



JHARKHAND STATE POLLUTION CONTROL BOARD
REGIONAL OFFICE-CUM-LABORATORY, MB/15, NEW HOUSING COLONY
ADITYAPUR, JAMSHEDPUR.

Lab. Ref. No:- 365/13

Date.....

Analysis report of Physico Chemical Examination of Sewage/Trade Effluent.

1. Name and Address of the Sampling Point :- A Sample of Kachahari Pond Chaibasa, West Singhbhum before Immersion of Idol.
2. Point of Collection :- Kachhari Talab (Pond)
3. Date and Time of Collection :- 13.10.2013 at 8 AM
4. Collected By :- Sri Satya Prakash, S.A, Sri S.A. Khan, S.T & Sri G. P. Singh
5. Sample Source :- Pond Water

Sl. No.	PARTICULARS	LIMITS	VALUE OBTAINED
1.	Temp A/W		27.04/24.2
2.	pH		7.6
3.	BOD ⁵ mg/l		3.0
4.	COD mg/l		32.0
5.	T.S mg/l		378.0
6.	T.S.S. mg/l		84.0
7.	T.D.S mg/l		29.4
8.	D.O		6.0
9.	Total Hardness		128.0
10.	Calcium		33.6
11.	Mg ⁺⁺		10.736
12.	Alkalinity		68.0
13.	Chloride		44.0
14.	E. Conductivity		426.0
15.	Fluoride		0.32
16.	Sulphate		20.84
17.	Sodium		3.0
18.	Potassium		1.0
19.	NO ₃		0.2
20.	Turbidity		10.2

Remarks :-

Analyst
20.11.13

Analyst
20.11.13

Lab. Incharge
20.11.13
Jamshedpur.

Regional Officer
21/11/13
Jamshedpur

Board Analyst



JHARKHAND STATE POLLUTION CONTROL BOARD
REGIONAL OFFICE-CUM-LABORATORY, MB/15, NEW HOUSING COLONY
ADITYAPUR, JAMSHEDPUR.

Lab. Ref. No:- 366/13

Date.....

Analysis report of Physico Chemical Examination of Sewage/Trade Effluent.

1. Name and Address of the Sampling Point :- A Sample of Rora River before Immersion of Idol.
2. Point of Collection :- River
3. Date and Time of Collection :- 13.10.2013 at 8.40 AM
4. Collected By :- Regional Office-Cum-Lab.
5. Sample Source :- River.

Sl. No.	PARTICULARS	LIMITS	VALUE OBTAINED
1.	Temp A/W		27.8/25.2
2.	pH		7.5
3.	BOD ⁵ mg/l		0.6
4.	COD mg/l		16.0
5.	T.S mg/l		268.0
6.	T.S.S. mg/l		78.0
7.	T.D.S mg/l		190.0
8.	D.O		7.2
9.	Total Hardness		120.0
10.	Calcium		32.0
11.	Mg ⁺⁺		9.76
12.	Alkalinity		60.0
13.	Chloride		38.0
14.	E. Conductivity		288.0
15.	Fluoride		0.32
16.	Sulphate		12.72
17.	Sodium		4.0
18.	Potassium		1.0
19.	NO ₃		3.0
20.	Turbidity		8.0

Remarks :-

[Signature]
Analyst
20-11-13

[Signature]
Analyst
20-11-13

[Signature]
Lab. Incharge
Jamshedpur.
20-11-13

[Signature]
Regional Officer
Jamshedpur
20-11-13

Board Analyst



JHARKHAND STATE POLLUTION CONTROL BOARD
REGIONAL OFFICE-CUM-LABORATORY, MB/15, NEW HOUSING COLONY
ADITYAPUR, JAMSHEDPUR.

Lab. Ref. No:- 367/13

Date.....

Analysis report of Physico Chemical Examination of Sewage/Trade Effluent.

1. Name and Address of the Sampling Point :- A Sample of Kharkai river at Adityapur Road Bridge before Immersion of Idol.
2. Point of Collection :- River water
3. Date and Time of Collection :- 13.10.2013 at 11 AM
4. Collected By :- Regional Office-Cum-Lab.
5. Sample Source :- River.

Sl. No.	PARTICULARS	LIMITS	VALUE OBTAINED
1.	Temp A/W		28.2/24.8
2.	pH		7.7
3.	BOD ⁵ mg/l		3.4
4.	COD mg/l		36.0
5.	T.S mg/l		412.0
6.	T.S.S. mg/l		128.0
7.	T.D.S mg/l		284.0
8.	D.O		7.2
9.	Total Hardness		132.0
10.	Calcium		35.2
11.	Mg ⁺⁺		10.736
12.	Alkalinity		70.0
13.	Chloride		40.0
14.	E. Conductivity		430.0
15.	Fluoride		0.760
16.	Sulphate		24.74
17.	Sodium		5.0
18.	Potassium		1.4
19.	NO ₃		4.0
20.	Turbidity		25.0

Remarks :-

PK
10/10/13
Analyst

Shakal
20/11/13
Analyst

PK
20/11/13
Lab. Incharge
Jamshedpur.

PK
21/11/13
Regional Officer
Jamshedpur

Board Analyst



JHARKHAND STATE POLLUTION CONTROL BOARD
REGIONAL OFFICE-CUM-LABORATORY, MB/15, NEW HOUSING COLONY
ADITYAPUR, JAMSHEDPUR.

Lab. Ref. No:- 368/13

Date.....

Analysis report of Physico Chemical Examination of Sewage/Trade Effluent.

1. Name and Address of the Sampling Point :- A Sample of Swarnrekha river near Domuhani before Immersion of Idol.
2. Point of Collection :- River water
3. Date and Time of Collection :- 13.10.2013 at 11.45 AM
4. Collected By :- Regional Office-Cum-Lab.
5. Sample Source :- River.

Sl. No.	PARTICULARS	LIMITS	VALUE OBTAINED
1.	Temp A/W		29.2/25.6
2.	pH		7.6
3.	BOD ⁵ mg/lt		0.6
4.	COD mg/lt		16.0
5.	T.S mg/lt		310.0
6.	T.S.S. mg/lt		66.0
7.	T.D.S mg/lt		244.0
8.	D.O		7.8
9.	Total Hardness		76.0
10.	Calcium		20.0
11.	Mg ⁺⁺		6.344
12.	Alkalinity		40.0
13.	Chloride		24.0
14.	E. Conductivity		352.0
15.	Floride		0.48
16.	Sulphate		12.74
17.	Sodium		4.0
18.	Potassium		1.6
19.	NO ₃		1.0
20.	Turbidity		10.0

Remarks :-

Analyst
20.11.13

Analyst
20.11.13

Lab. Incharge
20.11.13
Jamshedpur.

Regional Officer
21/11/13
Jamshedpur

Board Analyst



JHARKHAND STATE POLLUTION CONTROL BOARD
REGIONAL OFFICE-CUM-LABORATORY, MB/15, NEW HOUSING COLONY
ADITYAPUR, JAMSHEDPUR.

Lab. Ref. No:- 369/13

Date.....

Analysis report of Physico Chemical Examination of Sewage/Trade Effluent.

1. Name and Address of the Sampling Point :- A Sample of Swarnrekha river near Gandhi Ghat, Mango before Immersion of Idol.
2. Point of Collection :- River water.
3. Date and Time of Collection :- 13.10.2013 at 12.30 PM
4. Collected By :- Regional Office-Cum-Lab.
5. Sample Source :- River.

Sl. No.	PARTICULARS	LIMITS	VALUE OBTAINED
1.	Temp A/W		29.5/26.3
2.	pH		7.8
3.	BOD ⁵ mg/l		1.2
4.	COD mg/l		20.0
5.	T.S mg/l		372.0
6.	T.S.S. mg/l		84.0
7.	T.D.S mg/l		290.0
8.	D.O		6.8
9.	Total Hardness		96.0
10.	Calcium		28.8
11.	Mg ⁺⁺		5.856
12.	Alkalinity		62.0
13.	Chloride		36.0
14.	E. Conductivity		388.0
15.	Floride		0.68
16.	Sulphate		20.44
17.	Sodium		4.6
18.	Potassium		1.2
19.	NO ₃		3.0
20.	Turbidity		15.0

Remarks :-

[Signature]
Analyst

[Signature]
Analyst

[Signature]
Lab. Incharge
Jamshedpur.

[Signature]
Regional Officer
Jamshedpur

Board Analyst



JHARKHAND STATE POLLUTION CONTROL BOARD
REGIONAL OFFICE-CUM-LABORATORY, MB/15, NEW HOUSING COLONY
ADITYAPUR, JAMSHEDPUR.

Lab. Ref. No:- 370/13

Date.....

Analysis report of Physico Chemical Examination of Sewage/Trade Effluent.

1. Name and Address of the Sampling Point :- A Sample of Kharkai river at Adityapur Road Bridge after Immersion of Idol.
2. Point of Collection :- River water.
3. Date and Time of Collection :- 15.10.2013 at 6 AM
4. Collected By :- Regional Office-Cum-Lab.
5. Sample Source :- River.

Sl. No.	PARTICULARS	LIMITS	VALUE OBTAINED
1.	Temp A/W		26.7/24.2
2.	pH		8.0
3.	BOD ⁵ mg/lt		4.0
4.	COD mg/lt		40.0
5.	T.S mg/lt		472.0
6.	T.S.S. mg/lt		146.0
7.	T.D.S mg/lt		326.0
8.	D.O		6.5
9.	Total Hardness		144.0
10.	Calcium		40.8
11.	Mg ⁺⁺		10.248
12.	Alkalinity		86.0
13.	Chloride		38.0
14.	E. Conductivity		482.0
15.	Floride		0.68
16.	Sulphate		26.34
17.	Sodium		8.0
18.	Potassium		2.0
19.	NO ₃		3.0
20.	Turbidity		35.0

Remarks :-

[Signature]
24.11.12
Analyst

[Signature]
20.11.13
Analyst

[Signature]
20.11.13
Lab. Incharge
Jamshedpur.

[Signature]
21/11/13
Regional Officer
Jamshedpur

Board Analyst



JHARKHAND STATE POLLUTION CONTROL BOARD
REGIONAL OFFICE-CUM-LABORATORY, MB/15, NEW HOUSING COLONY
ADITYAPUR, JAMSHEDPUR.

Lab. Ref. No:- 371/13

Date.....

Analysis report of Physico Chemical Examination of Sewage/Trade Effluent.

1. Name and Address of the Sampling Point :- A Sample of Swarnrekha river Near Domuhani after Immersion of Idol.
2. Point of Collection :- River water.
3. Date and Time of Collection :- 15.10.2013 at 6.30 AM
4. Collected By :- Regional Office-Cum-Lab.
5. Sample Source :- River.

Sl. No.	PARTICULARS	LIMITS	VALUE OBTAINED
1.	Temp A/W		26.9/24.6
2.	pH		7.8
3.	BOD ⁵ mg/l		1.0
4.	COD mg/l		20.0
5.	T.S mg/l		344.0
6.	T.S.S. mg/l		78.0
7.	T.D.S mg/l		266.0
8.	D.O		7.0
9.	Total Hardness		88.0
10.	Calcium		25.6
11.	Mg ⁺⁺		5.856
12.	Alkalinity		58.0
13.	Chloride		28.0
14.	E. Conductivity		384.0
15.	Floride		0.64
16.	Sulphate		18.74
17.	Sodium		6.0
18.	Potassium		1.8
19.	NO ₃		2.0
20.	Turbidity		15.0

Remarks :-

(Signature)
Analyst
20.11.13

(Signature)
Analyst
20.11.13

(Signature)
Lab. Incharge
Jamshedpur.
20.11.13

(Signature)
Regional Officer
Jamshedpur
21/11/13

Board Analyst



JHARKHAND STATE POLLUTION CONTROL BOARD

REGIONAL OFFICE-CUM-LABORATORY, MB/15, NEW HOUSING COLONY
ADITYAPUR, JAMSHEDPUR.

Lab. Ref. No:- 372/13

Date.....

Analysis report of Physico Chemical Examination of Sewage/Trade Effluent.

1. Name and Address of the Sampling Point :- A Sample of Swarnrekha river Near Gandhi Ghat, Mango after Immersion of Idof.
2. Point of Collection :- River water.
3. Date and Time of Collection :- 15.10.2013 at 6.50 AM
4. Collected By :- Regional Office-Cum-Lab.
5. Sample Source :- River.

Sl. No.	PARTICULARS	LIMITS	VALUE OBTAINED
1.	Temp A/W		27.3/25.2
2.	pH		8.0
3.	BOD ⁵ mg/lt		1.8
4.	COD mg/lt		32.0
5.	T.S mg/lt		388.0
6.	T.S.S. mg/lt		90.0
7.	T.D.S mg/lt		298.0
8.	D.O		6.5
9.	Total Hardness		124.0
10.	Calcium		35.2
11.	Mg ⁺⁺		8.784
12.	Alkalinity		70.0
13.	Chloride		32.0
14.	E. Conductivity		432.0
15.	Floride		0.70
16.	Sulphate		24.32
17.	Sodium		7.0
18.	Potassium		2.0
19.	NO ₃		4.0
20.	Turbidity		20.0

Remarks :-

[Signature]
Analyst
20-11-13

[Signature]
Analyst
20-11-13

[Signature]
Lab. Incharge
Jamshedpur.
20-11-13

[Signature]
Regional Officer
Jamshedpur
21/11/13

Board Analyst



JHARKHAND STATE POLLUTION CONTROL BOARD
REGIONAL OFFICE-CUM-LABORATORY, MB/15, NEW HOUSING COLONY
ADITYAPUR, JAMSHEDPUR.

Lab. Ref. No:- 373/13

Date.....

Analysis report of Physico Chemical Examination of Sewage/Trade Effluent.

- | | | | |
|----|--|----|--|
| 1. | Name and Address of the Sampling Point | :- | A Sample of Kharkai pond Chaibasa after Immersion of Idol. |
| 2. | Point of Collection | :- | Pond. |
| 3. | Date and Time of Collection | :- | 15.10.2013 at 9.20 AM |
| 4. | Collected By | :- | Regional Office-Cum-Lab. |
| 5. | Sample Source | :- | Pond. |

Sl. No.	PARTICULARS	LIMITS	VALUE OBTAINED
1.	Temp A/W		28.0/25.3
2.	pH		7.8
3.	BOD ⁵ mg/l		3.2
4.	COD mg/l		36.0
5.	T.S mg/l		386.0
6.	T.S.S. mg/l		92.0
7.	T.D.S mg/l		294.0
8.	D.O		5.8
9.	Total Hardness		136.0
10.	Calcium		38.4
11.	Mg ⁺⁺		9.76
12.	Alkalinity		76.0
13.	Chloride		40.0
14.	E. Conductivity		432.0
15.	Floride		0.44
16.	Sulphate		24.74
17.	Sodium		4.0
18.	Potassium		1.2
19.	NO ₃		0.3
20.	Turbidity		12.0

Remarks :-

[Signature]
20.11.13
Analyst

[Signature]
20/11/13
Analyst

[Signature]
20.11.13
Lab. Incharge
Jamshedpur.

[Signature]
21/11/13
Regional Officer
Jamshedpur

Board Analyst



JHARKHAND STATE POLLUTION CONTROL BOARD
REGIONAL OFFICE-CUM-LABORATORY, MB/15, NEW HOUSING COLONY
ADITYAPUR, JAMSHEDPUR.

Lab. Ref. No:- 374/13

Date.....

Analysis report of Physico Chemical Examination of Sewage/Trade Effluent.

1. Name and Address of the Sampling Point :- A Sample of Roro river Chaibasa after Immersion of Idol.
2. Point of Collection :- River
3. Date and Time of Collection :- 15.10.2013 at 10 AM
4. Collected By :- Regional Office-Cum-Lab.
5. Sample Source :- River.

SI. No.	PARTICULARS	LIMITS	VALUE OBTAINED
1.	Temp A/W		28.2/25.6
2.	pH		7.6
3.	BOD ⁵ mg/lt		1.0
4.	COD mg/lt		20.0
5.	T.S mg/lt		31.4
6.	T.S.S. mg/lt		9.0
7.	T.D.S mg/lt		224.0
8.	D.O		6.5
9.	Total Hardness		128.0
10.	Calcium		36.0
11.	Mg ⁺⁺		9.272
12.	Alkalinity		66.0
13.	Chloride		32.0
14.	E. Conductivity		352.0
15.	Floride		0.38
16.	Sulphate		16.24
17.	Sodium		5.0
18.	Potassium		1.2
19.	NO ₃		0.8
20.	Turbidity		10.0

Remarks :-

(Signature)
Analyst

(Signature)
Analyst

(Signature)
Lab. Incharge
Jamshedpur.

(Signature)
21/11/13
Regional Officer
Jamshedpur

Board Analyst