

पत्रांक 13 पटना / दिनांक 12/01/2023

प्रेषक,

वरीय अनुसंधान पदाधिकारी,
लोक स्वास्थ्य संस्थान, पटना।
लोक स्वास्थ्य अभियंत्रण विभाग, बिहार, पटना।

सेवा में,

डैफोडिल्स इंटरनेशनल पब्लिक स्कूल,
चकदौलत, बख्तियारपुर, पटना।

विषय :- जल जाँच रिपोर्ट प्रस्तुत करने हेतु।

प्रसंग- आपका पत्रांक- DIPS/Wat./2022-23/003 दिनांक- 09.01.2023

महाशय,

उपरोक्त प्रासंगिक पत्र में निहित निर्देश के आलोक में कुल 01 अदद जल जाँच नमूना का सभी पारामीटर जाँच हेतु भेजा गया था। जिसके आलोक में प्रयोगशाला प्रभारी द्वारा जल जाँच कर जाँचोपरान्त जाँच रिपोर्ट अग्रेतर कार्यवाही हेतु प्रस्तुत किया जा रहा है।

विश्वासभाजिका

मंजु कुमारी
12.1.23

वरीय अनुसंधान पदाधिकारी,
लोक स्वास्थ्य संस्थान, पटना।
लोक स्वास्थ्य अभियंत्रण विभाग, बिहार, पटना।

Sadika Rhaton
President

Daffodils International Public School
Chakdaulat, Bakhtiyarpur (Patna)
Aff. No.-330847, School Code-65845

Asha Singh
Principal

Daffodils International Public School
Chakdaulat, Near-NH-30 (Four Lane)
Bakhtiyarpur, Patna
Aff. No.-330847, School No.-65845



STATE LEVEL WATER TESTING LABORATORY
P.H.E.D., GOVERNMENT OF BIHAR

Format No.: SLWTL/FRM/02

Issue No.: 03

TEST REPORT

Issue Date: 10.01.2023

Report No: SLWTL/2023/GW-12

Date of Reporting: 10.01.2023

Name of the Organisation/Person: Daffodils International Public School

Location Details: Chakdaulat, Near NH-30 Four Lane, Bakhtiyarpur, Patna

Ref. Memo No: DIPS/Wat/2022-23/003 Date: 09.01.2023

Sample Received on: 09.01.2023

Sample Collected by SLWTL (SLWTL collect sample followed by the Sampling Procedure "SLWTL/PCD/02/15"); No

Type of Sample: Ground Water

Source of Sample: Boring Water

Volume of Sample: 1 Ltr

Type of Container: Plastic

Mode of Preservation: Preserved

Sample Condition: Sealed

Deviation of Method, If Any: NIL

Date of Sampling: 09.01.2023

Date of Analysis Started: 09.01.2023

Date of Analysis Completed: 10.01.2023

Remarks: Submitted sample of water confirm to IS:10500-2012 with respect to tested parameters.

| Sl. No. | Parameters | Minimum Detection Limit | Desirable Limit* | Permissible Limit* in absence of alternate source | Method of Testing Parameters (APHA 23 rd Ed. 2017) | Results |
|---------|---|-------------------------|------------------|---|---|---------|
| 1 | pH Value | 2.0 | 6.5-8.5 | No relaxation | 4500-H-B, 4-95 to 4-99 | 7.12 |
| 2 | Turbidity, NTU | 4.0 | 1 | 5 | 2130-B, 2-13 to 2-15 | <4.0 |
| 3 | Conductivity, $\mu\text{mho/cm}$ | 1.0 | - | - | 2510-B, 2-58 to 2-59 | 1108 |
| 4 | Total Dissolved Solid, mg/l | 10.0 | 500 | 2000 | 2540-C, 2-69 to 2-70 | 720 |
| 5 | Total Hardness(as CaCO_3), mg/l | 10.0 | 200 | 600 | 2340-C, 2-48 to 2-50 | 524 |
| 6 | Calcium(as Ca), mg/l | 5.0 | 75 | 200 | 3500-Ca B, 3-69 | 141.08 |
| 7 | Magnesium(as Mg), mg/l | 2.0 | 30 | 100 | 3500-Mg B, 3-86 | 41.80 |
| 8 | Chloride(as Cl), mg/l | 5.0 | 250 | 1000 | 4500-Cl B, 4-75 | 97.95 |
| 9 | Alkalinity(as CaCO_3), mg/l | 10.0 | 200 | 600 | 2320-B, 2-37 | 280 |
| 10 | Iron(as Fe), mg/l | 0.01 | 1.0 | No relaxation | 3500-FeB 3-80 to 3-82 | <0.01 |
| 11 | Nitrate(as NO_3), mg/l | 1.0 | 45 | No relaxation | 4500- NO_3 -B, 4-127, to 4-129 | 8.51 |
| 12 | Sulphate(as SO_4), mg/l | 5.0 | 200 | 400 | 4500- SO_4 E, 4-199 to 4-200 | 99.00 |
| 13 | Fluoride(as F), mg/l | 0.01 | 1.0 | 1.5 | 4500-D, 4-90 -4-92 | 0.38 |
| 14 | Arsenic(as As), mg/l | 0.002 | 0.01 | No relaxation | 3500-As A & B, 3-66 to 3-68 | <0.002 |
| 15 | Manganese (as Mn), mg/l, Max *** | 0.01 | 0.10 | 0.30 | IS. 3025 (Part 59) | <0.01 |
| 16 | Coliform Organisms, MPN/100ml *** | - | - | ** | M-Test-Tube Technique | Absent |

Note: * (i) Drinking Water Specification Second Revision -IS: 10500:2012, ND=Not Done, NR=Not Required

** Shall not be detectable in any 100 ml sample.

*** This parameter is not included in Scope of Accreditation.

(Shubhanker Kumar Biswas)

Signature of Lab-in-charge

Copy forwarded to: (i) S.R.O., PHED, Govt. of Bihar; (ii) Engineer-in-Chief, PHED, Govt. of Bihar; (iii) Director, Water Quality, PHED, Govt. of Bihar

Lab-in-charge
SLWTL PHED Patna
Received By

1. The results are reported based on the materials received. 2. Sample will be destroyed after 15 Days from the date of issue of the test report subject to nature of preparation unless otherwise specified. 3. Sample will be preserved according to standard method. The test report shall not be reproduced except in full, without the written permission of the competent authority of the Laboratory.

----- END OF TEST REPORT -----

| | | | |
|-------------------------------------|---|--|--|
| Prepared by: Quality Manager | Approved by: S.R.O cum Technical Manager | Issued by: Research Assistant cum Lab-in-charge | Page 1 of 1 Revision No.: 0 Revision Date: Nil |
|-------------------------------------|---|--|--|

Principal

Daffodils International Public School
Chakdaulat, Near-NH-30 (Four Lane)
Bakhtiyarpur, Patna

President

Daffodils International Public School
Chakdaulat, Bakhtiyarpur (Patna)
Aff. No.-330847, School Code-65845

PROFORMA REGARDING SAFE DRINKING WATER AND SANITARY CONDITION
CERTIFICATE.

No. 155Date: 08/08/2022

It is certified that an inspection team headed by Mr. Sahel Ahmad
Anam BEO Bakhtiyarpur Patna (Name of Officers with
designation) from Education (Name of
Department/Office) inspected the Daffodils International
Public School, Chakdaulat Near NH-30 (Four Lane), (Name
Patna-803202 & Address of the School) on 8/08/22 and found that the
Daffodils International Public School (Name of school) has safe
drinking water facilities for the students and members of staff of the institution
and is maintaining the hygienic sanitation condition in the school building & the
campus as per the norms prescribed by the Central/State/U.T Govt.

The above valid for a period of 01Signature with Seal : 08/08/2022Name : Mr. Sahel Ahmad AnamDesignation : BEO, Bakhtiyarpur

To,

Daffodils International
Public SchoolChakdaulat near NH-30 (Four Lane),
Bakhtiyarpur, Patna - 803202

(Name & Address of the Institution)

Sahel Singh
Principal
Daffodils International Public School
Chakdaulat, Near-NH-30 (Four Lane)
Bakhtiyarpur, Patna
Aff. No.-330847, School No.-65845

Sadika R. Hassan
President

Daffodils International Public School
Chakdaulat, Bakhtiyarpur (Patna)
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