



GOVERNMENT OF JAMMU & KASHMIR
KASHMIR PUBLIC HEALTH ENGINEERING JAL-SHAKTI DEPARTMENT
PHYSICAL & CHEMICAL WATER ANALYSIS REPORT



Central Water Testing Lab, Zainakote

Chairman,
Doon International School.

No:-CSD/TCZ/49-50
 Dated:- 29-04-2021
 G.R.No. 0056964
 Dated:- 20-04-2021

Subject: Physical & Chemical Water Analysis Report.

Reference: Your office letter No:- 4004/84/E4 Dated:- 20-04-2021

Sir,

Enclosed please find below the water analysis report for perusal at your end please.

Sample Description:-

Source:- PHE Supply (Sindh Extension Canal)

Scheme:- W.T. Plant Rangli

Status:- Treated Water

Forwarded/ Collected by :- **Chairman,**

Doon International School

REPORT

Laboratory Ref No:- CSD/ TCZ/PR/B/20-21/15/07

Place of Collection:- Umer Abad Oposite Hokarsar

Date of Collection:- 22-04-2021

Date of Receipt:- 22-04-2021

Date of Examination:- 22 To 28 -04-2021

S. NO.	PARAMETERS	UNITS	RESULTS	B.I.S 10500 of 2012 guidelines	
				PERMISSIBLE LIMITS	MAX. TOLERANCE LIMITS
1.	Turbidity	N.T.U	5.0	1	5
2.	Colour	Hazens	< 5	5.0	15
3.	Taste & Odour	-	Unobjectionable	Unobjectionable	
4.	pH at 25°C	-	7.2	6.5-8.5	8.5
5.	Total Dissolved Solid	mg/l	162	500	2000
6.	Conductivity at 25 °C	µs/cm	231	-	-
7.	Total Hardness (As Ca CO ₃)	mg/l	110	200	600
8.	Chlorides (as CL)	mg/l	5.0	250	1000
9.	Sulphates (as SO ₄)	mg/l	40	200	400
10.	Fluorides (as F)	mg/l	Not Detected	1.0	1.5
11.	Total Acidity	mg/l	1.0	--	--
12.	Total Alkalinity (as CaCO ₃)	mg/l	62	200	600
13.	Residual Chlorine	mg/l	0.1	0.2	1.0
14.	Total Iron (as Fe)	mg/l	Not Detected	0.3	0.3
15.	Ammonical Nitrogen (NH ₃ N)	mg/l	Not Detected	0.1	0.5
16.	Nitrites (as NO ₂)	mg/l	Not Detected	None	Traces
17.	Nitrate Nitrogen (NO ₃ N)	mg/l	Not Detected	45	45
18.	Calcium (as Ca)**	mg/l	25.0	75	200
19.	Magnesium (as Mg)**	mg/l	12.5	30	150
20.	Total Phosphate (as PO ₄)	mg/l	Not Detected	0.4	5.0
21.	Carbon Dioxide	mg/l	2.0	--	--
22.	Coliform(Organism)	mg/l	Negative (-ve)	Negative	

Lab. Assistant. (i)

Lab. Assistant. (II)

IMPRESSION:- All tested parameters are within guideline values. Water is safe for drinking purposes

Assistant Engineer (Chemical)

Asstt. Ex. Engineer
 Assistant Executive Engineer
 Chemical Sub-Division

Copy to the Ex. Engineer PHE Water Supply Master Plan division sgr. for information

W/S Master Plan Division Sgr