

Murshidabad Adarsha Mahavidyalaya

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www.murshidabadadarshamahavidyalaya.in



Islampur
Murshidabad
Pin- 742304 (W.B.)

Memo No: MAM / /

Date: ___/___/___

MURSHIDABAD ADARSHA MAHAVIDYALAYA

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Islampur
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Memo No: MAM / /

Date: 17/05/2023

From-
Sri Basob Ghosh,
Teacher-in-Charge,
Murshidabad Adarsha Mahavidyalaya,
Islampur, Murshidabad, WB -742304.

To,
Majrul Sk,
SACT,
Department of Geography,
Murshidabad Adarsha Mahavidyalaya.

Dear Teacher,

You are appointed as a Survey-in-Charge for conducting a survey in the adjacent villages of college to collect the data on Drinking Water as extended community service. So, you are requested to make a team from your department and conduct the same within the month of May 2023. You are also authorized to arrange the necessary things according to the need of Survey. After the completion of Survey, you are requested to submit the details report to IQAC Coordinator, MAM.



TEACHER-IN-CHARGE
MURSHIDABAD
ADARSHA MAHAVIDYALAYA
Islampur, Msd

Indra Kumar Mishra

Principal
Murshidabad Adarsha Mahavidyalaya
P.O.-Islampur, Dist.-Murshidabad
West Bengal

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Murshidabad Adarsha Mahavidyalaya
Department of Geography

NOTICE

This is to notify all the teachers of department of Geography that a departmental meeting will be arranged at college staff room at 3pm on 25/05/23 at college staff room. I cordially invite all the departmental teachers to attend the meeting.

Agenda:

- i) To discuss about the arrangement of water quality assessment survey conducted by Majrul Sir, as instructed by TIC Sir.
- ii) Miscellaneous.

Majrul Sir
24.05.23

Amissree Kundu.
24/05/23

Md. Abdul Ukil
24.05.2023

HOD
Department of Geography, MAM

Dr. Rakibul Islam
24/05/23

Department of Geography
Murshidabad Adarsha Mahavidyalaya
Islampur, Murshidabad (W.B.)



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Murshidabad Adarsha Mahavidyalaya
Department of Geography

P-15

Meeting No-22
1) Anusree Kundu
2) Majoral SK
3) Dr. Fakirul Islam
4) Md Abdul Ucil
Date: 25/05/2023
Time: 3pm
Place: College Staff room

Resolution Taken:

The teachers of the Department of Geography have attended today's meeting and the following agenda were discussed and resolutions were taken:

1) As per TIC Sir's decision on Water Quality Assessment Survey, the teachers of the Department of Geography unanimously decided that Mr. Majoral Sir will conduct this survey on 31st May, 2023 at Chak Islampur and 15 students of 4th semester Honours will accompany him. In this survey report Mr. Majoral Sir will prepare a survey report and submit a copy of the survey report to the department also. The total survey process will be collaborated with TADC, MAM.

* Name of the students:

1) Baby Sakana Khatun	9) Sakana Azim	13) Rumana Sultana
2) Rubel Malitha	10) Alimaluddin	14) Jahangir Hossain
3) Barwali Pal	11) Asgar Ali	15) Samiul Islam
4) Sathi Pal	12) Samim Sir.	20) Humayun Mondal
5) Samrat Shah	13) Munmun Khatun	
6) Atikus Samad	14) Momtoj Khatun	
7) Alhasanul Habib	15) Sania Khatun	
8) Sakina Khatun	16) Rumana Khatun	

11) A proposal of Departmental farewell programme by the teachers for the 6th semester students has been raised for discussion. However the teachers have not come to any unanimous agreement on this matter and by unanimous

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decision the proposal for the farewell programme was dropped.

Amrute Kundu

HOD
Department of Geography, MAM

B. D. S.
Teacher-in-Charge
Murshidabad Adarsha Mahavidyalaya
Chak Islampur, Murshidabad

Department of Geography
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MURSHIDABAD ADARSHA MAHAVIDYALAYA

A Step towards Community Services

Survey on the TDS Values of Drinking Water in the Household of Harharia Chak

Organized by the Department of
Geography, MAM in Collaboration with
IQAC, MAM

1. Head of the Family. _____
2. No. of Family Members. _____
A. Adult. _____ & B. Children. _____
3. Source of Drinking Water.
a. Tube well. _____, b. PHE. _____, c. Purified Water. _____, d. Others. _____
4. Level of TDS...
a. 50-250ppm, b. 300-500ppm, c. 600-900ppm, d. 1000-2000ppm, e. >2000ppm
5. Any Health Issues Related to Water. _____
6. Suggestions. _____

Signature of the Survey-in-charge

Signature of the Family member

Date: 31/05/2023

Time: 11 am onwards



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Islampur, Murshidabad (W.B.)

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Murshidabad Adarsh Mahavidyalaya

Department of Geography

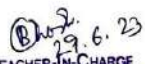
Islampur, Murshidabad, 742304

Notice

This is to inform that everyone on 31st July ²⁰²³ we will conduct a survey in Harharia Chak village
Collaboration with IQAC. All students are requested to participate in this survey. We will start
the survey from 12 noon.

Majidul SK
29.06.23
Survey-in-Charge


29/6/23
Coordinator
IQAC
Murshidabad Adarsha
Mahavidyalaya
Islampur, Murshidabad


29.6.23
TEACHER-IN-CHARGE
MURSHIDABAD
ADARSHA MAHAVIDYALAYA
Islampur, Msd





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Memo No: MAM / /

Date: ___/___/___

MURSHIDABAD ADARSHA
MAHAVIDYALAYA
A Step towards Community
Services

Survey on the TDS Values of Drinking Water in the Household of Harharia Chak

Organized by the Department of
Geography, MAM in
Collaboration with IQAC, MAM

Details of Surveyor Team

Date: 31/05/2023
Time: 11 am Onwards

Sl. No.	Name of the Student	Registration No.	Signature of the Student
1	Baby Sahana Khatun	073401	Baby Sahana Khatun
2	Rubel Malitha	073436	Rubel Malitha
3	Barnali Pal	073402	Barnali Pal
4	Sathi Pal	073415	Sathi Pal
5	Samrat Shah	073439	Samrat Shah
6	Atikus Samad	073423	Atikus Samad
7	Ahasanul Habib	073417	Ahasanul Habib
8	Sahina Khatun	073411	Sahina Khatun
9	Sabana Azmin	073410	Sabana Azmin
10	Ajmaluddin	073415	Ajmaluddin
11	Asgar Ali	073421	Asgar Ali
12	Samim Sk	073438	Samim SK
13	Munmun Khatun	073406	Munmun Khatun
14	Momotaj Khatun	073405	Momotaj Khatun
15	Sonia Khatun	073416	Sonia Khatun
16	Rumana Khatun	073408	Rumana Khatun
17	Rumana Sultana	073407	Rumana Sultana
18	Jahangir Hossain	073427	Jahangir Hossain
19	Md Samiul Islam	073430	Md Samiul Islam
20	Humayun Mondal	073426	Humayun Mondal
21	Md Hasanujjaman Mandal	073429	Md. Hasanujjaman Mandal
22	Sairin Sultana	073412	Sairin Sultana
23	Runa Khatun	073409	Runa Khatun

Majidul SK 31.05.23
Surveyor in-charge



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Date: ___/___/___

Group-A

1. Baby Sahana Khatun
2. Rubel Malitha
3. Barnali Pal
4. Sathi Pal
5. Samrat Shah
- 6. Atikus Samad**
7. Ahasanul Habib
8. Sahina Khatun

Group-B

9. Sabana Azmin
10. Ajmaluddin
11. Asgar Ali
- 12. Samim Sk**
13. Munmun Khatun
14. Momotaj Khatun
15. Sonia Khatun
16. Rumana Khatun

Group-C

17. Rumana Suntana
18. Jahangir Hossain
19. Samiul Islam
20. Humayun Mondal
21. Md Hasanujjaman Mandal
- 22. Sairin Sultana**
23. Runa Khatun
24. Anuska Saha

Note: Bold mark student as a Team leader

Indra kumar mistri

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Murshidabad Adarsh Mahavidyalaya

A Step Towards Community

Services

Survey on the TDS values of the drinking water in the household of Harharia Chak

Organised by the department of

Geography, MAM In

Collaboration with IQAC MAM

Survey Report

The following list details common total dissolved solids that may be present in the water calcium, chloride, magnesium, potassium, zinc, aluminium, copper, lead, arsenic, iron, chlorine, sodium, chloride, bicarbonate, sulphate, pesticide, etc. Total dissolve solids (TDS) come from many sources, both natural and man-made. Natural sources of TDS include springs Lake, river plants and soil, for example when water flow underground in natural spring, it about minerals such as calcium, magnesium, potassium from rocks.

How to measure TDS:

If you have reserve osmosis system you can use the following formula to calculate the percentage rejected of TDS and to measure your RO (Reverse Osmosis) system's performance.

1. Measure the TDS of raw feed water by submersing the tester's probes in a glass of tap water, record the result.
2. Major the TDS of your RO water by filling a glass with RO water from flow set and submersing the tested props into the water record the result.
3. Measurement of TDS is done through Pocket TDS.

TDS water chart:

TDS Value	Remarks
<50 to 250ppm	Low: Lacking minerals such as calcium magnesium, and zinc.



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300ppm to 500ppm	Ideal: This level is the sweet spot for TDS in drinking water the water most likely content minerals and does not test flat.
600ppm to 900ppm	Not great: Consider a rivers osmosis system to filter TDS.
1000ppm to 2000ppm	Bad: It is not recommended to drink water at this TDS level.
>2000ppm	Unacceptable: A TDS level above 2000 PPM is unsafe and household filters cannot properly filter this level of contamination.

Source: WHO, 2022

We surveyed 23 students for this TDS measurement at Harharia Chak on 31st June and we used Pocket TDS Metre in that survey.

We conducted 100 houses in Harharia Chak and in every household survey report on the TDS meter scale show between 300 and 500 ppm. Water having a TDS value between 300 and 500 ppm, which water is very suitable for uses or drinking. According to the report of the WHO, the TDS value of drinking water is between 300 and 500ppm and the water is acceptable as drinking water.

The TDS value of the water in the one hundred houses surveyed Harharia Chak village is between 300 and 500ppm, so the water is suitable for human consumption and drinking. And finally, it can be said that according to the field Report, the information available shows that every tube well in Harharia village is well for to use the water.

Generally, the TDS level in that water is ideal once the water is kept in the earthen pitcher in the village and after 24 hours and that water is very edible.

So, if we keep the water in an earthen pitcher for 24 hours and then drink that water, the TDS of that water will be fine and our body will not have any disease.



Indra kumar Mistri

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Usually in the villages, many types of diseases are seen in the stomach of the people of Villages, especially mothers. Many types of diseases such as liver stone, stomach irritation is caused due to TDS level in this water.

Hence, we will try to keep the water alive in earthen pitcher at least 24 hours and get the TGS level right and then drink that water as a result, no disease or germs can enter our body.

During Field Survey:



B. K. S.
4.7.23
TEACHER-IN-CHARGE
MURSHIDABAD
ADARSHA MAHAVIDYALAYA
Islampur, Msd

Majidul Sh
02.07.23

[Signature]
09/07/2023
Coordinator
IQAC
Murshidabad Adarsha
Mahavidyalaya
Islampur, Murshidabad



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