE OF ANALYSIS

Sr. No	Parameter	Test Method	Range of testing
1	pH	APHA, 23rd Ed.2017.METHOD-4500-H+(B)	2.00 to 12.00 pH
2	Electrical Conductivity	APHA, 23rd Ed.2017.METHOD-2510(B)	1.0 to 18000.00 μ S/cm
3	Total Dissolved Solids	APHA, 23rd Ed.2017.METHOD-2540(C)	1.00 to 5000.00 mg/L
4	Total Hardness	APHA, 23rd Ed.2017.METHOD-2340(C)	20.00 to 1500.00 mg/L CaCO ₃
5	Fluoride	APHA, 23rd Ed.2017.METHOD-4500-F ⁻ (D)	0.05 to 2.00 mg/L
6	Nitrogen-Nitrate	APHA, 23rd Ed.2017.METHOD-4500-NO ₃ ⁻ (B)	0.05 to 100 mg/L
7	Iron	APHA, 23rd Ed.2017.METHOD-3500-Fe-(B)	0.05 to 5.00 mg/L
8	Total Alkanity	IS 3025 (PART 23): 2000	20.00 to 1500.00 mg/L CaCO ₃
9	Chloride	APHA, 23rd Ed.2017.METHOD-4500-Cl ⁻	10.00 to 1000.00 mg Cl ⁻ /L
10	Sulphate	APHA, 23rd Ed.2017.METHOD-4500 SO ₄ ²⁻	2.00 to 400.00 mg SO ₄ ²⁻ mg /L
11	Calcium	APHA 23rd Edition -3500-Ca Method B	8.00 to 1000.00 mg Ca/L

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Test Method- APHA, Method. 23 RD Edition 2017

A. Physical Appearance (Non NABL accredited)

No	Parameters	BIS 10500:2012			1
		Desirable limit	Permissible limit	Unit	RWTL/173/2022
12	Colour	5	15	Hazen units	6
13	Odour	Agreeable	Agreeable	-	Agreeable
14	Taste	Agreeable	Agreeable	-	Agreeable
15	Turbidity	1	5	NTU	0.2

B. Chemical Parameters (Non NABL accredited)

16	Sodium	-	-	mg/L	----
17	Potassium	-	-	mg/L	----
18	Magnesium	30	100	mg/L	----
19	Carbonate	-	-		----
20	Bi-carbonate	-	-		----

C. Bacteriological Analysis (Non NABL accredited)

21	Total Coliform	0	0	MPN/100 ml	0
22	E.coli	0	0	MPN/100 ml	0

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SCOPE OF ANALYSIS

Sr. No	Parameter	Test Method	Range of testing
1	Colour	APHA 23rd Edition -2120-Colour Method B	5 to 2000 mg/L
2	Odour	IS 3025 (Part 5)	Qualitative
3	Taste	IS 3025 (Part 8)	Qualitative
4	Turbidity	APHA 23rd Edition -2130-Turbidity Method B	5 to 100 NTU
5	Sodium	APHA 23rd Edition -3500-Na(B)	5 to 100 mg/L
6	Potassium	APHA 23rd Edition -3500-K (B)	1 to 100 mg/L
7	Magnesium	APHA 23rd Edition -3500-Mg (B)	20.00 to 1500.00 mg/L CaCO ₃
8	Carbonate	APHA, 23rd Ed.2017.METHOD-2320(B)	20.00 to 1500.00 mg/L CaCO ₃
9	Bi-Carbonate	APHA, 23rd Ed.2017.METHOD-2320(B)	20.00 to 1500.00 mg/L CaCO ₃
10	Total coliform	APHA 23rd Edition- 9221 (B)	Positive/ Negative
11	E. Coli	APHA 23rd Edition- 9221 (C)	< 1.8 to > 1600 MPN