



TELANGANA STATE POLLUTION CONTROL BOARD
Paryavaran Bhavan, A-3, Industrial Estate, Sanathnagar, Hyderabad – 500 018
Ph: 040-23887500

CENTRAL LABORATORY

Analysis Report

Reg. No. SR/05/TSPCB/HO/R00/LAB/2018/2421

Submitted by: Madhulika Chowdary
C/o. Dhruvansh, NGO # 401, Sri Sai Ram Apts,
Anjali Gardens, Diamond Hills, Manikonda,
Hyderabad

Received on: 27/02/2018

Quantity of the sample: 1 Ltr. sample

Test method: Standard Methods of APHA, 22nd Edition
Issue date: 07/02/2018

Source: Neknampur Lake

Sample code : Sample details / collection point

2421 - Water sample collected from Neknampur lake.

Parameters	Unit	Result
		2421
pH	-	7.24
Electrical conductivity	µS/cm	2290
Chemical Oxygen Demand	mg/L	253
BOD 3 at 27°C	mg/L	76
Chlorides as Cl ⁻	mg/L	259
Sulphates as SO ₄ ²⁻	mg/L	12
Fluoride	mg/L	1.3
Nitrates as NO ₃	mg/L	32
Phosphates	mg/L	7.16
Ammonical Nitrogen	mg/L	28
Free Ammonia	mg/L	0.27

Note: Results related to sample as received.

Parameters	CPCB Water Quality Criteria				
	A	B	C	D	E
pH	6.5 – 8.5	6.5 – 8.5	6.0 – 9.0	6.5 – 8.5	6.0 – 8.5
Electrical conductivity	-	-	-	-	Max 2250
Dissolved oxygen	6 or >6	5 or >5	4 or >4	4 or >4	-
BOD 3 at 27°C	2 or <2	3 or <3	3 or <3	-	-
Free Ammonia	-	-	-	1.2 or <1.2	-

Water quality criteria as per CPCB: Below E: Not Meeting A,B,C,D & E Criteria.

Remarks:

1. The sample was collected and submitted by Ms. Madhulika Chowdary, C/o. Dhruvansh NGO, Hyderabad.
2. Separate samples for Dissolved Oxygen and bacteriology are not submitted.


(P. VEERANNA)

Joint Chief Environmental Scientist (FAC)



TELANGANA STATE POLLUTION CONTROL BOARD
Paryavaran Bhavan, A-3, Industrial Estate, Sanathnagar, Hyderabad – 500 018
Ph: 040-23887500

CENTRAL LABORATORY

Analysis Report

Reg. No. SR/05/TSPCB/HO/R00/LAB/2017/2282(A)-2283 (A)
Collected on: 17/02/2018
Test method: Standard Methods of APHA, 22nd Edition
Issue date: 24/02/2018

Submitted by: M. Venkaanna, EE, RO, RR-I
Received on: 17/02/2018
Quantity of the sample: 1 Ltr. sample
Page No.: 1 of 1

Source: Nekkampur Chervuvu

Sample code : Sample details / collection point

- 2282 (A) - Nekkampur lake sample collected opposite to M.P. Jagan Building
2283 (A) - Nekkampur lake sample collected near to Nimarjan ghat .

Parameters	Unit	Results		CPCB Water Quality Criteria
		2282 (A)	2283 (A)	
pH	-	7.53	7.56	6.5 – 8.5
Electrical conductivity	µS/cm	1470	1690	Max 2500
Chemical Oxygen Demand	mg/L	40	56	-
Dissolved oxygen	mg/L	6.2	8.3	Min 4 or more
Total Suspended Solids	mg/L	< 4	10	-
Total Dissolved Solids	mg/L	918	820	-
Chlorides as Cl ⁻	mg/L	220	215	-
Sulphates as SO ₄ ²⁻	mg/L	100	100	-
Nitrates as NO ₃	mg/L	10	15	-
Phosphates	mg/L	3.3	2.6	-
Heavy Metals				
Zinc	mg/L	< 0.1	< 0.1	-
Cadmium	mg/L	ND	ND	-
Lead	mg/L	< 0.2	< 0.2	-
Nickel	mg/L	< 0.1	< 0.1	-
Copper	mg/L	ND	ND	-
Total Chromium	mg/L	ND	ND	-

Note: Results related to sample as received.


(P.VEERANNA)

Joint Chief Environmental Scientist (FAC)

.....End of report.....