

**STATE WATER TESTING LABORATORY, R.W.S.&S. ODISHA
KHANDAGIRI, BHUBANESWAR.**

Phone – (0674) 2951880; E-mail – rwsscentrallabodisha@gmail.com

No. 507 (OP) /dt 01.06.2024.

To

**Morning Glory Public School,
Sundarpur, Chandaka,
Bhubaneswar-751024.**

Sub: Test report of water samples

Ref: Your office letter No. Nil /Dt.29.05.2024.

Sir,

The test report of the water samples sent to this Laboratory for testing of Chemical Parameters & Bacteriological Analysis is enclosed herewith for your kind information and necessary action .

| Enclosed: - As above.

Yours faithfully,

W. S. S. Odisha
Analyst (Chemist)

State Water Testing Laboratory,
RWSS(O)Khandagiri, Bhubaneswar.

C.C. Submitted to :

- Engineer-in-Chief, RWS&S(O), Bhubaneswar for favour of kind information.
- Chief Engineer-I, RWS&S/Chief Engineer-II, RWS&S Odisha, Bhubaneswar for favour of kind information.
- Nodal Officer (WQ), State Water Testing Laboratory, RWSS (O)Khandagiri, Bhubaneswar for favour of kind information

**STATE WATER TESTING LABORATORY, R.W.S.&S., ODISHA
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WATER ANALYSIS REPORT

TEST REPORT NO.- SWTL-TR/789/2024/S1-S1

ULR - TC609424000000496F

DATE OF ISSUE – 01.06.2024



TC -6094

Sample Particulars		Details of Sample	
Name of the Customer :-	Morning Glory Public School Sundarpur, Chandaka, Bhubaneswar-751024.	Type of Source:-	Drinking Water/ Tap
		Date of Sampling:-	29.05.2024
		Sample receive date:- Vide letter No.	29.05.2024/ Vide letter No. Nil/ Dated /29.05.2024
Sample Package Condition:-		Sample Registration Date	29.05.2024
a) Quantity of Sample Received- 1ltr		Sampling Protocol:-	Samples are not collected by this laboratory.
b) Type of Container - pp		Sample Collected by:-	Subham Pattanaik
		Sample Location:-	Morning Glory Public School.

TEST RESULT

Test Started on-		01.06.2024		Test Completed on-		01.06.2024	
Sl.	Test Parameters	Units	Results	Requirements IS 10500 : 2012		Test Method	
				Acceptable Limit	Permissible Limit in absence of alternate source		
1	Temperature	⁰ C	1- 25.3	-----	-----	APHA 23 rd Ed 2017-2550 B (Laboratory & Field Method)	
2	pH	pH Unit	1- 6.50	6.5 to 8.5	No relaxation	APHA 23 rd Ed 4500-H ⁺ B (Electrometric Method)	
3	Elect. Conductivity	µmho/cm	1- 105.1	-----	-----	APHA 23 rd Ed 2510 B (Instrumental Method)	
4	Chloride	mg/l	1- 16.0	250	1000	APHA 23 rd Ed 4500 – Cl- B (Argentometric Method)	
5	Total Hardness (as CaCO ₃)	mg/l	1- 40.0	200	600	APHA 23 rd Ed 2340 C (EDTA Titrimetric Method)	
6	Total Alkalinity (as CaCO ₃)	mg/l	1- 40.0	200	600	APHA 23 rd Ed. - 2320 B (Titration Method)	
7	Iron	mg/l	1- 0.106	1.0	No relaxation	APHA 23 rd Ed 3500 – Fe B (Phenanthroline Method)	
8	Turbidity	NTU	1- 1.59	1.0	5.0	APHA 23 rd Ed. - 2130. B (Nephelometric Method)	
9	Fluoride (as F ⁻)	mg/l	1- 0.0686	1.0	1.5	APHA 23 rd Ed. 4500 F ⁻ C (Ion -Selective Electrode Method)	
10	Nitrate(NO ₃ -)	mg/l	1- 1.71	45.0	No Relaxation	APHA 23 rd Ed. - 2320 B (Titration Method)	

Note :- The samples were tested with dilution.

Information on Test Report :

Results relates only to samples received in the Laboratory.

The test report shall not be reproduced except in full without written approval of SWTL.

APHA – American Public Health Association

Reviewed by

Technical Manager

Analyst (Chemist) & Quality Manager.
State Water Testing Laboratory
Authorised Signatory

***** End of Report*****

**STATE WATER TESTING LABORATORY, R.W.S.&S., ODISHA
KHANDAGIRI, BHUBANESWAR**

Phone – (0674) 2951880; E-mail. – rwsscetrallabodisha@gmail.com



WATER ANALYSIS REPORT

TEST REPORT NO.- SWTL-TR/789/2024/S1-S1

DATE OF ISSUE -01.06.2024

Sample Particulars		Details of Sampling	
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		Date of Sampling:-	29.05.2024
		Sample receive date:- Vide letter No.	29.05.2024/ Vide letter No. Nil/ Dated /29.05.2024
Sample Package Condition:-		Sample Registration Date	29.05.2024
a) Quantity of Sample Received -1ltr		Sampling Protocol:-	Samples are not collected by this laboratory.
b) Type of Container - pp		Sample Collected by:-	Subham Pattanaik
		Sample Location:-	Morning Glory Public School.

TEST RESULT

Test Started on-		01.06.2024		Test Completed on-		01.06.2024	
Sl.	Test Parameters	Units	Result	Requirements IS 10500 : 2012		Test Method	
				Acceptable Limit	Permissible Limit in absence of alternate source		
1	Colour	Hazen Unit	1- 8.0	5	15	Visual Comparison Method (APHA 23 rd Ed 2120 - B)	
2	Odour	-----	1- Agreeable	Agreeable	Agreeable	Threshold Odour Test (APHA 23 rd Ed 2150 - B)	
3	Taste	-----	1- Agreeable	Agreeable	Agreeable	-----	

Bacteriological Test

Test Started on-		29.05.2024		Test Completed on-		30.05.2024	
4	Total Coliform	CFU/100ml	1- 0.0	Shall not be detectable in any 100 ml Samples		MFT Method	
5	E Coli	CFU/ 100ml	1- 0.0				

Note :- The samples were tested with dilution.

Information on Test Report :

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APHA – American Public Health Association

Jan
1.6.24
Microbiologist

Reviewed by
Harsh
01/06/24
Technical Manager
Imish
1.6.24

Harsh
11/06/24
Analyst (Chemist) & Quality Manager
State Water Testing Laboratory
Authorised Signatory

***** End of Report*****

Annexure C

PROFORMA FOR SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

No. SD

Dated: 19/06/21

It is certified that an inspection team headed by SAMANWAYA TRIPATHY

(Name of Officers with designation) from O/o. RWSSB Section BSR

inspected the MORNING GLORY PUBLIC SCHOOL, SUNDARPUR CHANDAKA, BSR

(Name & Address of the school) on 19/06/2021 (date of inspection) and on the basis of

Water Test Report (Attached) bearing no. 507 dated 01/06/21

of State Lab Khandagiri, BSR (PHED Lab) certified that the

MORNING GLORY PUBLIC SCHOOL, BSR (Name of school) has safe drinking water

facilities for the students and members of staff of the institution. School is also maintains the

hygienic sanitation condition in the school building & the campus as per norms prescribed by the

Central/ State/ U.T. Govt.

This certificate is valid till 18/06/25

Signature with Seal: S. Samanwaya

Name

Designation

Name & Address of the Office / Department

RWSSB Division, BSR

To

PRINCIPAL
MORNING GLORY PUBLIC SCHOOL, CHANDAKA,
(Name & Address of the Institution) BSR

Note: The certificate is to be issued by authorized officer / PHED Lab / local bodies