

KARNATAKA STATE POLLUTION CONTROL BOARD. REGIONAL OFFICE . GULBARGA.
ANALYSIS REPORT OF LAKE.

NAME OF THE LAKE:	Shree Sharanabasaveshwara Lake. Gulbarga City.
FREQUENCY OF MONITORING:	QUARTERLY.

DATE OF MONITORING:		08.4.2013				
SL NO	PARAMETER S	LOCATION OF SAMPLES COLLECTED IN THE LAKE				
		Inlet of the of confluence point	Opposite to the Science center	Ou let of the Lake	Near Darga	Center of the Lake
1	P ^H Unit	8.43	8.52	8.50	8.54	8.52
2	Conductivity. μ S/cm	1330	1350	1350	1350	1350
3	B.O.D. (3 days at 27°C). mg/L	*	*	*	*	*
4	Dissolved Oxygen mg/L	6.00	7.20	7.00	7.10	7.30
5	Free Ammonia as N. mg/L	0.30	0.20	0.20	0.15	0.20
6	Sodium absorption Ratio	6.80	6.53	6.09	6.61	6.34
7	Boron. mg/L	0.33	0.30	0.33	0.30	0.28
8	Total Coli form. MPN/100ml	>1600	>1600	>1600	>1600	>1600
INFERENCE.		Under Class "C"	Under Class "C"	Under Class "C"	Under Class "C"	Under Class "C"

Note: * B.O.D.Incubator under repair.

Class as per Primary water Quality criteria for various uses. laid down by "Central Pollution Control Board".

DATE OF MONITORING:		29.07.2013				
SL NO	PARAMETER S	LOCATION OF SAMPLES COLLECTED IN THE LAKE				
		Inlet of the of confluence point	Opposite to the Science center	Ou let of the Lake	Near Darga	Center of the Lake
1	P ^H Unit	8.12	8.29	8.24	8.21	8.20
2	Conductivity. μ S/cm	1300	1290	1300	1290	1290
3	B.O.D. (3 days at 27°C). mg/L	*	*	*	*	*
4	Dissolved Oxygen mg/L	5.10	6.60	6.10	5.90	6.10
5	Free Ammonia as N. mg/L	0.12	0.14	0.08	0.07	0.05
6	Sodium absorption Ratio	4.38	4.40	4.79	4.74	4.74
7	Boron. mg/L	BDL	BDL	BDI	BDL	BDL
8	Total Coli form. MPN/100ml	>1600	>1600	>1600	>1600	>1600
INFERENCE.		Under Class "C"	Under Class "C"	Under Class "C"	Under Class "C"	Under Class "C"

Note: * B.O.D.Incubator under repair.

Class as per Primary water Quality criteria for various uses. laid down by "Central Pollution Control Board".

DATE OF MONITORING:		21.10.2013				
SL NO	PARAMETER S	LOCATION OF SAMPLES COLLECTED IN THE LAKE				
		Inlet of the of confluence point	Opposite to the Science center	Ou let of the Lake	Near Darga	Center of the Lake
1	P ^H Unit	8.35	8.40	8.42	8.41	8.45
2	Conductivity. μ S/cm	1102	1134	1137	1125	1135
3	B.O.D. (3 days at 27°C). mg/L	6.27	6.3	7.4	7.1	7.1
4	Dissolved Oxygen mg/L	7.14	7.19	7.22	7.15	7.15
5	Free Ammonia as N. mg/L	0.02	0.01	0.02	0.02	0.03
6	Sodium absorption Ratio	3.00	3.04	2.76	3.30	2.76
7	Boron. mg/L	-	-	-	-	-
8	Total Coli form. MPN/100ml	>1600	>1600	>1600	>1600	1600
	INFERENCE.	Under Class "C"	Under Class "C"	Under Class "C"	Under Class "C"	Under Class "C"

Note:

Class as per Primary water Quality criteria for various uses. laid down by "Central Pollution Control Control Board.

DATE OF MONITORING:		22.01.2014				
SL NO	PARAMETER S	LOCATION OF SAMPLES COLLECTED IN THE LAKE				
		Inlet of the of confluence point	Opposite to the Science center	Ou let of the Lake	Near Darga	Center of the Lake
1	P ^H Unit	8.45	8.51	8.49	8.47	8.45
2	Conductivity. μ S/cm	1128	1157	1164	1165	1166
3	B.O.D. (3 days at 27°C). mg/L	5.6	5.5	4.8	5.0	5.6
4	Dissolved Oxygen mg/L	7.75	7.71	7.73	7.77	7.71
5	Free Ammonia as N. mg/L	0.17	0.05	0.06	0.05	0.03
6	Sodium absorption Ratio	2.54	2.55	2.53	2.56	2.66
7	Boron. mg/L	0.80	0.70	0.70	0.80	0.60
8	Total Coli form. MPN/100ml	1600	900	900	350	21
	INFERENCE.	Under Class "D"	Under Class "D"	Under Class "D"	Under Class "D"	Under Class "D"

Note:

Class as per Primary water Quality criteria for various uses. laid down by "Central Pollution Control Control Board.