



# JHARKHAND STATE POLLUTION CONTROL BOARD

Central Laboratory, Mano Balram Bhawan, Hatia Ranchi, Phone:-0651-2291449

Ref. No.....280.....

Ranchi, Date 08.12.2020

From ,

R.N. Kashyap,  
Board Analyst.

To,

Kamla Kant Pathak,  
Regional Officer,  
Regional Office, Dumka.

**Sub: Regarding Microbiological Test Report of Water samples of River Ganga.**

Sir,

With reference to above subject, please find enclosed Microbiological Test Report of Water samples of River Ganga collected on 02.11.2020 and 25.11.2020. The details of which are as follows. The analysis has been done by M/s Gems Project Pvt. Ltd., Ranchi.

Sl.	Details of Samples.	Date of Collections.
1.	River Ganga, Near Janta Ghat, Dist.-Sahebganj.	02.11.2020 and 25.11.2020
2.	River Ganga, Near LCT Ghat, Dist.-Sahebganj.	02.11.2020 and 25.11.2020
3.	River Ganga, At.-Rajmahal, Dist.-Sahebganj.	02.11.2020 and 25.11.2020
4.	River Ganga, At.- Singhidalan, Rajmahal, Dist.-Sahebganj.	02.11.2020 and 25.11.2020

Encl : Above.

Shri Ravi K. K.  
Kamal  
08/12/2020

Yours faithfully.

*R.N. Kashyap*  
08/12/2020  
(R.N.Kashyap)

Board Analyst, Ranchi



# GEMS PROJECTS PVT.LTD.

(ENVIRONMENTAL LABORATORY DIVISION)

APPROVED BY JHARKHAND STATE POLLUTION CONTROL BOARD, GOVT OF JHARKHAND

## Microbiology Water Analysis Report

Name of the client	River Ganga, At. – Singhidalan, Rajmahal, Dist- Sahebganj	Sample ID	G/M/SG/201127/SW/02
		Type of Industries	River
		Sample Location	.....
		Sample collected by	Client
		Sampling protocol	.....
Sample description	Surface Water	Sampling date	25-11-2020
Sample Quantity	125 ml	Test start date	27-11-2020
Date of Issue	03-11-2020	Test complete date	02-12-2020

## Microbiology Test Report

S. no.	Tested Parameters	Unit	Result	Method No.	Permissible Limit
1.	Total Coliform	MPN/100ml	11	IS: 1622-1981	Shall not be detectable in 100ml of sample as per IS 10500:2012
2.	E-coli	MPN/100ml	2	IS: 1622-1981	

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

Remarks: -

1. Test values and reported are based on the sample received.
2. Samples(S) will be destroyed after 7days from the date issues of the test report
3. The test report shall not be reproduced without the written approval of laboratory In-Charge.

*Ku Sanjiv Kumar*  
08/11/2020  
Section In-Charge  
(Microbiology)



*Ku Sanjiv Kumar*  
03/11/2020  
Tested By

*MSingh*  
03/11/2020  
Lab In-Charge  
Lab In-Charge  
Gems Projects Pvt. Ltd

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## Microbiology Water Analysis Report

Name of the client	River Ganga, At. + P.O- Rajmahal, Dist- Sahebganj	Sample ID	G/M/SG/201127/SW/01
		Type of Industries	River
		Sample Location	.....
		Sample collected by	Client
		Sampling protocol	.....
Sample description	Surface Water	Sampling date	25-11-2020
Sample Quantity	125 ml	Test start date	27-11-2020
Date of Issue	03-12-2020	Test complete date	02-12-2020

### Microbiology Test Report

S. no.	Tested Parameters	Unit	Result	Method No.	Permissible Limit
1.	Total Coliform	MPN/100ml	21	IS: 1622-1981	Shall not be detectable in 100ml of sample as per IS 10500:2012
2.	E-coli	MPN/100ml	11	IS: 1622-1981	

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

#### Remarks: -

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*Kusum Mehta*  
03/12/2020  
Section In-Charge  
(Microbiology)



*Kusum Mehta*  
03/12/2020  
Tested By

*MS Singh*  
03/12/2020  
Lab In-Charge  
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## Microbiology Water Analysis Report

Name of the client	River Ganga, Near LCT Ghat Dist- Sahebganj	Sample ID	G/M/SG/201127/SW/04
		Type of Industries	River
		Sample Location	.....
		Sample collected by	Client
		Sampling protocol	.....
Sample description	Surface Water	Sampling date	25-11-2020
Sample Quantity	125 ml	Test start date	27-11-2020
Date of Issue	03-12-2020	Test complete date	02-12-2020

### Microbiology Test Report

S. no.	Tested Parameters	Unit	Result	Method No.	Permissible Limit
1.	Total Coliform	MPN/100ml	110	IS: 1622-1981	Shall not be detectable in 100ml of sample as per IS 10500:2012
2.	E-coli	MPN/100ml	33	IS: 1622-1981	

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

#### Remarks: -

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2. Samples(S) will be destroyed after 7days from the date issues of the test report
3. The test report shall not be reproduced without the written approval of laboratory In-Charge.

*Ky San Nehla*  
02/12/2020  
Section In-Charge  
(Microbiology)



*Ky San Nehla*  
02/12/2020  
Tested By

*ncsingh*  
02/12/2020  
Lab In-Charge

**Lab In-Charge**  
**Gems Projects Pvt. Ltd**

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## Microbiology Water Analysis Report

Name of the client	River Ganga, Near Janta Ghat, Dist- Sahebganj	Sample ID	G/M/SG/201127/SW/03
		Type of Industries	River
		Sample Location	.....
		Sample collected by	Client
		Sampling protocol	.....
Sample description	Surface Water	Sampling date	25-11-2020
Sample Quantity	125 ml	Test start date	27-11-2020
Date of Issue	03-12-2020	Test complete date	02-12-2020

## Microbiology Test Report

S. no.	Tested Parameters	Unit	Result	Method No.	Permissible Limit
1.	Total Coliform	MPN/100ml	70	IS: 1622-1981	Shall not be detectable in 100ml of sample as per IS 10500:2012
2.	E-coli	MPN/100ml	22	IS: 1622-1981	

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

### Remarks: -

1. Test values and reported are based on the sample received.
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*Kyfan/Nehta*  
03/12/2020  
Section In Charge  
(Microbiology)



*Kyfan/Nehta*  
03/12/2020  
Tested By

*MS Singh*  
03/12/2020  
Lab In-Charge  
Lab In-Charge  
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## Microbiology Water Analysis Report

Name of the client	River Ganga, At. – Singhidalan, Rajmahal, Dist- Sahebganj	Sample ID	G/M/SG/201106/SW/02
		Type of Industries	River
		Sample Location	-----
		Sample collected by	Client
		Sampling protocol	-----
Sample description	Surface Water	Sampling date	02-11-2020
Sample Quantity	125 ml	Test start date	06-11-2020
Date of Issue	12-11-2020	Test complete date	09-11-2020

## Microbiology Test Report

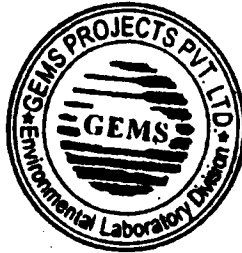
S. no.	Tested Parameters	Unit	Result	Method No.	Permissible Limit
1.	Total Coliform	MPN/100ml	17	IS: 1622-1981	Shall not be detectable in 100ml of sample as per IS 10500:2012
2.	E-coli	MPN/100ml	4	IS: 1622-1981	

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

### Remarks: -

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*Ku Sanjiv*  
12/11/2020  
Section In-Charge  
(Microbiology)



*Ku Sanjiv*  
12/11/2020  
Tested By

*Dr. S. M. L.*  
12/11/2020  
Lab In-Charge

Lab In-Charge  
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## Microbiology Water Analysis Report

Name of the client	River Ganga, At. + P.O- Rajmahal, Dist- Sahebganj	Sample ID	G/M/SG/201106/SW/01
		Type of Industries	River
		Sample Location	-----
		Sample collected by	Client
		Sampling protocol	-----
Sample description	Surface Water	Sampling date	02-11-2020
Sample Quantity	125 ml	Test start date	06-11-2020
Date of Issue	12-11-2020	Test complete date	09-11-2020

## Microbiology Test Report

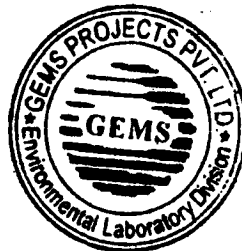
S. no.	Tested Parameters	Unit	Result	Method No.	Permissible Limit
1.	Total Coliform	MPN/100ml	26	IS: 1622-1981	Shall not be detectable in 100ml of sample as per IS 10500:2012
2.	E-coli	MPN/100ml	17	IS: 1622-1981	

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

### Remarks: -

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*Kusum Mehta*  
12/11/2020  
Section In-Charge  
(Microbiology)



*Kusum Mehta*  
12/11/2020  
Tested By

*Prasanna*  
12/11/2020  
Lab In-Charge

Lab In-Charge  
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## Microbiology Water Analysis Report

Name of the client	River Ganga, Near LCT Ghat Dist- Sahebganj	Sample ID	G/M/SG/201106/SW/04
		Type of Industries	River
		Sample Location	-----
		Sample collected by	Client
		Sampling protocol	-----
Sample description	Surface Water	Sampling date	02-11-2020
Sample Quantity	125 ml	Test start date	06-11-2020
Date of Issue	12-11-2020	Test complete date	09-11-2020

## Microbiology Test Report

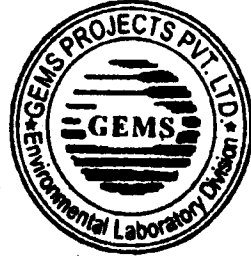
S. no.	Tested Parameters	Unit	Result	Method No.	Permissible Limit
1.	Total Coliform	MPN/100ml	140	IS: 1622-1981	Shall not be detectable in 100ml of sample as per IS 10500:2012
2.	E-coli	MPN/100ml	30	IS: 1622-1981	

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

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*Kusum Nishla*  
12/11/2020  
Section In-Charge  
(Microbiology)



*Kusum Nishla*  
12/11/2020  
Tested By

*N Singh*  
12/11/2020  
Lab In-Charge

**Lab In-Charge**  
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## Microbiology Water Analysis Report

Name of the client	River Ganga, Near Janta Ghat, Dist- Sahebganj	Sample ID	G/M/SG/201106/SW/03
		Type of Industries	River
		Sample Location	-----
		Sample collected by	Client
		Sampling protocol	-----
Sample description	Surface Water	Sampling date	02-11-2020
Sample Quantity	125 ml	Test start date	06-11-2020
Date of Issue	12-11-2020	Test complete date	09-11-2020

## Microbiology Test Report

S. no.	Tested Parameters	Unit	Result	Method No.	Permissible Limit
1.	Total Coliform	MPN/100ml	50	IS: 1622-1981	Shall not be detectable in 100ml of sample as per IS 10500:2012
2.	E-coli	MPN/100ml	21	IS: 1622-1981	

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

### Remarks: -

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*Kusum Mehta*  
12/11/2020

Section In-Charge  
(Microbiology)



*Kusum Mehta*  
12/11/2020

Tested By

*[Signature]*  
12/11/2020

Lab In-Charge

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