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Monitoring of Tajia Festival

Location:- Upper Lake at Karbala near ghat

Ref.686/1 , 5, 749

S.No	Parameter	Unit	Monitoring Details		
			Before 15/11/13 (2.00 pm)	During 15/11/13 (9.00 pm)	After 01/12/13
1	pH	pH units	7.66	7.31	7.65
2	Total Solids	mg/l	120	146	414
3	Dissolved Solids	mg/l	116	128	308
4	Suspended Solids	mg/l	4	18	106
5	Chloride	mg/l	15.99	16.99	47.24
6	Dissolved Oxygen	mg/l	7.9	5.6	2.1
7	BOD	mg/l	1.6	1.9	7.2
8	COD	mg/l	19.76	19.76	50
9	Turbidity	NTU	*	*	45
10	Conductivity	Umhos/cm	*	*	680
11	Nickel	mg/l	ND	ND	ND
12	Zinc	mg/l	ND	ND	ND
13	Copper	mg/l	ND	ND	ND
14	Lead	mg/l	ND	ND	ND
15	Iron	mg/l	ND	ND	0.05
16	Chromium	mg/l	ND	ND	ND

Not * These parameters were not mentioned to analysed in handover sheet.

ND- Not Detected


Authorized Signatory

2

Monitoring of Tajia Festival

Location:- Upper Lake at Karbala 100 m Distance at ghat

Ref.686/2 , 6, 750

S.No	Parameter	Unit	Monitoring Details		
			Before 15/11/13 (2.15 pm)	During 15/11/13 (9.30 pm)	After 01/12/13
1	pH	pH units	7.72 ✓	7.37	7.72
2	Total Solids	mg/l	132 ✓	126	428
3	Dissolved Solids	mg/l	128 ✓	118	336
4	Suspended Solids	mg/l	4 ✓	8	92
5	Chloride	mg/l	16.99 ✓	16.99	46.28
6	Dissolved Oxygen	mg/l	7.7 ✓	5.5	1.7
7	BOD	mg/l	1.1 ✓	1.9	7.6
8	COD	mg/l	19.76 ✓	19.76	60
9	Turbidity	NTU	*	*	43
10	Conductivity	Umhos/cm	*	*	678
11	Nickel	mg/l	ND	ND	ND
12	Zinc	mg/l	ND	ND	ND
13	Copper	mg/l	ND	ND	ND
14	Lead	mg/l	ND	ND	ND
15	Iron	mg/l	ND	ND	0.06 ✓
16	Chromium	mg/l	ND	ND	ND

ND- Not Detected


Authorized Signatory

Monitoring of Tajia Festival

Location:- Lower Lake at Ghinnorighat ghat

Ref.686/3 , 7

S.No	Parameter	Unit	Monitoring Details	
			Before 15/11/13 (3.00 pm)	During 15/11/13 (10.10 pm)
1	pH	pH units	7.48 ✓	7.12
2	Total Solids	mg/l	138 ✓	228
3	Dissolved Solids	mg/l	132 ✓	208
4	Suspended Solids	mg/l	6 ✓	20
5	Chloride	mg/l	17.99 ✓	35.98
6	Dissolved Oxygen	mg/l	3.9 ✓	1.3
7	BOD	mg/l	7.6 ✓	23
8	COD	mg/l	79.04 ✓	197.6
9	Nickel	mg/l	ND	ND
10	Zinc	mg/l	ND	ND
11	Copper	mg/l	ND	ND
12	Lead	mg/l	ND	ND
13	Iron	mg/l	ND	ND
14	Chromium	mg/l	ND	ND

ND- Not Detected


Authorized Signatory


4

Monitoring of Tajia Festival

Location:- Lower Lake at Talaiya Tajia Visarjan ghat

Ref.751

S.No	Parameter	Unit	Monitoring Details	
			After Tajia Visarjan (1/12/13)	
1	pH	pH units	7.44	/
2	Total Solids	mg/l	268	/
3	Dissolved Solids	mg/l	216	/
4	Suspended Solids	mg/l	52	/
5	Chloride	mg/l	32.78	/
6	Dissolved Oxygen	mg/l	4.4	/
7	BOD	mg/l	5.6	/
8	COD	mg/l	60	/
9	Turbidity	NTU	30	/
10	Conductivity	Umhos/cm	467	/
11	Nickel	mg/l	ND	/
12	Zinc	mg/l	ND	/
13	Copper	mg/l	ND	/
14	Lead	mg/l	ND	/
15	Iron	mg/l	0.03	/
16	Chromium	mg/l	ND	/


Authorized Signatory

5


Monitoring of Tajia Festival

Location:- Lower Lake at Ghinnorighat ghat Appr. 100 m.Distance from ghat

Ref.686/4 , 8

S.No	Parameter	Unit	Monitoring Details	
			Before 15/11/13 (3.15 pm)	During 15/11/13 (10.40 pm)
1	pH	pH units	7.46 ✓	7.27
2	Total Solids	mg/l	146 ✓	260
3	Dissolved Solids	mg/l	122 ✓	212
4	Suspended Solids	mg/l	24 ✓	48
5	Chloride	mg/l	19.99 ✓	37.98
6	Dissolved Oxygen	mg/l	4.0 ✓	0.6
7	BOD	mg/l	10.8 ✓	32
8	COD	mg/l	118.56 ✓	276.64
9	Nickel	mg/l	ND	ND
10	Zinc	mg/l	ND	ND
11	Copper	mg/l	ND	ND
12	Lead	mg/l	ND	ND
13	Iron	mg/l	ND	ND
14	Chromium	mg/l	ND	ND

ND- Not Detected


Authorized Signatory

6

Monitoring of Tajia Festival

Location:- Lower Lake at 100 m.Distance of Talaiya Tajia Visarjan ghat

Ref.752

S.No	Parameter	Unit	Monitoring Details	
			After Tajia Visarjan (1/12/13)	
1	pH	pH units	7.19	✓
2	Total Solids	mg/l	274	✓
3	Dissolved Solids	mg/l	212	✓
4	Suspended Solids	mg/l	62	✓
5	Chloride	mg/l	28.92	✓
6	Dissoved Oxygen	mg/l	3.5	✓
7	BOD	mg/l	6.4	✓
8	COD	mg/l	80	✓
9	Turbidity	NTU	28	✓
10	Conductivity	Umhos/cm	477	✓
11	Nickel	mg/l	ND	
12	Zinc	mg/l	ND	
13	Copper	mg/l	ND	
14	Lead	mg/l	ND	
15	Iron	mg/l	0.03	
16	Chromium	mg/l	ND	


Authorized Signatory

Tajiye immersion
Sampling Point – Pipalghat Kardia school, Burhanpur.

S.No.	Parametrs	Unit	Sample collected before Tajiye immersion Date- 13/11/13	One day after Tajiye immersion Date-16/11/13
1.	pH	pH- Unit	8.21	8.22
2.	D.O.	Mg/l	6.8	6.3
3.	BOD	Mg/l	1.2	1.5
4.	COD	Mg/l	14.3	15.024
5.	Conductivity	µmhos/cm	510	540
6.	Turbidity	NTU	1.67	1.72
7.	TDS	Mg/l	366	397
8.	Total Solids	Mg/l	382	416
9.	Chromium	Mg/l	---	---
10.	Lead	Mg/l	--	--
11.	Zinc	Mg/l	--	--
12.	Copper	Mg/l	---	---

Remark – No adverse effect on water quality observed as most of the Tajiya are taken back for reuse, and flowers coconut are removed, from water body. Metals not analysed due to non availability of AAS.

[Signature]
Chemist/jr.scientist

[Signature]
Scientist

[Signature]
Chiefchemist

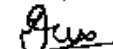
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Tajiye immersion
Sampling Point – Anna River Karwala Khandwa.

S.No.	Parametrs	Unit	Sample collected before Tajiye immersion Date- 13/11/13	One day after Tajiye immersion Date-16/11/13
1.	pH	pH- Unit	7.77	7.81
2.	D.O.	Mg/l	7.3	7.2
3.	BOD	Mg/l	3.0	3.2
4.	COD	Mg/l	26.4	27.2
5.	Conductivity	µmhos/cm	844	859
6.	Turbidity	NTU	1.46	1.58
7.	TDS	Mg/l	604	618
8.	Total Solids	Mg/l	624	640
9.	Chromium	Mg/l	---	---
10.	Lead	Mg/l	---	---
11.	Zinc	Mg/l	---	---
12.	Copper	Mg/l	---	---

Remark – No adverse effect on water quality observed as most of the Tajiya are taken back for reuse, and flowers coconut are removed from water body. Metals not analysed due to non working of AAR.


 Chemist/jr. scientist


 Scientist


 Chiefchemist

Tajiye immersion
Sampling Point – Kunda River Khargone near Shiv Mandir.

S.No.	Parametrs	Unit	Sample collected before Tajiye immersion Date- 14/11/13	One day after Tajiye immersion Date-16/11/13
1.	pH	pH- Unit	7.68	7.82
2.	D.O.	Mg/l	5.7	5.5
3.	BOD	Mg/l	1.3	1.4
4.	COD	Mg/l	13.2	14.1
5.	Conductivity	µmhos/cm	569	577
6.	Turbidity	NTU	1.56	1.72
7.	TDS	Mg/l	407	426
8.	Total Solids	Mg/l	426	448
9.	Chromium	Mg/l	---	---
10.	Lead	Mg/l	--	--
11.	Zinc	Mg/l	--	--
12.	Copper	Mg/l	---	---

Remark – No adverse effect on water quality observed as most of the Tajiya are taken back for reuse, and flowers coconut are removed, from water body. Metals not analysed due to non working of AFS.

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Chemist/jr. Scientist

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Scientist


[Signature]
Chiefchemist

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Tajiye immersion
Sampling Point – River Narmada at Badwani.

S.No.	Parametrs	Unit	Sample collected before Tajiye immersion Date- 15/11/13	One day after Tajiye immersion Date-16/11/13
1.	pH	pH- Unit	8.14	8.2
2.	D.O.	Mg/l	8.2	8.0
3.	BOD	Mg/l	1.1	1.4
4.	COD	Mg/l	11.28	13.16
5.	Conductivity	µmhos/cm	368	378
6.	Turbidity	NTU	1.31	1.50
7.	TDS	Mg/l	256	260
8.	Total Solids	Mg/l	266	270
9.	Chromium	Mg/l	---	--
10.	Lead	Mg/l	--	--
11.	Zinc	Mg/l	--	--
12.	Copper	Mg/l	---	---

Remark – No adverse effect on water quality observed as most of the Tajiya are taken back for reuse, and flowers coconut are removed from water body. Metals not analysed due to non working of AAS.


 Chemist/jr.scientist


 Scientist


 Chiefchemist

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REGIONAL OFFICE, M.P. POLLUTION CONTROL BOARD, JABALPUR (M.P.)
COMPARATIVE STATEMENT OF ANALYSIS RESULTS OF WATER SAMPLE OF RANITAL, VISHARJAN KUND
SUPATAL JABALPUR DURING TAZIA VISHARJAN -2013

S No.	Parameters	Unit	RANITAL JABALPUR			VISHARJAN KUND AT RANITAL JABALPUR			SUPATAL JABALPUR		
			Before Tazia Visharjan	During Tazia Visharjan	After 7 days of Tazia Visharjan	Before Tazia Visharjan	During Tazia Visharjan	After 7 days of Tazia Visharjan	Before Tazia Visharjan	During Tazia Visharjan	After 7 days of Tazia Visharjan
1.	Turbidity	NTU	18	20	17	6	10	*	16	20	17.0
2.	Sp. Conductivity	µmho/cm	641	682.0	648.0	433	589.0	*	593	640.0	605.0
3.	pH	-	8.93	8.96	8.94	8.13	8.15	*	8.99	8.78	8.82.0
4.	Chloride	mg/l	80.0	80.0	80.0	50.0	24.0	*	60.0	70.0	60.0
5.	Total Alkalinity	---	98.0	90.0	90.0	64.0	35.0	*	70.0	90.0	80.0
6.	Total Hardness	---	240.0	250.0	240.0	150.0	190.0	*	192.0	220.0	200.0
7.	Calcium Hardness	---	184.0	190.0	180.0	105.0	165.0	*	130.0	160.0	150.0
8.	Mg Hardness	---	56.0	60.0	60.0	45.0	25.0	*	62.0	60.0	50.0
9.	Total Solids	---	678.0	724.0	690.0	511.0	598.0	*	771.0	805.0	780.0
10.	Dissolved Solids	---	586.0	614.0	594.0	415.0	508.0	*	582.0	595.0	600.0
11.	Suspended Solids	---	92.0	110.0	96.0	96.0	90.0	*	185.0	210.0	180.0
12.	Dissolved Oxygen	---	6.8	6.6	6.7	7.0	7.9	*	6.8	6.6	6.7
13.	B.O.D.(3 days, 27°C)	---	14.0	16.0	14.0	2.6	7.0	*	4.2	4.6	4.3
14.	C.O.D.	---	88.0	94.0	90.0	16.0	60.0	*	64.0	72.0	64.0
15.	Chromium	---	BDL	BDL	BDL	BDL	BDL	*	BDL	BDL	BDL
16.	Copper	---	BDL	BDL	BDL	BDL	BDL	*	BDL	BDL	BDL
17.	Zinc	---	BDL	BDL	BDL	BDL	BDL	*	BDL	BDL	BDL

Note: * Kund was dry. BDL - Below detectable limit.


 Scientist


 Lab Incharge

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T9219

Monitoring of Immersion

Location: Sepat Tal Gualior

S.No	Parameter	Unit	Monitoring Details		
			Pre Immersion	During immersion	After 1 week
		Date	14.11.2013	16.11.13	23.11.13
1	pH		7.32	7.36	7.91
2	Total Solids	mg/L	892.0	1013.0	1850.0
3	D.S.	mg/L	806.0	914.0	1669.0
4	D.O.	mg/L	2.5	Nil	Nil
5	BOD	mg/L	6.0	20.0	62.0
6	COD	mg/L	186.4	298.24	470.4
7	Turbidity	mg/L	15.0	20.0	30.0
8	Conductivity	Umhos/cm	1300.0	1520.0	2780.0
9	Cr	mg/L			
10	Pb	mg/L			
11	Zn	mg/L			
12	Cu	mg/L			

[Signature]
ANALYST

[Signature]
SCIENTIST

[Signature]
LAB IN CHG.

Tajiye immersion
Sampling Point – Immersion Place Dhar.(Munj Talab)

S.No.	Parametrs	Unit	Sample collected before Tajiye immersion Date- 11/11/13	One day after Tajiye immersion Date-16/11/13
1.	pH	pH- Unit	8.10	8.04
2.	D.O.	Mg/l	7.0	6.9
3.	BOD	Mg/l	1.2	1.4
4.	COD	Mg/l	13.16	18.8
5.	Conductivity	µmhos/cm	510	516
6.	Turbidity	NTU	0.482	0.468
7.	TDS	Mg/l	302	314
8.	Total Solids	Mg/l	314	326
9.	Chromium	Mg/l	---	---
10.	Lead	Mg/l	---	---
11.	Zinc	Mg/l	---	---
12.	Copper	Mg/l	---	---

Remark - No adverse effect on water quality observed as most of the Tajiya are taken back for reuse, and flowers coconut are removed, from water body. Metals not analysed due to non working of AAS.

Chemist/jr.scientist

Scientist

Chiefchemist

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
Tajiye immersion
Sampling Point – Immersion place (Artificial Plastic lined) Water Pond Sardarpur.

S.No.	Parameters	Unit	Sample collected before Tajiye immersion Date- 11/11/13	One day after Tajiye immersion Date-16/11/13
1.	pH	pH- Unit	8.06	8.16
2.	D.O.	Mg/l	7.3	7.2
3.	BOD	Mg/l	1.4	1.6
4.	COD	Mg/l	14.28	15.04
5.	Conductivity	umhos/cm	720	696
6.	Turbidity	NTU	0.582	0.560
7.	TDS	Mg/l	426	437
8.	Total Solids	Mg/l	444	453
9.	Chromium	Mg/l	---	---
10.	Lead	Mg/l	---	---
11.	Zinc	Mg/l	---	---
12.	Copper	Mg/l	---	---

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Remark – No adverse effect on water quality observed as most of the Tajiya are taken back for reuse, and flowers coconut are removed, from water body. Metals not analysed due to non working of AAS.


 Chemist/jr.scientist


 Scientist



 Chiefchemist

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Tajiye immersion
Sampling Point - Immersion place (Artificial Plastic Lined) Water Pond Badnawar

S.No.	Parametrs	Unit	Sample collected before Tajiye immersion Date- 6/11/13	One day after Tajiye immersion Date-
1.	pH	pH- Unit		
2.	D.O.	Mg/l	7.98	7.94
3.	BOD	Mg/l	6.8	
4.	COD	Mg/l	1.5	6.7
5.	Conductivity	µmhos/cm	11.42	1.7
6.	Turbidity	NTU	776	13.32
7.	TDS	Mg/l	0.825	804
8.	Total Solids	Mg/l	527	0.924
9.	Chromium	Mg/l	540	539
10.	Lead	Mg/l	---	555
11.	Zinc	Mg/l	---	---
12.	Copper	Mg/l	---	---

Remark - No adverse effect on water quality observed as most of the Tajiya are taken back for reuse, and flowers coconut are removed. *Metals not analysed due to non working of AAS.*


 Chemist/jr.scientist


 Scientist


 Chiefchemist

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Tajiye immersion
Sampling Point – Immersion place (Artificial) Water Pond New Anas River Jhabua
Rangpura bridge.

S.No.	Parametrs	Unit	Sample collected before Tajiye immersion Date- 6/11/13	One day after Tajiye immersion Date-
1.	pH	pH- Unit	8.16	8.02
2.	D.O.	Mg/l	7.0	6.9
3.	BOD	Mg/l	1.3	1.9
4.	COD	Mg/l	10.47	11.42
5.	Conductivity	µmhos/cm	614	706
6.	Turbidity	NTU	0.789	0.824
7.	TDS	Mg/l	416	423
8.	Total Solids	Mg/l	432	442
9.	Chromium	Mg/l	---	---
10.	Lead	Mg/l	--	--
11.	Zinc	Mg/l	--	--
12.	Copper	Mg/l	---	---

Remark – No adverse effect on water quality observed as most of the Tajiya are taken back for reuse, and flowers coconut are removed. from water body. Metals not analysed due to non working of AAS.


 Chemist/jr.scientist


 Scientist


 Chiefchemist

Tajiye immersion
Sampling Point – Immersion place Pancheshwar Mahadev Mandir Alirajpur.

S.No.	Parametrs	Unit	Sample collected before Tajiye immersion Date-	One day after Tajiye immersion Date-
1.	pH	pH- Unit	8.41	8.26
2.	D.O.	Mg/l	7.5	7.4
3.	BOD	Mg/l	2.0	2.4
4.	COD	Mg/l	24.75	21.89
5.	Conductivity	µmhos/cm	514	756
6.	Turbidity	NTU	0.986	1.17
7.	TDS	Mg/l	402	456
8.	Total Solids	Mg/l	422	479
9.	Chromium	Mg/l	---	---
10.	Lead	Mg/l	--	--
11.	Zinc	Mg/l	--	--
12.	Copper	Mg/l	---	---

Remark – No adverse effect on water quality observed as most of the Tajiya are taken back for reuse, and flowers coconut are removed from water body. Metals not analysed due to non working of AAS.

Chemist/jr.scientist

Scientist

Chiefchemist

Tajiye immersion
Sampling Point – Immersion place (Artificial) Water Pond Near Nogwa River Thandla

S.No.	Parameters	Unit	Sample collected before Tajiye immersion Date- 6/11/13	One day after Tajiye immersion Date-
1.	pH	pH- Unit	8.15	8.2
2.	D.O.	Mg/l	7.5	7.2
3.	BOD	Mg/l	2.0	2.2
4.	COD	Mg/l	15.23	17.13
5.	Conductivity	µmhos/cm	758	776
6.	Turbidity	NTU	0.964	1.12
7.	TDS	Mg/l	512	523
8.	Total Solids	Mg/l	524	537
9.	Chromium	Mg/l	---	---
10.	Lead	Mg/l	--	--
11.	Zinc	Mg/l	--	--
12.	Copper	Mg/l	---	---


Remark – No adverse effect on water quality observed as most of the Tajiya are taken back for reuse, and flowers coconut are removed from water body. Metals not analysed due to non working of AAS.


 Chemist/jr.scientist


 Scientist


 Chiefchemist

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Tajiye immersion
Sampling Point – Immersion place Bhabra Talab Gadhi Road Bhabra.

S.No.	Parametrs	Unit	Sample collected before Tajiye immersion Date-	One day after Tajiye immersion Date-
1.	pH	pH- Unit	8.2	7.94
2.	D.O.	Mg/l	7.5	7.3
3.	BOD	Mg/l	1.2	1.5
4.	COD	Mg/l	10.18	14.28
5.	Conductivity	µmhos/cm	307	504
6.	Turbidity	NTU	0.10	0.124
7.	TDS	Mg/l	241	269
8.	Total Solids	Mg/l	258	283
9.	Chromium	Mg/l	---	---
10.	Lead	Mg/l	---	---
11.	Zinc	Mg/l	---	---
12.	Copper	Mg/l	---	---

Remark – No adverse effect on water quality observed as most of the Tajiya are taken back for reuse, and flowers coconut are removed. from water body. Metals not analysed due to non working of AAS.

Chemist/jr.scientist

Scientist

Chiefchemist

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Tajiye immersion
Sampling Point - Immersion place Devla Talab Jobat.

S.No.	Parametrs	Unit	Sample collected before Tajiye immersion Date-	One day after Tajiye immersion Date-
1.	pH	pH- Unit		
2.	D.O.	Mg/l	8.24	
3.	BOD	Mg/l	7.0	8.1
4.	COD	Mg/l	2.1	6.8
5.	Conductivity	µmhos/cm	19.99	2.3
6.	Turbidity	NTU	519	22.84
7.	TDS	Mg/l	0.804	612
8.	Total Solids	Mg/l	351	0.904
9.	Chromium	Mg/l	375	370
10.	Lead	Mg/l	--	399
11.	Zinc	Mg/l	--	--
12.	Copper	Mg/l	--	--

Remark - No adverse effect on water quality observed as most of the Tajiya are taken back for reuse, and flowers coconut are removed, from water body. Metals not analysed due to non working of AAS.

Chemist/jr.scientist

Scientist

Chiefchemist

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Tajiye immersion
Sampling Point – Immersion place (Artificial) Water Pond near Aamabua Church Ranapur.

S.No.	Parametrs	Unit	Sample collected before Tajiye immersion Date-	One day after Tajiye immersion Date-
1.	pH	pH- Unit	8.2	
2.	D.O.	Mg/l	7.5	8.0
3.	BOD	Mg/l	2.0	7.3
4.	COD	Mg/l	21.89	1.8
5.	Conductivity	µmhos/cm	437	23.8
6.	Turbidity	NTU	0.854	562
7.	TDS	Mg/l	296	1.24
8.	Total Solids	Mg/l	323	344
9.	Chromium	Mg/l	---	376
10.	Lead	Mg/l	---	---
11.	Zinc	Mg/l	---	---
12.	Copper	Mg/l	---	---

Remark – No adverse effect on water quality observed as most of the Tajiya are taken back for reuse, and flowers coconut are removed from water body. metals not analysed due to non working of AAS.


 Chemist/jr.scientist


 Scientist


 Chiefchemist

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6

T-6101

River Mudana at Shahdol distt. Shahdol

SN	CHARACTERISTICS	UNIT	Near Karwala 100 meter D/S (befor Tajla visarjan 14.11.2013	Near Karwala 100 meter D/S(during Tajla visarjan 15.11.2013	Near Karwala 100 mete D/S(After Tajla visarjan 16.11.2013
1	TEMPERATURE	°C	26.0	26.4	26.4
2	APPEARANCE	-	Clear	Slight turbid	Clear
3	COLOUR	-	Colourless	Slight muddy	Colourless
4	ODOUR	Thresho uld No.	Odourless	Odourless	Odourless
5	pH	pH unit	7.58	7.59	7.52
6	TS	Mg/l	452.0	518.0	464.0
7	TDS	Mg/l	399.0	542.0	408.0
8	SS	Mg/l	53.0	76.0	56.0
9	Chloride	Mg/l	39.41	49.27	44.34
10	DO	Mg/l	6.7	6.2	6.8
11	BOD	Mg/l	2.6	3.4	2.8
12	COD	Mg/l	18.4	27.6	18.4

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Compared with IS 2296-1982 Class A, B, C, D (To clearance Limits for inland surface water subject to poll

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Lab. Incharge

Regional Laboratory,
M.P. Pollution Control Board,
Sagar (M.P)

Water quality Monitoring of Tajiya Immersion - Year 2013
Location:- Karwala Ghat, Sagar Lake, Sagar

S.No.	Parameter	Unit	Monitoring Details		
			Pre immersion	During immersion	After one week
		Date	12.11.2013	16.11.2013	23.11.2013
1	pH	pH Unit	7.56	7.88	7.82
2	Total Solids	mg/L	362	382	376
3	S. S.	mg/L	078	088	082
4	D.S.	mg/L	284	294	294
5	D.O.	mg/L	7.81	7.92	7.84
6	BOD	mg/L	32.5	34.7	33.5
7	COD	mg/L	97.28	108.11	102.14
8	Turbidity	NTU	22	29	24
9	Conductivity	μ S	436.4	460.0	442.6


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Laboratory Incharge

(6) (24)

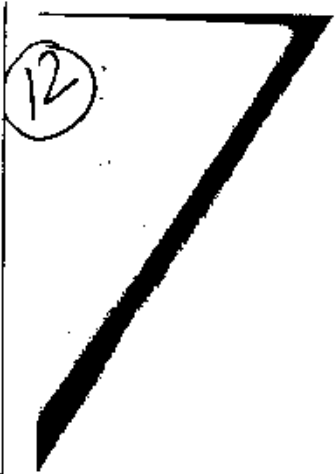
Analysis Report of Katni River Katnil DURING Moharram Parv (Tajiya Visarjan)

Name of Parameters	Unit	Katni River katni Near Chandak Chowk Gather Ghat (Karbala) Before Tajiya Virsarjan Date of collection 11/11/2013	Katni River Katni near Chandak Chowk Gather Ghat (Karbala) during Tajiya Visarjan Date of collection 15/11/2013	Katni River Katni near Chandak Chowk Gather-Ghat (Karbala) after seven days of Tajiya Visarjan 22-11-2013
1. Tempreture	0c	19.0	20.0	20.0
2. color	Pt-co scale	Colourless	muddy	Colourless
3. pH	-	7.67	7.82	7.65
4. Turbidly	NTU	10	21.0	11.0
5. Spe. Conductivity	u-mho	457.0	549.0	587.0
6. Total . Alkalinity	mg /lit	85.0	115.0	100.0
7. Total hardness	mg /lit	130.0	140.0	135.0
8. Ca-hardness	mg /lit	90.0	92.0	100.0
9. Mg-hardness	mg /lit	50.0	48.0	35.0
10 Ammonical Nitrogen	mg /lit	1.0	1.1	0.9
11 Nitrite	mg /lit	1.0	1.1	0.82
12 Nitrate	mg /lit	1.2	1.34	1.12
13 Chloride	mg /lit	32.0	50.0	40.0
14 Total Solids	mg /lit	452.0	544.0	468.0
15 Dissolved Solids	mg /lit	390.0	466.0	392.0
16 Suspended Solids	mg /lit	62.0	78.0	76.0
17 Dissolved Oxygen	mg /lit	7.7	7.4	7.6
18 B.O.D	mg /lit	2.8	3.2	2.5
19 COD	mg /lit	18.0	22.0	20.0
20 Total Coli form	mg /lit	150.0	275.0	120.0
21 Fecal coli form	mg /lit	5.0	12.0	5.0
22 Zinc	mg /lit	ND	ND	ND
23 Chromium +6	mg /lit	ND	ND	ND
24 Cupper	mg /lit	ND	ND	ND

Note- 1. Analysis has been carried out at Regional office Jabalpur

2. Parameter s are as per Is 2296 Class B Out door Bathing

[Signature]
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27-11-2013-02

Regional office M.P.Pollution control Board Vijaypur Guna

Comparative statement of water analysis report
Before ,during and after idol immersion of Durga Tajiyq.
at Singwasha pond Guna

Sample Collected by :- Shri R,R.Bhanwar Jr.Scientis ,Sh.K.B.Sharma Lab.Assistant And
Sh.K.S.Rathore Sampler

Sample analysed by :- Shri J.K.Rajoriya Chemist

Parameter	Unit	Before immersion 15/11/2013	During immersion 16/11/2013	After immersion 23/11/2013	Minimum	Maximum
Temp.	Centigrade	22	21	20	21	20
pH	Ph unit	7.5	7.5	7.5	7.5	7.5
Cond.	µmho/cm.	454	468	460	454	468
Total solid	mg/lit.	284	322	308	284	322
Diss. Solid	mg/lit.	266	284	282	266	284
Susp.solid	mg/lit.	18	38	26	18	38
D.O.	mg/lit.	6.4	6.0	6.7	6.0	6.7
Chloride	mg/lit.	58	62	59	58	62
B.O.D	mg/lit.	0.8	0.9	0.8	0.8	0.9
C.O.D	mg/lit.	18	18	17	17	18
T.Hard.	mg/lit.	164	170	166	164	170
Ca. ard	mg/lit.	94	100	94	94	100
Mg. Hard	mg/lit.	70	70	72	70	72
T.Alk.	mg/lit.	170	180	170	170	180

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