



Maharashtra Government  
DISTRICT PUBLIC HEALTH LABORATORY, NASHIK

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NO. DPHL/NSK/WC/W-149 & 150/3822/2022

Date: 22/8/2022

Health Services

REPORT ON CHEMICAL EXAMINATION OF WATER FOR DRINKING PURPOSES

Date of Collection- ----- Date of receipt-04/08/2022 Date of Examination-04/08/2022 & onwards  
Leter No.- 425/2022 dt.-04.08.2022

Analytical results in mg/litre (except pH & turbidity)

Sr. No.	Name of Test	Results		BIS Specification 10500:2012 Normal values	
		1	2	Desirable limits	Permissible limits
	Source	Raw water (71 MLD) Girna dam	Raw water (38 MLD) Talwade talav	-----	-----
01	Physical appearance	Turbid with suspended mud particles, colourless	Slightly turbid, colourless	-----	-----
02	Odour	odourless	odourless	Agreeable	Agreeable
03	pH	07.67	07.34	6.5 to 8.5	No relaxation
04	Turbidity (NTU)	02.09	01.21	1.0	5.0
05	Chlorides	63.96	57.97	250	1000
06	Total Hardness	176.00	184.00	200	600
07	Total alkalinity	156.62	160.44	200	600
08	Total dissolved solids	353.00	326.00	500	2000
09	Fluoride	N.D.	N.D.	1.0	1.5
10	Iron	0.137	0.148	1.0	No relaxation
11	Nitrates	01.59	01.26	45	No relaxation
12	Permanent hardness	19.38	23.56	-----	-----

**Remark :-** Sample No.01 and 02 contain turbidity more than desirable limit and hence, however, if there is no any other alternative source available nearby then these water sources, can be used for drinking purpose only after proper treatment, disinfection and ascertaining it's bacteriological quality frequently or regularly.

Forwarded with compliments to:  
Deputy Engineer (Water supply)  
Malegaon Municipal Corporation, Malegaon  
Dist-Nashik  
R.No.-2878245, Rs.3900/-, Dt.-04/08/2022

  
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