

**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

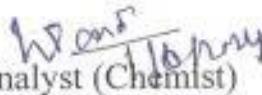
Ref: Your office letter No. Nil /Dt.29.05.2024.

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,

  
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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Phone - (0674) 2951880; E-mail. - [rwscentralabodisha@gmail.com](mailto:rwscentralabodisha@gmail.com)



**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	
Sample Package Condition:-		Date of Sampling:-	29.05.2024	
a) Quantity of Sample Received- 1Ltr		Sample receive date:- Vide letter No.	29.05.2024/ Vide letter No. Nil/ Dated /29.05.2024	
b) Type of Container - pp		Sample Registration Date	29.05.2024	
		Sampling Protocol:-	Samples are not collected by this laboratory.	
		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	°C	1- 25.3	----	----	APHA 23 <sup>rd</sup> Ed 2017-2550 B (Laboratory & Field Method)
2	pH	pH Unit	1- 6.50	6.5 to 8.5	No relaxation	APHA 23 <sup>rd</sup> Ed 4500-H <sup>+</sup> B (Electrometric Method)
3	Elect. Conductivity	µmho/cm	1- 105.1	----	----	APHA 23 <sup>rd</sup> Ed 2510 B (Instrumental Method)
4	Chloride	mg/l	1- 16.0	250	1000	APHA 23 <sup>rd</sup> Ed 4500 - Cl- B (Argentometric Method)
5	Total Hardness (as CaCO <sub>3</sub> )	mg/l	1- 40.0	200	600	APHA 23 <sup>rd</sup> Ed 2340 C (EDTA Titrimetric Method)
6	Total Alkalinity (as CaCO <sub>3</sub> )	mg/l	1- 40.0	200	600	APHA 23 <sup>rd</sup> Ed. - 2320 B (Titration Method)
7	Iron	mg/l	1- 0.106	1.0	No relaxation	APHA 23 <sup>rd</sup> Ed 3500 - Fe B (Phenanthroline Method)
8	Turbidity	NTU	1- 1.59	1.0	5.0	APHA 23 <sup>rd</sup> Ed. - 2130. B (Nephelometric Method)
9	Fluoride (as F <sup>-</sup> )	mg/l	1- 0.0686	1.0	1.5	APHA 23 <sup>rd</sup> Ed. 4500 F °C (Ion -Selective Electrode Method)
10	Nitrate(NO <sub>3</sub> -)	mg/l	1- 1.71	45.0	No Relaxation	APHA 23 <sup>rd</sup> 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

Subham Pattanaik  
01/06/2024

Technical Manager

Jmtshra  
01.6.24

Ward  
11/6/2024  
Analyst (Chemist) & Quality Manager,  
State Water Testing Laboratory  
Authorised Signatory

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

**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  
DATE OF ISSUE -01.06.2024

Sample Particulars		Details of Sampling	
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:- a) Quantity of Sample Received -1ltr b) Type of Container - pp		Sample Registration Date	29.05.2024
		Sampling Protocol:-	Samples are not collected by this laboratory.
		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 <sup>rd</sup> Ed 2120 - B)
2	Odour	----	1- Agreeable	Agreeable	Agreeable	Threshold Odour Test (APHA 23 <sup>rd</sup> 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.

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APHA – American Public Health Association

Reviewed by

Technical Manager

Jmishra  
1.6.24

Wor  
1.6.24

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

Microbiologist

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

## Annexure C

### PROFORMA FOR SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

No. SD

Dated: 19/06/29

It is certified that an inspection team headed by SAMANWAYA TRIPATHY

(Name of Officers with designation) from O.D. AERWLRS Section BBSR PHED

inspected the MORNING GLORY PUBLIC SCHOOL SUNDARPUR CHANDAKA, BBSR

(Name & Address of the school) on 19/06/2029 (date of inspection) and on the basis of Water Test Report (Attached) bearing no. 507 dated 01/06/29

of State Lab Chandigarh, BBSR (PHED Lab) certified that the MORNING GLORY PUBLIC SCHOOL, BBSR (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:

Name

Designation

Name & Address of the Office / Department

S. Manohar Tripathy  
Asst. Engineer  
RWSR Division, BBSR

To

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

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