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Asst Garrison Engineer E/M-I  
Chandrayangutta: PO  
Hyderabad -05

211/ *Ther* /E2

Apr 2024

Kendriya Vidyalaya Kanchanbagh  
Kanchabagh - Post  
Hyderabad - 500 058

**WATER QUALITY REPORT**

Water Quality Report of DRDO Township is fwd herewith your info and further necessary action please.

*Binesh*

(Binesh Yadav)  
AE E/M  
AGE E/M K'Bagh

**Encls** : (As above)

**GOVERNMENT OF TELANGANA**  
**DEPARTMENT OF WATER AND WASTE WATER EXAMINATION**  
 Directorate of I.P.M,P.H.Labs, Food (H) Administration, Narayanaguda.

**REPORT OF BACTERIOLOGICAL ANALYSIS OF WATER**

1. Sample From: Je Bomik E/M D.R.D.O Township, Kanchanbagh, Hyd.

2. Collected by: P.Venkatesh

3. Collected on : 02-04-2024

4. Received on: 02-04-2024

Lab. Ref. No.	Source	Exact location	Residual Chlorine mg per liter	Total coliform bacteria (MPN Index) per 100ml	Faecal coliform bacteria per 100ml	Esch. coli per 100ml	Result
6546	Metro water	Direct Swimming Pool water	...	Nil	....	....	Satisfactory
6547	Metro water (TPC)	Direct Swimming Pool water	Total Aerobic Bacterial Plate Count for 24 hrs at 37 <sup>o</sup> c = 1 CFU / ml				Satisfactory
6549	Metro water	Direct metro sump water (50,000) UG Sump main pump house	...	Nil	....	....	Satisfactory
6551	Mixed (Borewell + Metro)	Direct metro sump water(200000) OHT near Director's Qrts	...	Nil	....	....	Satisfactory

*[Signature]*  
 Dy.Chief Water Analyst  
 16/04/2024

**GOVERNMENT OF TELANGANA**  
**DEPARTMENT OF WATER AND WASTE WATER EXAMINATION**  
 Directorate of I.P.M,P.H.Labs, Food (H) Administration, Narayanaguda, Hyderabad – 29.

**Report on Chemical Tolerances for Water for Swimming Pool**

Sample From	Je Bomik E/M D.R.D.O Township, .	Collected by	P.Venkatesh
Address	Kanchanbagh, Hyd	Collected on	02-04-2024
District	Hyderabad	Received on	02-04-2024
State	Telangana	Sample volume	2 ltr
Source profile	Swimming Pool water	Sample ID	6548
S.No	Parameter	Source / Sample ID	Tolerance as per IS 3328 : 1993
Physical parameters		Swimming Pool water collected at above address / 6548	
1	Colour(Hazen units ),Max	<5	10
2	Turbidity (NTU),Max	1.4	10
3	Odour	Odourless	Odourless
4	Taste	Palatable	Palatable
5	p <sup>H</sup>	7.8	7.5 to 8.5
6	Electrical Conductivity at 25°C (Micro Mhos/cm)	2012	
7	Total dissolved solids, mg/L, Max	1327	1500
Chemical parameters (mg/L)			
1	Alkalinity(as CaCO <sub>3</sub> ),phenolphthalein ,max	Nil	...
2	Total alkalinity (as CaCO <sub>3</sub> ),mg/l max	172	50 to 500
3	Chloride(as Cl),max	392	500
4	Iron (as Fe),max	Nil	0.1
5	Total Residual Chlorine,mg/l	Nil	0.5
	a) At inlet , Max	....	0.5
	b) At outlet, Min	....	0.2
6	Oxygen absorbed in 4 hrs at 27 <sup>o</sup> C mg/l, Max	Nil	1.0

Remarks: Results Reported .

*P. Venkatesh*  
 Dy.Chief Water Analyst

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**DEPARTMENT OF WATER AND WASTE WATER EXAMINATION**  
 Directorate of I.P.M,P.H.Labs, Food (H) Administration, Narayanaguda, Hyderabad - 29.

**Report of Physico Chemical Analysis of Water**

Sample From : Je Bomik E/M D.R.D.O Township, Kanchanbagh, Hyd.

Collected by : P.Venkatesh

Collected on : 02-04-2024

4. Received on: on : 02-04-2024

S.no	Lab. Ref.No.	Source	Exact Location	Colour(Hazen units)	Turbidity (NTUS)	Odour	PH at °C	Electrical Conductivity at 25°C (micro mhos/cm)	Total dissolved solids	FOLLOWING RESULTS IN MILLIGRAMS PER LITRE										Result			
										Alkalinity	Phenolphthalein	Total alkalinity	Total hardness (as CaCO <sub>3</sub> )	Calcium Hardness (as CaCO <sub>3</sub> )	Magnesium hardness(as CaCO <sub>3</sub> )	Calcium(as Ca), max	Magnesium (as Mg), max	Ammonical Nitrogen	Nitrite(as N)		Nitrate as NO <sub>3</sub>	Sulphate (as SO <sub>4</sub> )	Chloride(as Cl)
2	6485	Metro water	Direct metro sump water (50,000) UG Sump main pump house	<5	2.0	U.O	7.7	779	514	Nil	148	164	88	76	21	18	Nil	2.1	7	112	0.72	Nil	Satisfactory
3	6487	Mixed (Borewell + Metro)	Direct metro sump water(200000) OHT near Director's Qrts	<5	1.7	U.O	7.5	849	560	Nil	148	196	124	72	78	17	Nil	2.3	8	112	0.73	Nil	Satisfactory

UO=Un objectionable  
 OBJ=Objectionable

*P. J. J. J.*  
 Dy. Chief Water Analyst