

STATE LEVEL WATER TESTING LABORATORY

Public Health Engineering Department, Govt. of Bihar

Chajjubagh, Patna - 800 001

Ref No. SLWTL/1108/18

Date. 04.06.2018

Sanitary Certificate


I hereby declare that our Team Headed by Dr. A. Upadhyay, Visited the SHIVAM CONVENT, New Bypass Road, Kankarbagh, Patna-800 020 on 01.06.2018. The Team Observed the School campus and the surrounding as well as Toilets are neat and clean. There is sufficient amount of Drinking water available.

The quality of water and sanitation is good.

Signature With Seal


PRINCIPAL
J.N.V., JEHANABAD


Principal
D.A.V. Public School
Urvarak Nagar, Patna
Begu a di, Patna-115

 Technical Consultancy by - Scientific Research Laboratory
Manager, 90, Lake East (4th Road), Santoshpur, Jadavpur, Kolkata-700 075
Shivam Convent
New By Pass Road
Kankarbagh, Patna

PRINCIPAL
SHIVAM CONVENT
NEW BYPASS ROAD
KANKARBAGH, PATNA-20

STATE LEVEL WATER TESTING LABORATORY (SLWTL)

PHED, GOVT. OF BIHAR

CHHAJJUBAGH, PATNA-800001

Technical Consultancy by - Scientific Research Laboratory
90, Lake East (4th Road), Santoshpur, Jadavpur, Kolkata-700075

TEST CERTIFICATE

Report No: SRL/PAT/SLWTU/SC/DW-01/18-19	Date of Reporting: 02.06.2018
Name of the Organisation: SHIVAM CONVENT	Sample Received on: 31.05.2018
Ref.Memo No: SC/Pat/801/2018 dt. 31.05.18	Date of Sampling: 31.05.2018
Location: New Bypass Road, Kankarbagh, Patna-800 020	Source of Sample: Drinking Water
Sample Collected By: Not Collected by SLWTL	

PHYSICO-CHEMICAL TEST REPORT

Sl	Parameters	Desirable Limit*	Permissible Limit* in absence of alternate source	Method of Testing Parameters	Results
1	pH Value	6.5-8.5	No relaxation	pH meter	7.10
2	Turbidity, NTU, Max	1.0	5.0	Nephelometric	1.00
3	Conductivity, μ mho/cm	-	-	Conductivity meter	586.00
4	Total Dissolved Solid, mg/l, Max.	500.0	2000.0	Conductivity meter	364.00
5	Total Hardness(as CaCO ₃), mg/l, Max	300.0	600.0	EDTA method	284.00
6	Calcium(as Ca), mg/l, Max	75.0	200.0	EDTA method	64.15
7	Magnesium(as Mg), mg/l, Max	30.0	100.0	EDTA method	36.84
8	Chloride(as Cl), mg/l, Max.	250.0	1000.0	Titration	62.57
9	Alkalinity(as CaCO ₃), mg/l, Max.	200.0	600.0	Titration	262.00
10	Iron(as Fe), mg/l, Max.	1.0	No relaxation	Phenonthroline	0.34
11	Nitrate(as NO ₃), mg/l, Max.	45.0	No relaxation	UV-method	1.15
12	Sulphate(as SO ₄), mg/l, Max.	200.0	400.0	Turbidimetric	11.34
13	Fluoride(as F), mg/l, Max.	1.0	1.5	SPANDS	0.29
14	Arsenic(as As), mg/l, Max.	0.01	No relaxation	AAS	BDL
15	Manganese (as Mn), mg/l, Max.	0.10	0.30	IS, 3025 (Part 59)	BDL

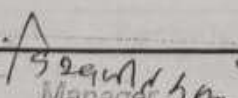
- Note: * (i) Drinking Water Specification Second Revision -IS:10500:2012
 (ii) All the testing parameters methods are taken from APHA 22nd Edition 2012.
 (iii) BDL means Below Detection Limit

BACTERIOLOGICAL TEST REPORT

Sl. No.	Parameters	Permissible Limit	Method of Testing Parameters	Results
16	Coliform Organisms, MPN/100ml	"	M-Test-Tube Technique	Absent

Note: **Shall not be detectable in any 100 ml sample

Note: This Water Sample is fit for Drinking Purpose.


 Manager
 Shivam Convent
 New Bypass Road
 H. Pr.

J.N.V., JEHANABAD
 Prepared by: Scientific Research Laboratory

PRINCIPAL
 SHIVAM CONVENT
 BYPASS ROAD

Principal
 D.A.V. Public School
 Urvarak, Sir B. J. J. i
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