

IMPACT OF IDOL IMMERSION DURING GANESH PUJA ON WATER QUALITY OF AQUATIC BODIES -2022



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1. Introduction

Pujas involving idols are usually followed by immersion of these idols in water bodies as a part of rituals in Hindu festivals. During the month of Asadha to Magha (September to February in English calendar) several pujas like Ganesh Puja, Biswakarma Puja, Durga Puja, Gajalaxmi puja and Kali Puja are celebrated with much pomp and galore. Celebration of Khudurukuni puja, Janmastami, Kartikeswar Puja involving idols in Odisha are also increasing in now-a-days. After culmination of the pujas, people immerse the idols alongwith the puja offerings in flowing waters as a ritual of bisarjan. In case of absence of rivers nearby, people immerse these puja left-overs in ponds or lakes also.

Since these pujas are mostly celebrated in monsoon or post-monsoon seasons, and the flow in rivers are high during this period, immersion of idols and puja offerings in the rivers usually have no significant impact on the water quality. However, with the increase in number and size of idols, use of alternate materials other than clay for making the idols, use of synthetic paints and varnishes rather than natural dyes to decorate the idols in present years and moreover, decreased flow in rivers, has increased the probability of contamination of water bodies. Besides these, dumping of puja left-overs such as vastras on idols, flowers, decorating materials (made of paper and plastic), etc. in water bodies during this immersion process has also increased the risk of contamination of water bodies as well as deteriorates the aesthetic quality of the water bodies. Further, this may also affect the aquatic ecosystem at the immersion sites as well as its down-streams.

With this background, Central Pollution Control Board (CPCB) has prepared the "Revised Guidelines for Idol Immersion (12.5.2020)" for implementation during immersion of idols in aquatic bodies with the objective to minimize the pollution load on aquatic bodies.

2. Revised Guideline for Idol Immersion

The revised guideline prescribes the roles of local bodies/ authorities, Puja Committee Organisers and State Pollution Control Boards or Pollution Control

committees for implementation of the Guideline to minimize the impact of idol immersion activities on the aquatic bodies.

These guidelines have been prepared with a view to use eco-friendly idols as well as to ensure environmental friendly idol immersion without affecting the quality of water bodies while ensuring religious observance. These guidelines emphasize the need for restriction on single use plastic materials for making idols, use of naturally occurring colors for coloring idols, imposing restrictions on size of the idol, construction of temporary synthetic lined ponds of adequate capacity, safe disposal of solid wastes generated during visarjan/immersion activities, etc.

In view of changing scenario for safe disposal of idol immersion in water bodies in cities, towns & rural areas, CPCB has revised the Guideline for idol immersion in the year 2020 after a thorough discussion of comments/suggestions of stakeholders received, emphasizing the need of identification of idol makers for manufacture of environment friendly idols, coloring by natural and biodegradable colours only, use of clay for idol making, ban of thermocol and single use plastics in decoration and prasad sevan, safe practices during immersion to prevent casualties and imposition of fines have been incorporated and earlier guidelines issued by CPCB "Guidelines for Idol Immersion" (PROBES/136/2010) has been revised and made it effective from Dt. 01.01.2021. The Revised Guidelines for Idol immersion (12.5.2020) may be downloaded from the website of CPCB and also of SPCB. (Weblink for Odisha SPCB : http://ospcboard.org/wp-content/uploads/2020/06/295_1589273986_mediaphoto24365.pdf). The salient features of the Revised Guidelines are as follows.

(a) General Guidelines for idol makers

- Craftsmen or artisans involved in making idols should be registered with the civic bodies, and should involve in making eco-friendly idols.
- Use of traditional clay for making idols should be encouraged.
- Use of water soluble, non-toxic natural dyes should be encouraged to colour the idols rather than painting of idols.
- In case of large scale Idol manufacturers (at least involved in making more than 100 idols in a day) shall obtain registration from the concerned ULBs (registration

fee along with a deposit as decided by the ULB depending on the idol making capacity) and failing to comply with these guidelines or any violation of registration conditions, the deposit shall be forfeited by the ULB apart from prohibition of idol making at least for two years.

(b) General Guidelines for Puja Committee Organisers

- As far as possible, low height and eco-friendly idols (made with natural clay, idols stuffed with eco-friendly food materials, idols decorated with biodegradable, organic colours only should be used for offering poojas to avoid impact on environment.
- In the interest of protection of the environment, Pooja Organizing Committees should procure eco-friendly idols only from the respective ULBs registered or authorised craftsman or artisans.
- Pooja Organising Committees should seek prior permission from concerned ULB as the case may be by providing management plan and the required provisions for ensuring safe idol immersion during festival season in advance for making necessary arrangements in consultation with the concerned departments.
- Ban on use of single use plastic materials, thermocol for decoration and Prasad sevans purposes.
- Worship material like flowers, Patri (leaves), *vastras* (clothes), decorating materials (made of paper and bio-degradable or compostable plastic but not single use plastic) etc. should be ensured to remove before immersion of idols and segregated in colour coded bins provided at the designated idol immersion areas/spots.

(c) General Guidelines for idol immersion

- Mass awareness programmes should be conducted to aware the Public on ill effects of idol immersion.
- All idols should be immersed in the designated area for idol immersion which is cordoned, barricaded and preferably lined with synthetic liner. After immersion, the liner should be removed to collect the dumped materials for final disposal at appropriate places.

(d) General Guidelines for Local bodies/ Authorities

- In the interest of protection of environment, Urban and Local bodies (ULBs) shall impose restrictions on height of the idol to the idol making agencies or craftsman or artisans (lesser the size of the idol better would be the immersion process and less consumption of materials required for making idols) depending on the availability of water bodies, provisions made for idol immersions by the ULBs.
- Local bodies/ Authorities should identify adequate number of idol immersion spots to avoid overcrowding and to reduce pollution load on the water bodies. Such spots should be notified and informed to the Puja Committees through awareness programmes.
- At the immersion of sites, burning of solid wastes so generated during the immersion of idols, should be prohibited.
- Within 24 hours of completion of idol immersion activities, the left over materials at the immersion sites should be collected by the local bodies for final disposal at appropriate places.
- In case of immersion of idols in rivers and lakes, arrangements may be made for construction of temporary confined ponds with earthen bunds for the purpose of immersion of idols. After the completion of immersion, supernatant water may be allowed to flow as usual after checking for colour and turbidity. Lime may be allowed to the temporary confined pond.
- Mass awareness programmes may be conducted to educate the people on ill effects of toxic idol immersion.
- Encourage the resident welfare associations in a city or town to create temporary ponds/tanks of suitable size and adequate capacity within their campus with necessary provision for collection and storage of segregated waste prior to immersion. Individual households may be encouraged to utilize such ponds for immersion purpose.

e) Role of State Pollution Control Boards (SPCBs) and Pollution Control Committees (PCCs)

- Concerned SPCB/ PCC should conduct water quality monitoring of water bodies at the immersion sites preferably in Class-I cities (having population more than

one lac), at three stages i.e. Pre-immersion, during immersion and post-immersion. During post-festival, samples should be collected preferably after 3rd, 5th, 7th and 9th day of the festival.

- For ascertaining water quality, physico-chemical parameters such as pH, DO, Colour, BOD, COD, Conductivity, Turbidity, TDS, Chloride, TSS, Hardness, Total alkalinity and Metals such as Chromium, lead, zinc, copper Cadmium, Mercury, Antimony, Barium, Cobalt, Manganese, Strontium may be analysed.
- Apart from the water samples, sediment samples also be collected during pre-immersion, during immersion and post-immersion and collected sediment samples be analysed for the metals (such as Chromium, Lead, Zinc, Copper, Cadmium, Mercury, Antimony, Barium, Cobalt, Manganese, Strontium).
- Detailed reports may be posted on the SPCBs/PCCs website in public domain. Detailed reports also be shared with Ministry of Environment, Forest and Climate Change (MoEF & CC), Ministry of Jal Shakti (MoJS) and CPCB.

3. Actions taken by the State Pollution Control Board, Odisha

In the year 2015, Hon'ble High Court of Orissa have intervened in this matter and vide their order dated 07.10.2015 directed the State Pollution Control Board, Odisha to render necessary assistance to the District Collectors and ensure strict compliances of the Guidelines for Idol Immersion during the Durga Puja and other pujas to follow thereof. In compliance to the order, every year Board is making an intensive as well as proactive approach to ensure the implementation of the Guidelines in all the urban local bodies of the State.

Further, the Forest, Environment and Climate Change Department in Govt. of Odisha has notified the "**Odisha Prevention and Control of Water Pollution (Procedure for Immersion of Idol after Pujas) Rules, 2021**" vide Notification No. 17937 dated 14.10.2021 in compliance to the directions of the Hon'ble National Green Tribunal, Eastern Zone Bench, Kolkata in connection with O.A.No.51/ 2016 (*Ambarnath Sengupta – Vs – The State of West Bengal & Ors.*), (order dated 06.10.2017), in consultation with the State Pollution Control Board, Odisha. The Rule has been made comprising the Revised Guidelines of Idol immersion (12.5.2020) prepared by CPCB and Hon'ble NGT directions. The Gazette Notification has been circulated among all stakeholders vide letter No. 3369

dated 04.3.2022 (Annexure-1) for effective implementation and also has been uploaded in Board's website for public awareness and wider circulation. (weblink : <http://ospcbboard.org/wp-content/uploads/2021/10/FE-CC-Notification-on-Idol-Immersion-Rule.pdf>)

Like previous years, to minimize the impact of idol immersion on the water quality, the State Pollution Control Board, Odisha has taken following steps during the year 2022, as recommended in the Guideline for idol immersion and Idol immersion Rules.

- Created public awareness through Public Notice on safe Idol immersion practices in Local Newspapers and in Board's website. (Fig.1).
- Informed all the District Collectors and authorities of urban local bodies of the State prior to Ganesh Puja to strictly implement the Guidelines of Immersion in their areas of jurisdiction. (Letter No. 15235 dated 24.8.2022) (Annexure-2)

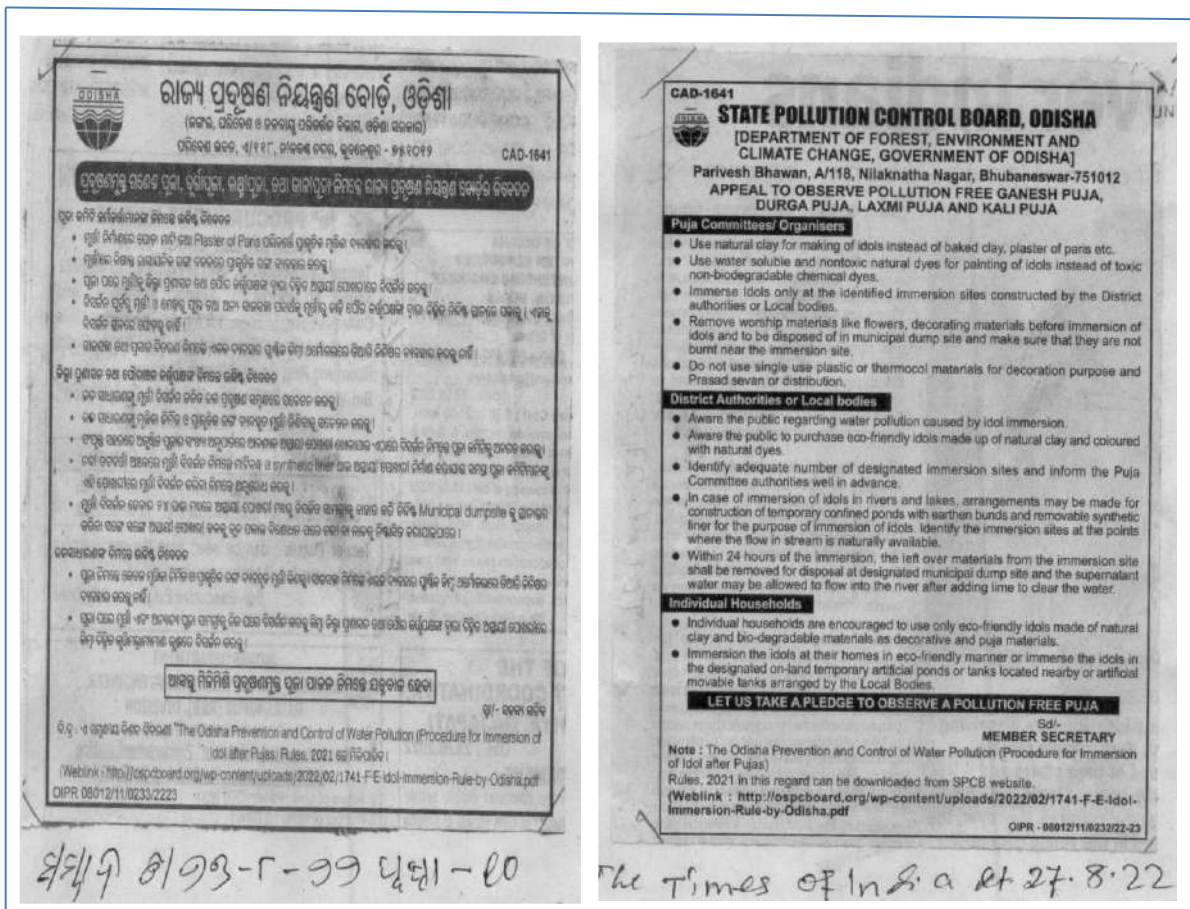


Fig. 1 Appeal to Public to observe pollution free Ganesh puja, Durga Puja, Laxmi Puja and Kali Puja through Public Notice on Newspapers

- Made several meetings with the local bodies/ authorities, Puja Committee Organizers to create awareness on ill impacts of Idol immersion in water bodies and distributed leaflets containing public notice among the puja committee organisers and other Puja mandaps.
- Coordinated with the local bodies/ authorities for construction of temporary immersion ponds near rivers as prescribed in the Guideline.
- Conducted water quality assessment of the water bodies during Ganesh Puja Puja in three stages i.e. Pre-immersion, during immersion and post-immersion in all five Municipal Corporation areas such as Bhubaneswar, Cuttack, Sambalpur, Rourkela and Berhampur and also in three municipal areas such as Jatani, Sundargarh and Deogarh. The Post-monitoring was conducted on after 3rd day, 5th day, 7th day and 9th day of the idol immersion. As during Ganesh Puja, idols are immersed in different days and therefore during-immersion and post immersion monitoring were conducted accordingly. The date of monitoring in different municipal areas has been detailed in Table-1.

Table-1 : Date of pre-, During and Post-immersion monitoring for Ganesh Puja in different municipal areas

Urban Body	Local	Water body	Pre-immersion	During Immersion	Post-immersion
Bhubaneswar Municipal Corporation		Kuakhai River	03.9.2022	05.9.2022	07.9.2022
		Daya River			09.9.2022
Cuttack Municipal Corporation		Kathajodi River	03.9.2022	12.9.2022	12.9.2022
		Mahanadi River			15.9.2022
Sambalpur Municipal Corporation		Mahanadi River	02.9.2022	04.9.2022	17.9.2022
					19.9.2022
Rourkela Municipal Corporation		Brahmani River	03.9.2022	05.9.2022	21.9.2022
					07.9.2022
					09.9.2022
					12.9.2022
					14.9.2022

Urban Body	Local	Water body	Pre-immersion	During Immersion	Post-immersion
Berhampur Municipal Corporation		Immersion Pond	08.9.2022	09.9.2022	-
Sundargarh Municipality		Ib River	03.9.2022	05.9.2022	08.9.2022 10.9.2022 12.9.2022 14.9.2022
Deogarh Municipality		Immersion Pond	09.9.2022	10.9.2022	14.9.2022
Jatani Municipality		Pond	03.9.2022	12.9.2022	20.9.2022

4. Actions taken for implementation of the Guideline during immersion of Idols

In all urban local bodies of the State, temporary immersion ponds were constructed on the bank of the rivers by the district administrations in coordination with the municipal authorities, before the day of idol immersion. The ponds were lined with removable synthetic liner at its bottom well in advance of the idol immersion (Fig. 2 and 3). Sign boards were installed at different locations of the ULBs to display route maps to the immersion ponds. Light arrangements were also made around the idol immersion

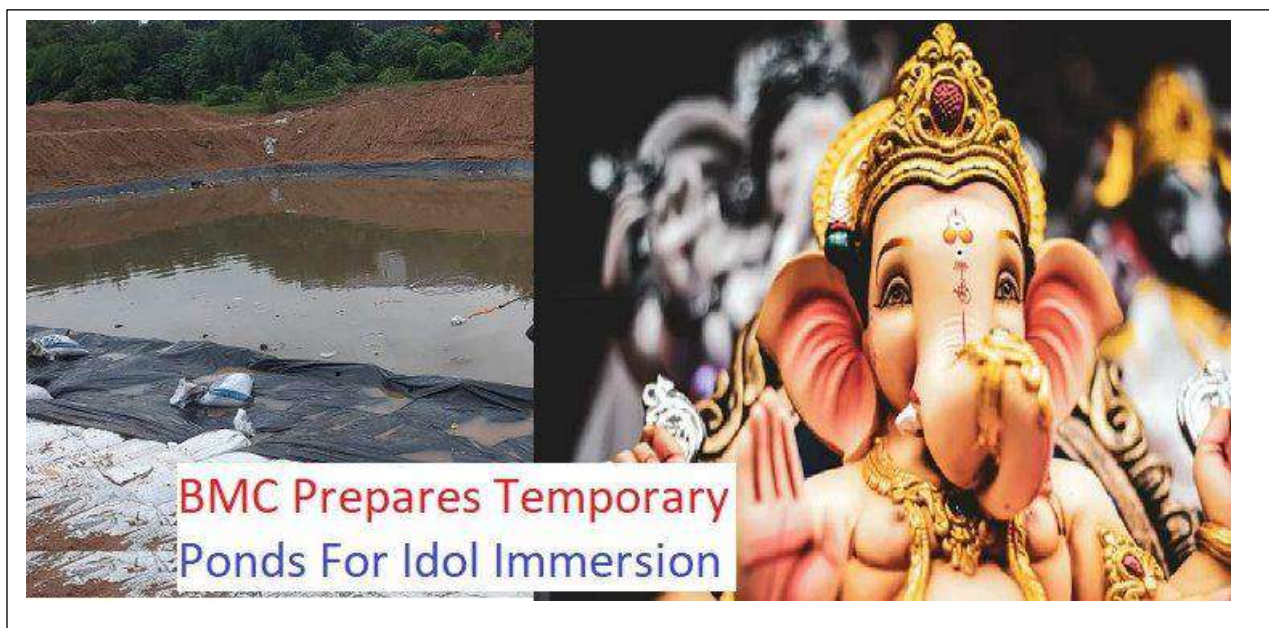


Fig. 2 Construction of temporary idol immersion pond on the bank of Kuakhai river in Bhubaneswar

ponds for hassle free idol immersion process. Location of the idol immersion sites and route map were also informed to the Puja committee authorities and were instructed to immerse the idols only at the designated immersion sites.. The said liner along with remains of the idols were removed at most of the places within 24 hours of idol immersion. The left over-materials were collected by the local bodies for disposal in municipal dumpsites. After that the bleaching powder was added to disinfect pond water and treated with lime for settlement.

As other pujas involving idol immersion, such as, Durga Puja, Gaja Laxmi puja, Kali Puja, Kartikeswar Puja were there within fifteen days to one month gap back-to-back , the immersion ponds were left vacant as such for immersion purposes. Before each immersion process, municipal authorities have taken adequate steps to make ready these ponds by lining the bottom with synthetic liner and filling the pond with water.



Fig.3 Construction of temporary immersion ponds on the bank of the Kathajodi river in Cuttack

As per the information received from different urban local bodies in the State and Regional Officers of the Board, details of temporary idol immersion ponds constructed for the purpose, approximate number of idols immersed during the process are given below (Table-2).

Table-2 Information on Temporary Idol Immersion Ponds constructed by ULBs

Name of ULB	Temporary Idol Immersion Pond constructed	Approx. size of ponds	Number of Idols immersed
Balasore Municipality	1 number on the bank of river Budhabalanga at Balighat	21 m x 18 m x 3 m	Not provided
Baripada Municipality	1 number on the bank of river Budhabalanga at Madhuban	65 ft x 65 ft x 10 ft	Not provided
Berhampur Municipal Corporation	1 number near Ambapua Main Road	Size not provided	Not provided
	1 number near Haridakhandi Main Road	Size not provided	Not provided
	1 number near Gosaninuagaon	Size not provided	Not provided
	1 number near Meenakshi Nagar Main Road	Size not provided	Not provided
Bhadrak Municipality	2 numbers on the bank of river Salandi	Each of size 50 ft x 15 ft x 10 ft	Not provided
Balangir Municipality	1 pond near Tulsinagar , Circuit House Road, Balangir	60 ft x 50 ft x 4 ft	18
Bhubaneswar Municipal Corporation	1 No on the on the bank of river Kuakhai,	130 ft x 80 ft x 10 ft	Not provided
	2 Nos on the on the bank of river Daya	50 ft x 35 ft x 5 ft	
		50 ft x 20 ft x 5ft	
Cuttack Municipal Corporation	11 numbers on the bank of river Kathajodi and Mahanadi		Not provided
Jajpur Municipality	1 number on the bank of river Baitarani at Debigarh ghat	23 m x 20 m x 10 m	58 Nos.
Jatani Municipal Council	1 no at Sandhapaur	150 ft x 75 ft x 10 ft	Not provided
Rourkela Municipal Corporation	1 pond on the bank of river Brahmani at Balughat	140 ft x 180 ft x 8 ft	120 Nos.
Sundargarh Municipality	1 pond on the bank of river IB at Mahadevpada Village	42 M x 40 M x 2.5 M	5 Nos.
Vyasanagar Municipality	1 number on the backside of the Court	13 m x 12 m x 4 m	12 Nos.

Within 24 hours of completion of idol immersion, the left-overs were removed by the volunteers from Puja Committees alongwith personnels from municipalities and transported to the designated municipal dumpsites of the respective areas for disposal. Excavators were also utilized for removal of idols from the ponds. Immersion of idols in the temporary idol immersion ponds, removal of immersion left-overs from the ponds, transportation to designated dumpsites are shown in Figures 4- 9.



Fig.4 Immersion of idols in temporary Immersion ponds



Fig.5 Removal of immersed left overs from the ponds to facilitate the immersion of other idols in the temporary immersion ponds



Fig.6 Ponds after removal of immersion left overs



Fig. 7
Temporary Immersion ponds with immersion left overs on the bank of Kuakhai river



Fig. 8
Temporary Immersion ponds with immersion left overs on the bank of Daya river



Fig. 9
Removal of immersion left overs from the temporary immersion ponds and dumped for transportation to municipal dumpsite

(b) Actions taken for implementation of the Guideline during immersion of Idols in Ponds

In absence of rivers in the cities, idols were immersed in the ponds. In some urban local bodies, temporary immersion ponds were constructed for such purpose, Such ponds were also lined with the synthetic liner and filled with water prior to immersion.

In Berhampur Municipal Corporation area, the Self Help Groups did not allow the puja organisers even the households to immerse their Ganesh idols in the ponds. For which, the Municipal authorities created four ponds for immersion purpose which were later used for immersion of idols during other pujas (Fig. 10). Such ponds were also constructed in other urban local bodies of the State.

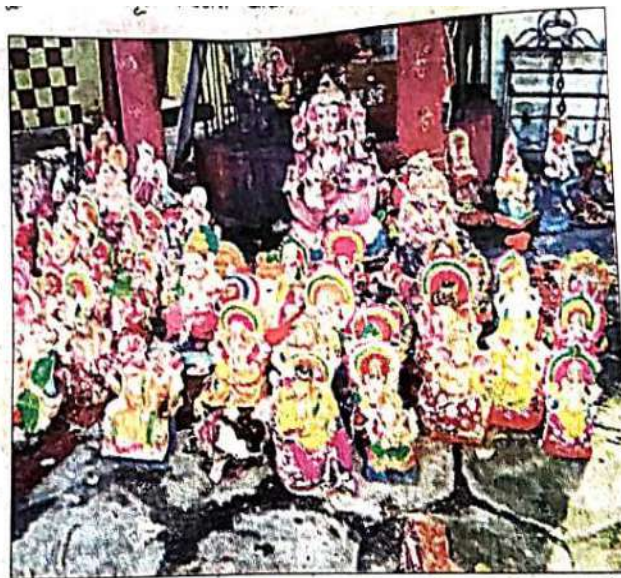


Fig. 10 Ganesh idols kept outside the pond after symbolic visarjan in ponds in Berhampur. Later these were immersed in temporary immersion pond created by the Municipal authorities

In some urban local bodies like Jatani municipality, idols were immersed in the designated corner of the abandoned quarry pond at Sandhapur.

As per the Guideline, the designated corner of the pond was cordoned with removable synthetic liner prior to idol immersion. The said liner along with remains of the idols were removed within 24 hours of idol immersion. The left over-materials were removed by the local bodies for disposal in designated dumpsites.

Copies of the actions taken reports submitted by the urban local bodies and Regional officers of the State Pollution Control Board are enclosed as Annexure- 4 – 15.

5. Actions taken by the Puja Committee Organisers

In Odisha, all idols, in general, are made from natural clay as per religious practice. After constant persuasion of the district administration and municipal authorities, idols were colored with natural and ecofriendly colours instead synthetic colours. Large size idols were made using clay, bamboo, straw and other such materials. Efforts were also made for puja mandap decorations using biodegradable materials, bamboo materials. Prasad bitaran was also done with leaf plates instead of using plastic plates.

As large idols were difficult to take to the temporary idol immersion sites, Puja Committee organisers in Bhubaneswar had taken steps to immerse the idols at the spot by spraying water on them. After that, the skeleton made with bamboo was broken and used for other purposes. The soil so obtained after immersion were recycled And used for gardening and other purposes To encourage others to follow environment-friendly practices.

All other Puja committee organisers followed the guidelines of concerned Police authority and municipal authorities for immersion in the temporary ponds on the scheduled day of immersion to prohibit the



Fig. 11 Distribution of Prasad using leaf plates



Fig. 12 Water spraying on Ganesh idols for Bisarjan using leaf plates

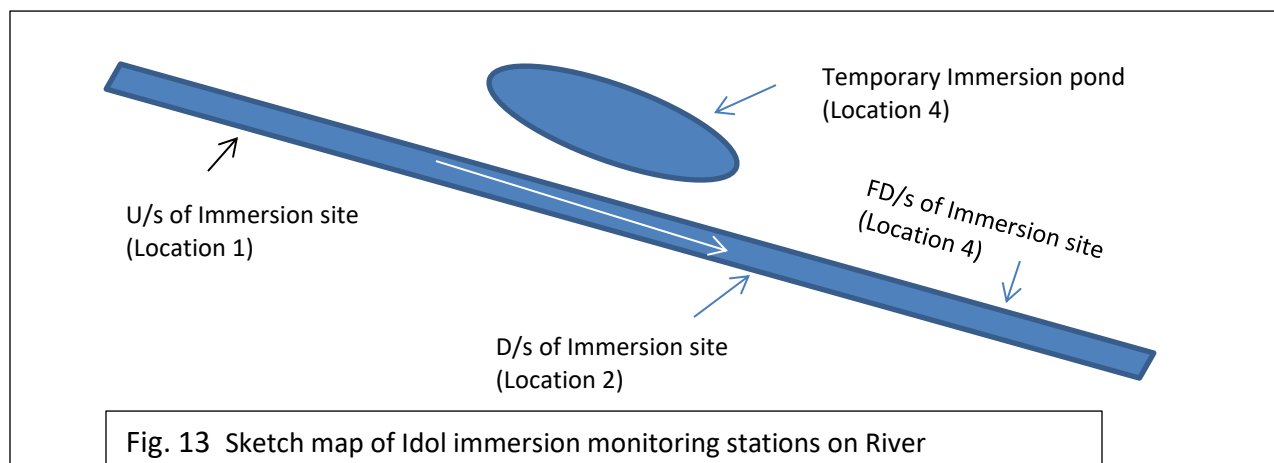
crowding at the immersion site and traffic congestion due to immersion procession. Individual households were also made aware to immerse the idols in such temporary immersion ponds instead of immersing in nearby waterbodies.

Puja Committee Organizers also engaged volunteers to remove the immersion left overs from the pond within 24 hours of completion of immersion process. The waste materials were handed over to the municipal personnel to dispose at municipal dumpsites.

6. Impact of Idol Immersion on water bodies

To assess the Impact of idol immersion on the water quality of rivers, evaluation of water quality status has been carried out in comparison with Class C surface water bodies (IS : 2296 (1982)). Besides these, as per revised guidelines, water quality were also assessed with respect to drinking water specification (IS 10500 (2012)).

To assess the impact of idol immersion during Ganesh Puja on water bodies, the Board had conducted water quality assessment studies of the rivers flowing along five Municipal Corporation areas and three municipal areas as mentioned in Table-1. As per the Revised Guidelines, water quality monitoring was conducted in three stages i.e. pre-immersion, during- immersion and post- immersion period of Ganesh Puja. Date of monitoring in these municipal area are not same as the idol immersion of Lord Ganesh were done in different days. At all locations, temporary idol immersion sites were constructed on the bank of the river. Samples were collected from the upstream of the Idol immersion site, downstream and further downstream of the immersion site and also from the temporary immersion sites as indicated in the Sketch map (Fig. 13).



The water samples were analysed for the physico-chemical parameters as recommended by Central Pollution Control Board (CPCB) for such studies, such as pH, Electrical Conductivity (EC), Turbidity, Dissolved Oxygen (DO), Biochemical Oxygen Demand (BOD), Chemical Oxygen Demand (COD), chloride, alkalinity, total hardness, calcium, magnesium and hexavalent chromium. Heavy metals like Nickel, Copper, Lead, Cadmium, Zinc and Iron could not be analysed because of non-functioning of Atomic absorption spectrometer presently.

Water quality results are presented in following pages as mentioned below in Table-3.

Table-3 Water Quality Assessment conducted during Ganesh Puja

Name of ULB	River	Monitoring location	Water quality status given in Table No.
Cuttack Municipal Corporation	Kathajodi	Devighat	Table-4
	Mahanadi	Kartikeswar gada	Table-5
Bhubaneswar Municipal Corporation	Kuakhai	Palasuni	Table-6
		Tankapani	Table- 7
		Lingipur	Table- 8
Sambalpur Municipal Corporation	Mahanadi	Sambalpur	Table- 9
Rourkela Municipal Corporation	Brahmani	Rourkela	Table-10
Sundargarh Municipality	Ib	Sundargarh	Table-11
Berhampur Municipal Corporation	Ponds	Berhampur	Table-12
Jatani Municipality	Ponds	Sandhapur	Table-13
Deogarh Municipality	Ponds	Deogarh	Table-14

From the water quality data, it has been observed that

- pH of river water during the study period remained well within the tolerance limit of 6.5-8.5.
- Dissolved Oxygen content in the rivers always remained above 4.0 mg/L which conform to Class C river quality.
- There is no significant change in Electrical conductivity in river water quality in Pre-, During and Post-phases of monitoring.

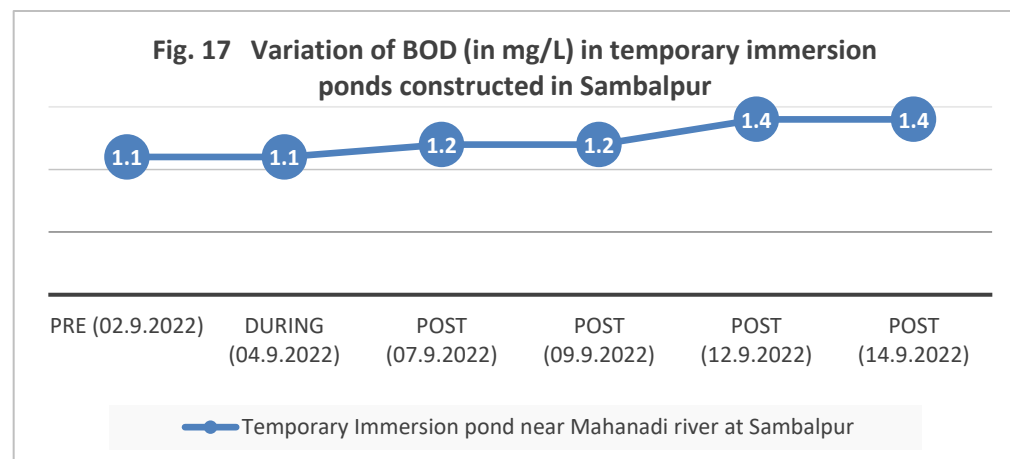
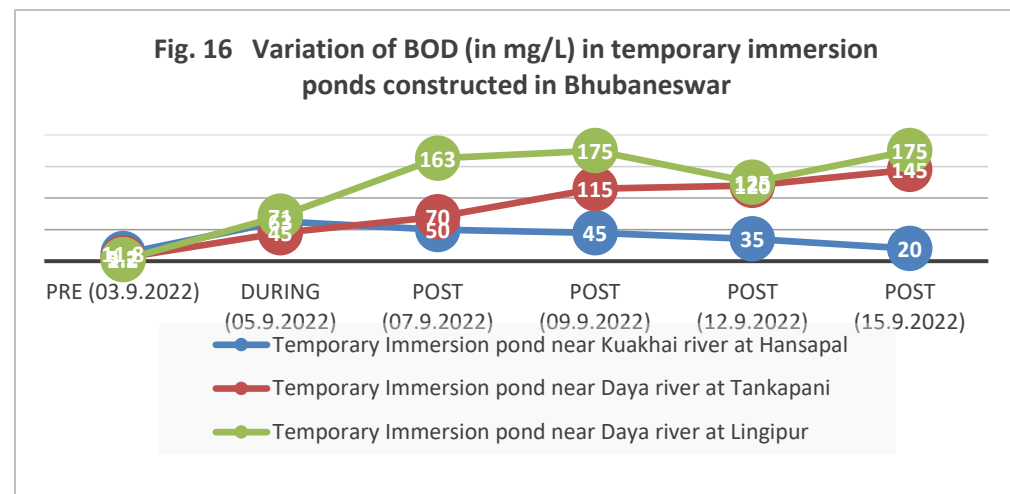
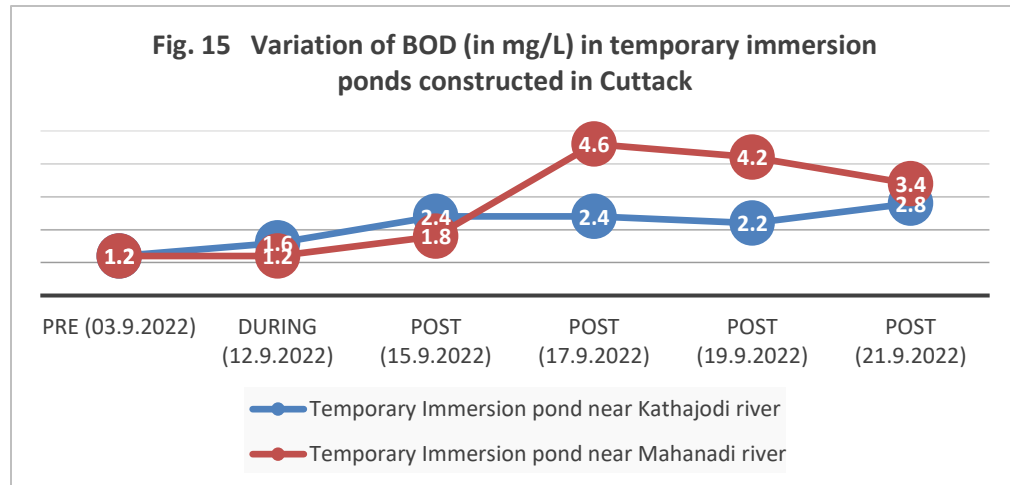
- BOD values of river monitoring station also remained within the tolerance limit of 3.0 mg/L specified for Class C river throughout the study period.
- Alkalinity, Hardness content, chloride content, remained well within the acceptable limits of drinking water specification.
- Variations in total suspended solid content are mostly due to the occurrence of rain.
- As idols were not directly immersed in river bodies, rather immersed in temporary immersion ponds created on the bank of the rivers and after immersion period also, water from the ponds were not allowed to flow into the rivers, **no impact of idol immersion on the water quality of the rivers has been observed in this study.**

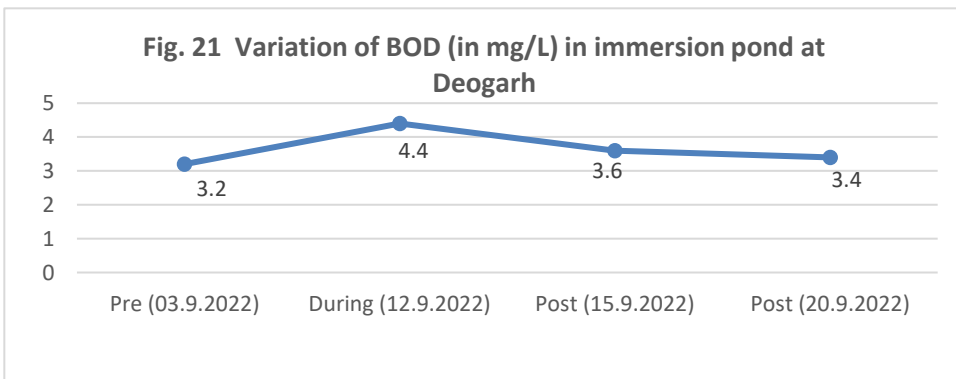
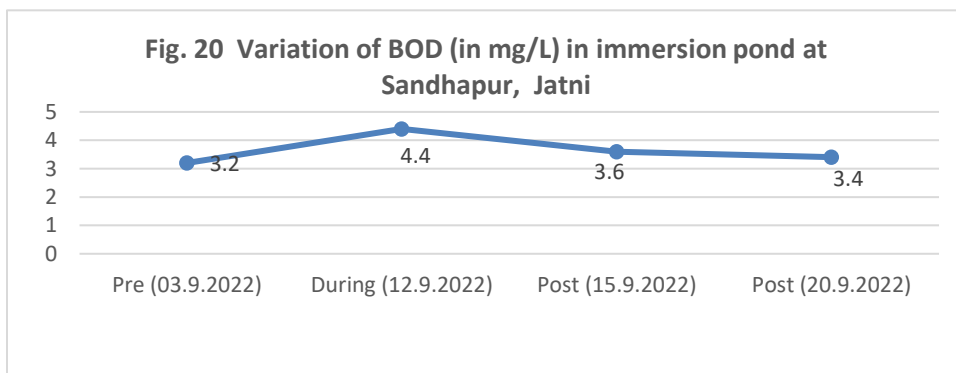
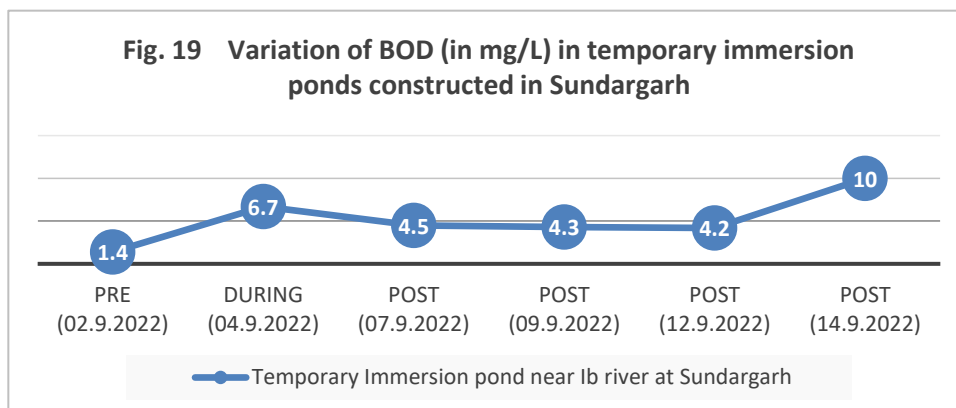
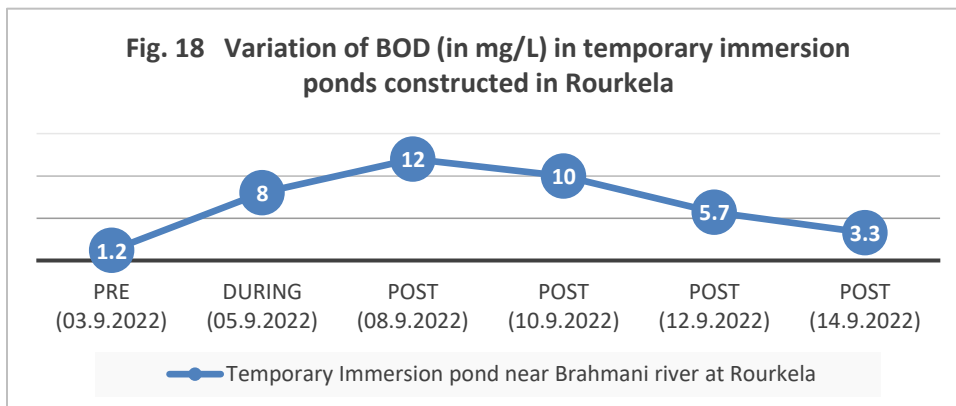


Fig. 14 Temporary idol immersion pond and River side by side after removal of immersion left overs from the pond

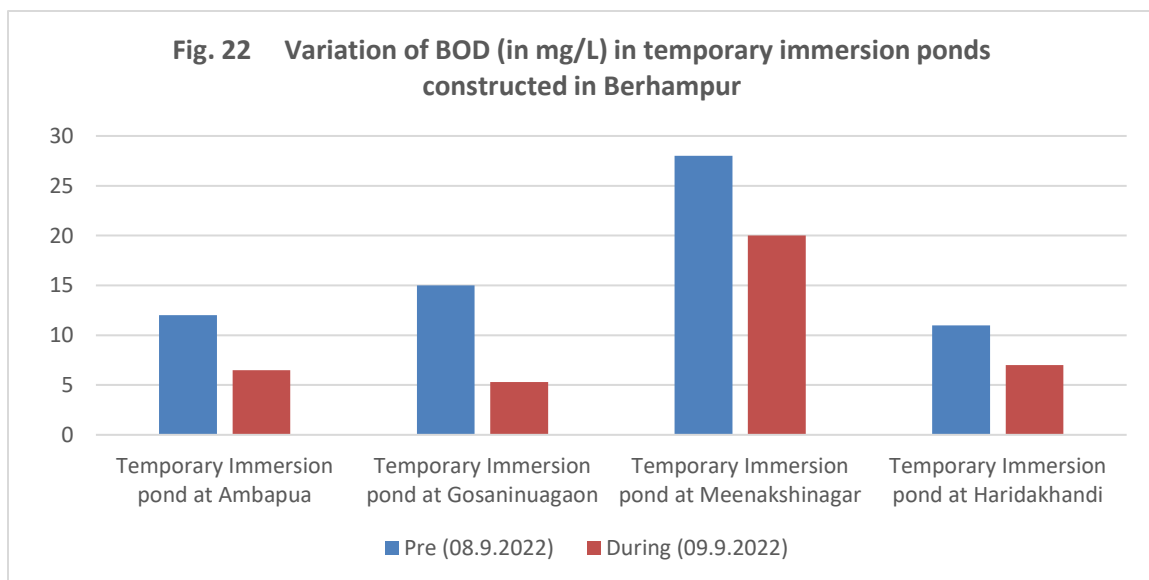
- Variation in BOD values in temporary immersion ponds in different municipal areas are shown in Figures 15 -21. As seen in the Figures, where the municipal authorities has stringent action to remove the immersion left overs from the temporary immersion pond, the BOD values remained within the tolerance limit.

- The BOD values in some ponds though have increased during immersion period, but significantly reduced over the days after immersion period.
- The high values of BOD in post-phase monitoring at some places indicate the lapse in removal of immersion left-overs from the ponds.





- The wide variations in BOD values in such temporary immersion ponds in post-phase monitoring may be attributed to the immersion of idols of Lord Ganesh in different days.
- In Berhampur municipality, all idols were immersed in four numbers of temporary idol immersion ponds constructed within the municipality area and removed immediately. The immersion ponds were filled with water from nearby pond. Because of immediate action taken by the municipal authorities for removal of the immersion left overs followed by treatment of pond water with lime, the BOD values in these ponds are found to be decreased from the corresponding pre-values. Water from these ponds were then pumped back to the nearby water bodies. The constructed immersion ponds were left vacant for further use during During puja and other pujas. Variations in BOD values in four idol immersion ponds are shown in Fig. 22.



- **To summarize, because of the preventive measures taken by the district administration not to allow the water of idol immersion ponds to flow into the river, water quality of the river at the downstream stations in during-immersion and Post-immersion periods mostly remained well within the tolerance limits of the designated use.**

- From the study, it may be concluded that all the parameters specified for the study remained within the tolerance limit for designated class of the river i.e. Class-C (Drinking water source with conventional treatment followed by disinfection) and meet the drinking water specification with respect to all measured parameters except turbidity. **Immersion of idols in the temporary immersion ponds has minimized the probability of contamination of the main course of river water.**

- Moreover, removal of immersion left overs from the immersion ponds within the prescribed 24 hours is equally important to maintain the aesthetic values of the location, to prevent the over accumulation of the garbage in the area and spread of foul odour in the locality (Fig. 23)



Fig. 23 Immersed left overs in the temporary immersion ponds



Fig. 24 Water quality monitoring in rivers

Table- 4 Impact of idol immersion during Ganesh Puja on water quality of Kathajodi river at Cuttack

Location*	pH	EC, $\mu\text{S/cm}$	Turb, NTU	TSS, mg/L	DO, mg/L	BOD, mg/L	COD, mg/L	Cl ⁻ , mg/L	Alk. as CaCO ₃ , mg/L	TH as CaCO ₃ , mg/L	Ca, mg/L	Mg, mg/L	Cr ⁺⁶ , mg/L
Pre-Idol Immersion Monitoring (Date of Sampling : 03.9.2022)													
Location-1	6.8	162	26	53	7.0	1.2	6.8	10.0	60	68	17.64	5.83	0.003
Location-2	6.8	191	39	134	7.1	1.6	9.9	12.0	76	76	19.24	6.81	0.008
Location-3	7.1	215	40	139	7.6	1.4	6.8	16.0	128	88	22.44	7.78	0.006
Location-4	7.1	176	21	50	7.0	1.2	6.8	12.0	64	68	20.84	3.89	0.004
During -Idol Immersion Monitoring (Date of Sampling : 12.9.2022)													
Location-1	7.1	157	50	60	6.9	1.2	10	14.0	60	64	19.24	3.89	0.003
Location-2	7.2	161	50	74	6.4	1.4	13	16.0	68	84	17.64	9.72	0.011
Location-3	6.9	189	33	57	7.5	1.4	13	14.0	64	80	20.84	6.81	0.005
Location-4	7.3	185	30	59	7.7	1.6	20	12.0	64	72	22.44	3.89	0.004
Post -Idol Immersion Monitoring (Date of Sampling : 15.9.2022)													
Location-1	7.1	167	36	50	7.2	1.4	6.6	10.0	92	84	17.64	9.72	0.004
Location-2	7.2	169	32	48	7.1	1.6	9.9	14.0	84	96	20.84	10.69	0.011
Location-3	7.2	163	55	72	7.8	1.4	9.9	12.0	80	84	17.64	9.72	0.006
Location-4	7.4	171	37	50	7.5	2.4	13	14.0	96	84	19.24	8.75	0.006
Post -Idol Immersion Monitoring (Date of Sampling : 17.9.2022)													
Location-1	6.9	171	45	50	7.8	1.4	6.6	8.0	72	72	19.24	5.83	0.004
Location-2	7.1	175	33	47	7.4	1.6	9.9	10.0	80	84	17.64	9.72	0.011
Location-3	6.8	175	40	62	7.4	1.6	9.9	10.0	80	76	17.64	7.78	0.006
Location-4	7.2	187	40	59	7.7	2.4	17	12.0	92	76	17.64	7.78	0.006
Post -Idol Immersion Monitoring (Date of Sampling : 19.9.2022)													
Location-1	7.1	181	17	33	7.8	1.6	9.9	8.0	76	68	16.03	6.81	0.004
Location-2	7.4	184	24	39	7.7	1.6	9.9	10.0	80	76	24.05	3.89	0.008
Location-3	7.1	179	20	41	8.3	1.6	9.9	12.0	72	64	17.64	4.86	0.005
Location-4	7.8	172	18	33	7.5	2.2	17	10.0	80	68	20.84	3.89	0.004
Post -Idol Immersion Monitoring (Date of Sampling : 21.9.2022)													
Location 1	7.1	177	35	68	7.9	1.4	8	10.0	84	72	22.44	3.89	0.004
Location 2	7.4	176	65	102	7.6	2.0	12	12.0	80	76	20.84	5.83	0.006
Location 3	7.4	173	37	51	7.6	1.8	12	12.0	60	64	16.03	5.83	0.006
Location 4	7.4	178	40	80	7.7	2.8	20	10.0	96	88	19.24	9.72	0.010
Tolerance limits for Class-C inland surface waters (IS : 2296-1982)													
Tolerance limit	6.5-8.5	--	--	--	4.0, min	3.0, max	--	--	--	--	--	--	0.05
Drinking water specification (IS : 10500 : 2012) and amendments thereof													
Acceptable limit	6.5-8.5	-	1.0	-	-	-	-	250	200	200	75	30	-
Permissible limit	No relax	-	5.0	-	-	-	-	1000	600	600	200	100	-

Location-1 : U/s of immersion site (100m up)

Location-2 : D/s of idol Immersion site (20 m down from temporary site)

Location-3 : FD/s of idol immersion site at Khan nagar

Location 4 : Temporary idol immersion site on the bank of the river at Devigada

Table- 5 Impact of idol immersion during Ganesh Puja on water quality of Mahanadi river at Cuttack

Location*	pH	EC, $\mu\text{S/cm}$	Turb, NTU	TSS, mg/L	DO, mg/L	BOD, mg/L	COD, mg/L	Cl ⁻ , mg/L	Alk. as CaCO ₃ , mg/L	TH as CaCO ₃ , mg/L	Ca, mg/L	Mg, mg/L	Cr ⁺⁶ , mg/L
Pre-Idol Immersion Monitoring (Date of Sampling : 03.9.2022)													
Location-1	7.2	163	17	24	7.0	1.2	6.8	12.0	64	60	19.24	2.92	0.005
Location-2	7.2	165	17	23	7.6	1.4	14	10.0	60	68	19.24	4.86	0.008
Location-3	7.3	161	18	37	7.7	1.4	14	10.0	68	68	20.84	3.89	0.005
Location-4	7.2	169	16	25	7.0	1.2	10	12.0	60	72	17.64	6.81	0.006
During -Idol Immersion Monitoring (Date of Sampling : 12.9.2022)													
Location-1	7.2	162	36	53	7.5	1.2	6.7	14.0	60	68	22.44	2.92	0.006
Location-2	7.3	155	38	57	7.8	1.4	10	12.0	84	76	24.05	3.89	0.008
Location-3	7.3	154	36	55	7.6	1.4	10	12.0	64	72	20.84	4.86	0.005
Location-4	7.2	158	40	62	7.2	1.2	6.7	14.0	64	80	19.24	7.78	0.006
Post -Idol Immersion Monitoring (Date of Sampling : 15.9.2022)													
Location-1	7.3	165	29	42	7.6	1.4	6.6	14.0	76	72	24.05	2.92	0.005
Location-2	7.4	162	32	48	8.7	1.8	9.9	14.0	72	64	16.03	5.83	0.006
Location-3	7.2	164	28	37	8.7	1.4	6.6	12.0	88	72	24.05	2.92	0.005
Location-4	7.2	167	25	47	7.9	1.8	9.9	12.0	88	72	20.84	4.86	0.006
Post -Idol Immersion Monitoring (Date of Sampling : 17.9.2022)													
Location-1	7.3	179	34	48	7.4	1.4	6.6	8.0	72	68	20.84	3.89	0.005
Location-2	7.5	172	35	57	8.5	1.8	17	10.0	68	64	20.84	2.92	0.006
Location-3	7.3	180	40	62	9.0	1.6	13	10.0	60	56	16.03	3.89	0.008
Location-4	7.8	179	38	53	8.0	4.6	20	16.0	76	72	20.84	4.86	0.004
Post -Idol Immersion Monitoring (Date of Sampling : 19.9.2022)													
Location-1	7.4	180	21	37	7.5	1.4	6.6	12.0	88	60	16.03	4.86	0.005
Location-2	7.5	174	25	37	7.7	1.6	9.9	12.0	80	76	24.05	3.89	0.006
Location-3	7.6	169	20	35	7.9	1.6	9.9	10.0	76	68	24.05	1.94	0.004
Location-4	7.8	175	34	64	7.7	4.2	20	10.0	60	68	19.24	4.86	0.004
Post -Idol Immersion Monitoring (Date of Sampling : 21.9.2022)													
Location 1	7.5	179	25	39	7.2	1.4	8	10.0	68	60	16.03	4.86	0.005
Location 2	7.5	177	29	45	7.4	1.8	12	10.0	80	76	17.64	7.78	0.01
Location 3	7.6	175	28	42	7.7	1.6	8	8.0	88	68	17.64	5.83	0.005
Location 4	7.5	176	33	140	7.8	3.4	12	12.0	80	76	17.64	7.78	0.005
Tolerance limits for Class-C inland surface waters (IS : 2296-1982)													
Tolerance limit	6.5-8.5	--	--	--	4.0, min	3.0, max	--	--	--	--	--	--	0.05
Drinking water specification (IS : 10500 : 2012) and amendments thereof													
Acceptable limit	6.5-8.5	-	1.0	-	-	-	-	250	200	200	75	30	-
Permissible limit	No relax	-	5.0	-	-	-	-	1000	600	600	200	100	-

Location-1 : U/s of immersion site (100m up)

Location-2 : D/s of idol Immersion site (70 m down from temporary site)

Location-3 : FD/s of idol immersion site

Location 4 : Temporary idol immersion site on the bank of the river at Kartikeswar gada

Table- 6 Impact of idol immersion during Ganesh Puja on water quality of Kuakhai River at Bhubaneswar (Near Palasuni)

Location*	pH	EC, $\mu\text{S/cm}$	Turb, NTU	TSS, mg/L	DO, mg/L	BOD, mg/L	COD, mg/L	Cl ⁻ , mg/L	Alk. as CaCO ₃ , mg/L	TH as CaCO ₃ , mg/L	Ca, mg/L	Mg, mg/L	Cr ⁺⁶ , mg/L
Pre-Idol Immersion Monitoring (Date of Sampling : 03.9.2022)													
Location-1	6.8	160	29	64	5.8	1.2	6.8	14.0	72	68	20.84	3.89	0.008
Location-2	6.9	168	30	100	6.2	1.8	10	20.0	72	72	22.44	3.89	0.016
Location-3	6.9	176	30	57	6.0	1.6	10	20.0	68	68	22.44	2.92	0.018
Location-4	6.8	289	50	72	4.3	11.8	37	14.0	80	116	35.27	6.81	0.008
During -Idol Immersion Monitoring (Date of Sampling : 05.9.2022)													
Location-1	6.8	178	33	46	6.0	1.6	13	16.0	56	68	22.44	2.92	0.008
Location-2	6.9	199	39	58	6.2	2.2	17	20.0	76	76	24.05	3.89	0.016
Location-3	6.9	189	70	106	7.0	1.8	13	20.0	68	76	24.05	3.89	0.018
Location-4	6.8	505	90	162	0.3	63.0	235	44.0	80	220	59.32	17.50	0.021
Post -Idol Immersion Monitoring (Date of Sampling : 07.9.2022)													
Location-1	6.8	175	25	48	6.4	1.6	10	18.0	68	72	20.84	4.86	0.008
Location-2	6.9	205	31	52	6.8	2.0	13	20.0	64	76	22.44	4.86	0.006
Location-3	6.9	186	29	41	7.5	1.8	10	20.0	80	84	24.05	5.83	0.005
Location-4	7.2	617	65	252	<0.3	50.0	168	58.0	192	240	65.73	18.47	0.01
Post -Idol Immersion Monitoring (Date of Sampling : 09.9.2022)													
Location-1	6.9	180	22	48	6.8	1.7	13	18.0	68	88	20.84	8.75	0.005
Location-2	7.1	228	35	73	6.6	2.3	20	20.0	84	100	22.44	10.69	0.006
Location-3	7.1	210	28	88	7.1	2.0	17	20.0	64	84	22.44	6.81	0.003
Location-4	7.2	648	32	60	<0.3	45.0	150	80.0	168	296	65.73	32.08	0.005
Post -Idol Immersion Monitoring (Date of Sampling : 12.9.2022)													
Location-1	6.9	165	27	47	7.0	1.8	13	18	56	76	22.44	4.86	0.005
Location-2	7	208	33	52	6.4	2.2	17	22.0	52	80	22.44	5.83	0.01
Location-3	6.8	174	37	48	7.4	2.0	13	18.0	64	84	24.05	5.83	0.006
Location-4	7.3	621	35	53	<0.3	35.0	117	58.0	160	228	67.33	14.58	0.002
Post -Idol Immersion Monitoring (Date of Sampling :15.9.2022)													
Location 1	7.1	178	25	37	6.3	1.8	13	18.0	80	68	14.43	7.78	0.006
Location 2	7.2	245	28	39	6.1	2.2	17	38.0	88	84	17.64	9.72	0.008
Location 3	7.1	198	23	42	6.3	2.0	17	22.0	100	88	19.24	9.72	0.005
Location 4	7.2	644	18	32	<0.3	20.0	83	60.0	120	144	48.10	5.83	0.003
Tolerance limits for Class-C inland surface waters (IS : 2296-1982)													
Tolerance limit	6.5-8.5	--	--	--	4.0, min	3.0, max	--	--	--	--	--	--	0.05
Drinking water specification (IS : 10500 : 2012) and amendments thereof													
Acceptable limit	6.5-8.5	-	1.0	-	-	-	-	250	200	200	75	30	-
Permissible limit	No relax	-	5.0	-	-	-	-	1000	600	600	200	100	-

Location-1 : U/s of immersion site

Location-2 : D/S of temporary immersion site on river (near Hansapal bridge)

Location-3 : FD/s of idol immersion site (100 m away from D/s location)

Location 4 : Temporary immersion site

Table- 7 Impact of idol immersion during Ganesh Puja on water quality of Daya River at Bhubaneswar (Near Tankapani)

Location*	pH	EC, $\mu\text{S/cm}$	Turb, NTU	TSS, mg/L	DO, mg/L	BOD, mg/L	COD, mg/L	Cl ⁻ , mg/L	Alk. as CaCO ₃ , mg/L	TH as CaCO ₃ , mg/L	Ca, mg/L	Mg, mg/L	Cr ⁺⁶ , mg/L
Pre-Idol Immersion Monitoring (Date of Sampling : 03.9.2022)													
Location-1	6.7	175	38	48	6.7	2.2	6.8	16.0	68	64	17.64	4.86	0.003
Location-2	6.9	183	45	79	6.2	2.6	14	16.0	60	88	19.24	9.72	0.005
Location-3	6.9	178	55	84	7.9	2.7	14	14.0	64	80	22.44	5.83	0.005
Location-4	6.8	192	50	73	3.2	5.2	17	14.0	68	72	22.44	3.89	0.008
During -Idol Immersion Monitoring (Date of Sampling : 05.9.2022)													
Location-1	6.8	185	40	49	7.0	2.8	20	12.0	60	64	19.24	3.89	0.003
Location-2	6.9	210	45	56	8.2	2.8	20	12.0	60	76	16.03	8.75	0.005
Location-3	7.1	210	40	49	6.8	2.2	13	12.0	68	80	20.84	6.81	0.005
Location-4	6.9	384	60	99	<0.3	45	101	36.0	96	96	27.25	6.81	0.019
Post -Idol Immersion Monitoring (Date of Sampling : 07.9.2022)													
Location-1	6.8	199	40	46	8.8	2.6	10	14.0	64	84	19.24	8.75	0.006
Location-2	6.8	218	45	58	6.9	2.8	17	18.0	76	84	22.44	6.81	0.008
Location-3	6.9	212	45	56	8.6	2.4	10	14.0	68	88	20.84	8.75	0.006
Location-4	6.9	582	150	265	<0.3	70.0	185	42.0	160	192	43.29	20.42	0.011
Post -Idol Immersion Monitoring (Date of Sampling : 09.9.2022)													
Location-1	7.1	181	16	34	6.9	2.3	10	14.0	76	72	19.24	5.83	0.003
Location-2	7.3	198	34	72	8.7	2.8	17	18.0	60	76	22.44	4.86	0.006
Location-3	7.2	187	24	60	7.9	2.8	17	18.0	64	72	16.03	7.78	0.005
Location-4	6.9	538	120	165	<0.3	115.0	233	42.0	160	164	49.70	9.72	0.01
Post -Idol Immersion Monitoring (Date of Sampling : 12.9.2022)													
Location-1	7.1	191	38	49	6.9	2.2	10	14.0	76	84	17.64	9.72	0.006
Location-2	7.3	204	40	54	7.1	2.6	17	16.0	88	76	22.44	4.86	0.008
Location-3	7.2	190	40	45	7.4	2.4	10	14.0	68	76	19.24	6.81	0.008
Location-4	6.9	628	100	144	<0.3	120.0	250	56.0	196	212	51.30	20.42	0.01
Post -Idol Immersion Monitoring (Date of Sampling : 15.9.2022)													
Location 1	7.3	185	45	60	7.6	2.0	17	10.0	84	76	17.64	7.78	0.006
Location 2	7.4	191	60	98	8.0	2.6	20	10.0	92	68	14.43	7.78	0.01
Location 3	7.4	188	55	63	7.8	2.4	17	10.0	76	76	27.25	1.94	0.008
Location 4	7.1	649	110	166	<0.3	145	264	44.0	92	284	64.13	30.14	0.006
Tolerance limits for Class-C inland surface waters (IS : 2296-1982)													
Tolerance limit	6.5-8.5	--	--	--	4.0, min	3.0, max	--	--	--	--	--	--	0.05
Drinking water specification (IS : 10500 : 2012) and amendments thereof													
Acceptable limit	6.5-8.5	-	1.0	-	-	-	-	250	200	200	75	30	-
Permissible limit	No relax	-	5.0	-	-	-	-	1000	600	600	200	100	-

* Location-1 : U/s of immersion site
 Location-2 : D/S of temporary immersion site on river (near idol immersion pond below Daya bridge)
 Location-3 : FD/s of idol immersion site (100 m away from D/s location)
 Location 4 : Temporary immersion site

Table- 8 Impact of idol immersion during Ganesh Puja on water quality of Daya River at Bhubaneswar (Near Lingipur)

Location*	pH	EC, $\mu\text{S/cm}$	Turb, NTU	TSS, mg/L	DO, mg/L	BOD, mg/L	COD, mg/L	Cl ⁻ , mg/L	Alk. as CaCO ₃ , mg/L	TH as CaCO ₃ , mg/L	Ca, mg/L	Mg, mg/L	Cr ⁺⁶ , mg/L
Pre-Idol Immersion Monitoring (Date of Sampling : 03.9.2022)													
Location-1	6.6	152	33	52	5.9	1.2	6.8	10.0	64	64	19.24	3.89	0.005
Location-2	6.8	158	40	63	6.0	1.2	6.8	14.0	64	60	16.03	4.86	0.006
Location-3	7.1	156	40	62	5.9	1.4	14	10.0	64	76	25.65	2.92	0.005
Location-4	6.9	193	55	85	6.1	2.2	6.8	16.0	24	88	19.24	9.72	0.005
During -Idol Immersion Monitoring (Date of Sampling : 05.9.2022)													
Location-1	7.1	152	28	41	6.3	1.4	10	10.0	80	68	19.24	4.86	0.006
Location-2	7.2	168	36	51	6.7	1.4	10	14.0	52	76	20.84	5.83	0.008
Location-3	7.2	158	31	49	6.6	1.4	10	12.0	60	68	17.64	5.83	0.008
Location-4	6.8	561	65	96	0.3	71.0	185	60.0	140	184	59.32	8.75	0.01
Post -Idol Immersion Monitoring (Date of Sampling : 07.9.2022)													
Location-1	7.1	161	17	25	7.6	1.6	10	16.0	68	80	19.24	7.78	0.008
Location-2	7.2	168	21	34	7.2	1.6	13	16.0	64	96	20.84	10.69	0.01
Location-3	7.1	164	20	34	7.3	1.4	10	12.0	64	88	19.24	9.72	0.005
Location-4	6.7	608	60	86	<0.3	163.0	227	52.0	124	232	68.94	14.58	0.011
Post -Idol Immersion Monitoring (Date of Sampling : 09.9.2022)													
Location-1	7.1	448	15	28	7.6	1.4	10	12.0	60	68	14.43	7.78	0.006
Location-2	7.1	148	23	43	8.0	1.8	13	14.0	64	72	19.24	5.83	0.008
Location-3	7.2	155	16	32	6.2	1.8	17	12.0	64	68	17.64	5.83	0.005
Location-4	6.9	897	25	55	<0.3	175.0	333	85.0	240	316	104.21	13.61	0.008
Post -Idol Immersion Monitoring (Date of Sampling : 12.9.2022)													
Location-1	7.2	166	16	33	7.2	1.2	6.7	14.0	68	72	20.84	4.86	0.003
Location-2	7.2	160	22	38	4.1	1.6	10	12.0	72	80	22.44	5.83	0.006
Location-3	7.1	160	18	39	8.1	1.4	10	12.0	60	76	22.44	4.86	0.005
Location-4	6.8	762	45	66	<0.3	125.0	267	70.0	260	304	84.97	22.36	0.01
Post -Idol Immersion Monitoring (Date of Sampling : 15.9.2022)													
Location 1	7.1	141	33	61	7.6	1.2	6.6	54.0	92	60	16.03	4.86	0.005
Location 2	7.2	156	39	56	7.6	1.2	6.6	10.0	76	80	17.64	8.75	0.006
Location 3	7.3	154	38	58	7.4	1.8	13	12.0	64	76	17.64	7.78	0.006
Location 4	6.9	704	85	130	<0.3	175.0	298	70.0	44	240	80.16	9.72	0.008
Tolerance limits for Class-C inland surface waters (IS : 2296-1982)													
Tolerance limit	6.5-8.5	--	--	--	4.0, min	3.0, max	--	--	--	--	--	--	0.05
Drinking water specification (IS : 10500 : 2012) and amendments thereof													
Acceptable limit	6.5-8.5	-	1.0	-	-	-	-	250	200	200	75	30	-
Permissible limit	No relax	-	5.0	-	-	-	-	1000	600	600	200	100	-

- * Location-1 : U/s of immersion site
 Location-2 : D/S of temporary immersion site on river (near idol immersion pond below Daya bridge)
 Location-3 : FD/s of idol immersion site (100 m away from D/s location)
 Location 4 : Temporary immersion site

Table- 9 Impact of idol immersion during Ganesh Puja on water quality of Mahanadi River at Sambalpur

Location*	pH	EC, $\mu\text{S/cm}$	Turb, NTU	TSS, mg/L	DO, mg/L	BOD, mg/L	COD, mg/L	Cl ⁻ , mg/L	Alk. as CaCO ₃ , mg/L	TH as CaCO ₃ , mg/L	Ca, mg/L	Mg, mg/L	Cr ⁺⁶ , mg/L
Pre-Idol Immersion Monitoring (Date of Sampling : 02.9.2022)													
Location-1	7.1	137	34	57	7.2	1.1	6.6	14.0	76	60	17.64	3.89	0.002
Location-2	7.2	139	55	72	7.2	1.1	6.6	14.0	88	80	17.64	8.75	0.008
Location-3	6.9	134	60	74	7.0	1.3	9.9	12.0	80	64	19.24	3.89	0.006
Location-4	6.8	135	55	77	7.0	1.1	6.6	16.0	72	60	16.03	4.86	0.003
During -Idol Immersion Monitoring (Date of Sampling : 04.9.2022)													
Location-1	7.1	139	26	38	7.0	1.1	6.6	18.0	68	64	16.03	5.83	0.002
Location-2	7.3	159	40	57	7.0	1.4	9.9	14.0	76	80	17.64	8.75	0.01
Location-3	7.2	156	38	49	6.8	1.1	6.6	12.0	72	60	12.83	6.81	0.005
Location-4	7.4	144	32	46	7.0	1.1	6.6	12.0	64	56	16.03	3.89	0.003
Post -Idol Immersion Monitoring (Date of Sampling : 07.9.2022)													
Location-1	7.5	142	19	28	7.0	1.2	6.6	12.0	88	72	22.44	3.89	0.002
Location-2	7.6	182	29	52	7.2	1.8	17	10.0	92	84	22.44	6.81	0.008
Location-3	7.8	165	22	35	6.8	1.3	6.6	10.0	80	76	20.84	5.83	0.006
Location-4	7.7	163	24	39	6.8	1.2	6.6	11.0	92	80	17.64	8.75	0.005
Post -Idol Immersion Monitoring (Date of Sampling : 09.9.2022)													
Location-1	6.9	161	14	28	7.2	1.2	6.6	10.0	72	64	19.24	3.89	0.005
Location-2	7.1	182	17	31	7.2	1.8	17	8.0	88	80	22.44	5.83	0.008
Location-3	7.1	166	15	35	6.8	1.4	9.9	10.0	80	72	17.64	6.81	0.006
Location-4	7.2	168	16	25	7.0	1.2	6.6	12.0	80	72	24.05	2.92	0.003
Post -Idol Immersion Monitoring (Date of Sampling : 12.9.2022)													
Location-1	7.3	158	8.2	19	7.2	1.2	6.6	10.0	64	56	14.43	4.86	0.003
Location-2	7.4	179	16	47	7.0	1.8	13	8.0	80	72	24.05	2.92	0.008
Location-3	7.3	166	13	28	7.0	1.4	9.9	12.0	72	68	20.84	3.89	0.005
Location-4	7.2	168	14	29	7.0	1.4	9.9	6.0	92	64	16.03	5.83	0.003
Post -Idol Immersion Monitoring (Date of Sampling : 14.9.2022)													
Location 1	7.1	167	8.3	19	7.4	1.2	6.6	10.0	72	60	16.03	4.86	0.005
Location 2	7.2	179	21	37	7.4	1.8	13	8.0	88	76	22.44	4.86	0.008
Location 3	7.4	179	18	32	7.2	1.6	9.9	8.0	76	68	17.64	5.83	0.008
Location 4	7.4	175	16	27	7.2	1.4	6.6	8.0	60	68	17.64	5.83	0.006
Tolerance limits for Class-C inland surface waters (IS : 2296-1982)													
Tolerance limit	6.5-8.5	--	--	--	4.0, min	3.0, max	--	--	--	--	--	--	0.05
Drinking water specification (IS : 10500 : 2012) and amendments thereof													
Acceptable limit	6.5-8.5	-	1.0	-	-	-	-	250	200	200	75	30	-
Permissible limit	No relax	-	5.0	-	-	-	-	1000	600	600	200	100	-

- * Location-1 : U/s of immersion site
 Location-2 : D/s of temporary immersion site on bank of river Mahanadi
 Location-3 : FD/s of idol immersion site
 Location 4 : Temporary immersion site

Table- 10 Impact of idol immersion during Ganesh Puja on water quality of Brahmani River at Rourkela

Location*	pH	EC, $\mu\text{S/cm}$	Turb, NTU	TSS, mg/L	DO, mg/L	BOD, mg/L	COD, mg/L	Cl ⁻ , mg/L	Alk. as CaCO ₃ , mg/L	TH as CaCO ₃ , mg/L	Ca, mg/L	Mg, mg/L	Cr ⁺⁶ , mg/L
Pre-Idol Immersion Monitoring (Date of Sampling : 03.9.2022)													
Location-1	7.2	140	14	21	6.9	1.2	6.7	14.0	60	64	19.24	3.89	0.004
Location-2	7.3	215	50	87	7.7	1.4	13	22.0	68	100	24.05	9.72	0.008
Location-3	7.3	188	50	75	7.6	1.2	13	22.0	56	64	19.24	3.89	0.006
Location-4	7.2	252	50	92	6.6	1.2	6.7	20.0	108	84	24.05	5.83	0.004
During -Idol Immersion Monitoring (Date of Sampling : 05.9.2022)													
Location-1	7.2	148	13	49	6.9	1.4	10	12.0	60	64	16.03	5.83	0.004
Location-2	7.3	256	14	38	7.4	1.6	13	24.0	72	108	27.25	9.72	0.008
Location-3	7.4	168	45	73	7.2	1.4	13	26.0	76	68	17.64	5.83	0.008
Location-4	7.7	290	65	97	6	8	20	28.0	104	132	41.68	6.81	0.011
Post -Idol Immersion Monitoring (Date of Sampling : 08.9.2022)													
Location-1	7.2	164	12	28	7.4	1.2	6.7	12.0	52	72	16.03	7.78	0.006
Location-2	7.1	216	50	67	7.2	1.8	17	22.0	64	84	19.24	8.75	0.01
Location-3	7.2	176	45	53	6.6	1.6	13	12.0	56	76	16.03	8.75	0.006
Location-4	7.6	358	70	92	0.8	12	37	32.0	136	148	38.48	12.64	0.011
Post -Idol Immersion Monitoring (Date of Sampling : 10.9.2022)													
Location-1	7.3	146	22	35	7.4	1.2	10	12.0	56	60	16.03	4.86	0.005
Location-2	7.4	192	33	49	6.6	1.8	17	16.0	68	76	16.03	8.75	0.01
Location-3	7.2	186	30	46	7.4	1.6	13	12.0	48	56	14.43	4.86	0.006
Location-4	7.4	316	55	72	<0.3	10	27	38.0	152	136	40.08	8.75	0.008
Post -Idol Immersion Monitoring (Date of Sampling : 12.9.2022)													
Location-1	7.2	157	11	28	7.8	1.2	6.7	10.0	64	76	20.84	5.83	0.005
Location-2	7.2	198	39	48	7.9	1.7	13	14.0	56	76	19.24	6.81	0.01
Location-3	7.4	178	33	45	7.5	1.6	10	12.0	60	64	19.24	3.89	0.006
Location-4	7.5	287	50	66	1.8	5.7	17	18.0	164	104	33.67	4.86	0.006
Post -Idol Immersion Monitoring (Date of Sampling : 14.9.2022)													
Location 1	7.2	148	75	97	6	1.2	6.6	8.0	56	72	19.24	5.83	0.005
Location 2	7.4	188	120	406	6.5	1.6	9.9	12.0	68	80	22.44	5.83	0.01
Location 3	7.4	162	95	447	6.8	1.4	9.9	10.0	60	68	20.84	3.89	0.005
Location 4	7.6	197	100	173	3.5	3.3	17	12.0	124	96	30.46	4.86	0.005
Tolerance limits for Class-C inland surface waters (IS : 2296-1982)													
Tolerance limit	6.5-8.5	--	--	--	4.0, min	3.0, max	--	--	--	--	--	--	0.05
Drinking water specification (IS : 10500 : 2012) and amendments thereof													
Acceptable limit	6.5-8.5	-	1.0	-	-	-	-	250	200	200	75	30	-
Permissible limit	No relax	-	5.0	-	-	-	-	1000	600	600	200	100	-

* Location-1 : U/s of immersion site
 Location-2 : D/s of temporary immersion site on bank of river Mahanadi
 Location-3 : FD/s of idol immersion site
 Location 4 : Temporary immersion site

Table- 11 Impact of idol immersion during Ganesh Puja on water quality of Ib River at Sundargarh

Location*	pH	EC, $\mu\text{S/cm}$	Turb, NTU	TSS, mg/L	DO, mg/L	BOD, mg/L	COD, mg/L	Cl ⁻ , mg/L	Alk. as CaCO ₃ , mg/L	TH as CaCO ₃ , mg/L	Ca, mg/L	Mg, mg/L	Cr ⁺⁶ , mg/L
Pre-Idol Immersion Monitoring (Date of Sampling : 03.9.2022)													
Location-1	7.4	112	36	72	7.0	1.2	6.7	8.0	40	52	11.22	5.83	0.004
Location-2	7.3	132	36	59	7.1	1.4	10	8.0	48	56	12.83	5.83	0.006
Location-3	7.2	118	37	67	7.5	1.4	13	8.0	60	48	14.43	2.92	0.006
Location-4	7.4	180	7.9	12	7.6	1.4	10	12.0	80	84	20.84	7.78	0.005
During -Idol Immersion Monitoring (Date of Sampling : 05.9.2022)													
Location-1	7.2	107	45	99	6.5	1.2	6.7	6.0	48	48	14.43	2.92	0.004
Location-2	7.5	105	50	102	6.8	1.6	10	8.0	44	52	11.22	5.83	0.008
Location-3	7.5	106	40	108	6.5	1.4	10	8.0	44	52	14.43	3.89	0.006
Location-4	7.4	208	24	32	2.8	6.7	34	12.0	88	96	28.86	5.83	0.005
Post -Idol Immersion Monitoring (Date of Sampling : 08.9.2022)													
Location-1	7.3	100	45	58	6.2	1.2	10	12.0	40	52	14.43	3.89	0.004
Location-2	7.3	109	39	47	7.3	1.4	13	10.0	48	40	9.62	3.89	0.006
Location-3	7.2	115	40	52	7	1.4	10	20.0	36	52	16.03	2.92	0.01
Location-4	7.4	262	12	23	3.4	4.5	23	58.0	120	104	32.06	5.83	<0.002
Post -Idol Immersion Monitoring (Date of Sampling : 10.9.2022)													
Location-1	7.5	108	45	58	7.3	1.2	10	8.0	44	52	14.43	3.89	0.004
Location-2	7.5	108	27	33	6.9	1.6	17	10.0	40	60	16.03	4.86	0.005
Location-3	7.5	106	40	56	7.4	1.6	17	14.0	52	64	17.64	4.86	0.01
Location-4	7.2	274	12	20	3.7	4.3	33	18.0	120	120	36.87	6.81	<0.002
Post -Idol Immersion Monitoring (Date of Sampling : 12.9.2022)													
Location-1	7.3	110	32	49	7.2	1.2	6.7	8.0	60	52	16.03	2.92	0.004
Location-2	7.2	206	22	39	6.2	1.8	13	20.0	88	76	24.05	3.89	0.006
Location-3	7.5	125	26	45	7.3	1.4	10	8.0	52	44	12.83	2.92	0.008
Location-4	6.9	288	12	28	3.2	4.2	33	18.0	100	128	40.08	6.81	0.005
Post -Idol Immersion Monitoring (Date of Sampling : 14.9.2022)													
Location 1	7.8	149	29	40	5.7	1.2	6.6	12.0	40	36	9.62	2.92	0.004
Location 2	7.3	190	25	47	5.9	1.8	17	18.0	92	84	20.84	7.78	0.005
Location 3	7.5	151	20	38	5.0	1.4	6.6	12.0	72	60	16.03	4.86	0.003
Location 4	7.2	363	7.5	17	<0.3	10.0	99	36.0	120	152	40.08	12.64	<0.002
Tolerance limits for Class-C inland surface waters (IS : 2296-1982)													
Tolerance limit	6.5-8.5	--	--	--	4.0, min	3.0, max	--	--	--	--	--	--	0.05
Drinking water specification (IS : 10500 : 2012) and amendments thereof													
Acceptable limit	6.5-8.5	-	1.0	-	-	-	-	250	200	200	75	30	-
Permissible limit	No relax	-	5.0	-	-	-	-	1000	600	600	200	100	-

- * Location-1 : U/s of immersion site
 Location-2 : D/s of temporary immersion site on bank of river Mahanadi
 Location-3 : FD/s of idol immersion site
 Location 4 : Temporary immersion site

Table- 12 Impact of idol immersion during Ganesh Puja on water quality of Idol Immersion ponds in Berhampur Municipal Corporation

Date of Monitoring	pH	EC, $\mu\text{S/cm}$	Turb, NTU	TSS, mg/L	DO, mg/L	BOD, mg/L	COD, mg/L	Cl ⁻ , mg/L	Alk. as CaCO ₃ , mg/L	TH as CaCO ₃ , mg/L	Ca, mg/L	Mg, mg/L	Cr ⁺⁶ , mg/L
Temporary immersion pond at Ambapua													
08.9.2022 (Pre)	7.2	344	80	156	4.5	12	75	38.0	108	108	28.86	8.75	0.002
09.9.2022 (During)	7.1	712	3.1	28	2.0	6.5	33	70.0	244	136	49.70	2.92	<0.002
Temporary immersion pond at Gosaninuagaon													
08.9.2022 (Pre)	7.3	281	75	147	3.6	15	83	40.0	60	112	25.65	11.67	0.003
09.9.2022 (During)	7.2	587	4.2	15	1.6	5.3	33	70.0	152	132	28.86	14.58	<0.002
Temporary immersion pond at Meenakshi Nagar													
08.9.2022 (Pre)	6.8	297	23	63	4.0	28	92	40.0	76	96	27.25	6.81	0.008
09.9.2022 (During)	7.4	663	35	61	2.0	20	75	70.0	96	224	56.11	20.42	<0.002
Temporary immersion pond at Haridakhandi													
08.9.2022 (Pre)	6.9	299	39	92	4.2	11	75	38.0	88	92	28.86	4.86	0.004
09.9.2022 (During)	7.3	667	3.4	11	2.2	7.0	27	70.0	172	188	54.51	12.64	<0.002
Tolerance limits for Class-C inland surface waters (IS : 2296-1982)													
Tolerance limit	6.5-8.5	--	--	--	4.0, min	3.0, max	--	--	--	--	--	--	0.05
Drinking water specification (IS : 10500 : 2012) and amendments thereof													
Acceptable limit	6.5-8.5	-	1.0	-	-	-	-	250	200	200	75	30	-
Permissible limit	No relax	-	5.0	-	-	-	-	1000	600	600	200	100	-

Table- 13 Impact of idol immersion during Ganesh Puja on water quality of Idol Immersion pond in Jatani (Near Sandhapur)

Date of Monitoring	pH	EC, $\mu\text{S/cm}$	Turb, NTU	TSS, mg/L	DO, mg/L	BOD, mg/L	COD, mg/L	Cl ⁻ , mg/L	Alk. as CaCO ₃ , mg/L	TH as CaCO ₃ , mg/L	Ca, mg/L	Mg, mg/L	Cr ⁺⁶ , mg/L
03.9.2022 (Pre)	7.2	80	7.5	18	10.6	3.2	17	18.0	40	9.62	3.89	56	0.003
12.9.2022 (During)	7.3	127	75	120	5.8	4.4	23	26.0	56	14.43	4.86	68	0.008
15.9.2022 (Post)	7.1	211	60	83	5.9	3.6	17	24.0	72	17.64	6.81	92	0.003
20.9.2022 (Post)	7.5	175	36	55	6.2	3.4	17	18.0	68	16.03	6.81	60	0.008
Tolerance limits for Class-C inland surface waters (IS : 2296-1982)													
Tolerance limit	6.5-8.5	--	--	--	4.0, min	3.0, max	--	--	--	--	--	--	0.05
Drinking water specification (IS : 10500 : 2012) and amendments thereof													
Acceptable limit	6.5-8.5	-	1.0	-	-	-	-	250	200	200	75	30	-
Permissible limit	No relax	-	5.0	-	-	-	-	1000	600	600	200	100	-

Table- 14 Impact of idol immersion during Ganesh Puja on water quality of Idol Immersion pond in Deogarh

Date of Monitoring	pH	EC, $\mu\text{S/cm}$	Turb, NTU	TSS, mg/L	DO, mg/L	BOD, mg/L	COD, mg/L	Cl ⁻ , mg/L	Alk. as CaCO ₃ , mg/L	TH as CaCO ₃ , mg/L	Ca, mg/L	Mg, mg/L	Cr ⁺⁶ , mg/L
09.9.2022 (Pre)	7.3	274	2.2	<10	6.4	2.0	6.6	20.0	140	120	38.48	5.83	<0.002
10.9.2022 (During)	7.1	284	3.5	15	4.0	3.5	13	24.0	124	132	40.08	7.78	<0.002
14.9.2022 (Post)	7.3	304	4.2	19	5.6	1.3	6.6	27.0	120	136	40.08	8.75	<0.002
Tolerance limits for Class-C inland surface waters (IS : 2296-1982)													
Tolerance limit	6.5-8.5	--	--	--	4.0, min	3.0, max	--	--	--	--	--	--	0.05
Drinking water specification (IS : 10500 : 2012) and amendments thereof													
Acceptable limit	6.5-8.5	-	1.0	-	-	-	-	250	200	200	75	30	-
Permissible limit	No relax	-	5.0	-	-	-	-	1000	600	600	200	100	-

7. Recommendations

- As the “**Odisha Prevention and Control of Water Pollution (Procedure for Immersion of Idol after Pujas) Rules, 2021**” is effective for whole of the State, the District Administration/ authorities of ULBs should take necessary action for effective implementation of the Rule during all pujas involving immersion of idols.
- The height of the super structure of the idols shall be limited to 40 ft and of the idols shall be limited to 20ft in height ;
- District Administration/ authorities of ULBs may take awareness programme for the idol makers to register themselves with a declaration to make ecofriendly idols.
- District Administration should promote the idol makers/ idol manufactures for making ecofriendly idols.
- District Administration should identify the units manufacturing natural colours and make a coordination between the natural colour manufacturers and idol makers.
- As there will be massive need of natural colours to paint the idols and huge shift in the business of the small idol makers, the State Government should provide incentives to these natural colour manufacturers and idol makers, so that they can change their mind set and opt for painting the idols with natural colours,
- Puja Committee Organisers should use the idols made from natural clay only and colouring of the idols with natural colours.
- As Pujas like Ganesh Puja, Saraswati Puja, Biswakarma Puja, Khudurukuni Puja are mostly observed in individual scale, promotion of idols made of natural clay and coloured with natural colours play a vital role in controlling of pollution. School children, young mass may be given major thrust for the awareness programs on ill impacts of idol immersion.
- Use of thermocol, single-use plastic materials for decoration purpose, Prasad distribution/ sevans purposes should be prohibited as use of single-use plastic have already been banned in the country.
- Adequate number and size of ponds shall be constructed by the local administration for idol immersion purpose and shall be informed to the Puja Committee Organisers with route map.
- Public and individual house holders, resident welfare associations may be encouraged to immerse their idols in these earmarked ponds.



- Resident welfare associations may construct temporary idol immersion ponds in their premises for such purpose. Immersion left overs from the ponds may be recovered from the ponds and handed over to the municipal authorities for proper disposal. Water of the ponds may be used for gardening purpose.
- Awareness may be created among the individual house holders to immerse the idols and puja left overs in a bucket full of water and later the water may be used for gardening. Or else they may immerse their idols in the designated temporary immersion ponds created for the purpose.
- Municipal authorities shall cooperate the Puja Committee Organisers for removal of the left-over materials of the idol immersions from the immersion sites within 24 hours of immersion and transportation of these debris to the dumpsites.
- Treatment of temporary immersion pond water with lime and discharge of the settled water to main river channel.
- Burning of left-over materials of idol immersion on the banks of river should be prohibited.
- After discharge of water from the temporary immersion ponds, the empty space should be filled with sand.
- Public awareness shall be given more thrust on the ill-impacts of idol immersion and implementation of the Guidelines.
- Public awareness should be created to limit the size of idols and number of idols in a locality in order to decrease the waste load in the form of puja left-overs.



ANNEXURES



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EPABX : 2561909/2562847
E-mail : paribesh1@ospboard.org
Website : www.ospcbboard.org

STATE POLLUTION CONTROL BOARD, ODISHA

[DEPARTMENT OF FOREST, ENVIRONMENT AND CLIMATE CHANGE, GOVERNMENT OF ODISHA]

Paribesh Bhawan, A/118, Nilakanthanagar, Unit-VIII,

Bhubaneswar – 751 012

No. 3369

VI-SC(LEM)Proj.64 (Vol-II) /21-22

Di. 04.3.2022

To

All Collectors and District Magistrates
Odisha

Sub : Gazette Notification of "Odisha Prevention and Control of Water Pollution (Procedure for immersion of idols after Pujas) Rules, 2021"

Ref : This office letter No. 16589 dated 29.10.2021

Sir,

In inviting a reference to the above cited letter, this is to inform that the Gazette Notification of "Odisha Prevention and Control of Water Pollution (Procedure for immersion of idols after Pujas) Rules, 2021" vide No. 17937/FE dated 14.10.2021 has been uploaded in the Board's website. The Rules comes into force from the date of publication in the Gazette Notification. The following actions may please be initiated for effective implementation of the said Rule.

- (1) Ensuring use of natural clay and biodegradable materials for manufacture of idols
- (2) Ensuring use of natural dyes/ colours and biodegradable materials for decoration of idols.
- (3) PoP based idols should not be allowed for immersion in water bodies. Such idols should be immersed only in temporary ponds at designated places (to be arranged by the ULBs).
- (4) Instruct Urban Local Bodies (ULBs) to create temporary immersion/ artificial ponds in close proximity of a locality / residential areas for immersion of idols.
- (5) Safety measures to be taken at the banks of the rivers during immersion of idols as detailed in the guidelines.
- (6) As far as possible, encourage immersion of idols in a bucket of water in case of individual houses or residence / within the premises of residence welfare apartments in a temporary / artificial ponds. After immersion, decanted water can be used for gardening purposes.
- (7) To create awareness among the public through daily newspaper/ electronic media/ sky advertisement balloons regarding use of eco-friendly idols during the pujas involving idol immersion, in association with the festival samithis or NGOs.
- (8) Awareness campaign regarding making of eco-friendly idols should be organized at community places, schools/ colleges in association with festival samithis or NGOs.

The Rule may be downloaded using the weblink (<http://ospboard.org/wp-content/uploads/2022/02/1741-F-E-Idol-Immersion-Rule-by-Odisha.pdf>) for kind information and effective implementation of the Rule.

Contd.. p/2



-2-

Further, you are requested to provide the information regarding manufacturers of eco-friendly natural dyes in the district at an early date.


Action taken for implementation of the Rule may please be communicated to this end .

Yours faithfully,


MEMBER SECRETARY

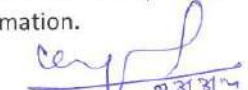
Memo No. 3370 /dt. 04.3.2022

Copy forwarded to the Executive Director, National Mission for Clean Ganga, Department of Water Resources, River Development and Ganga Rejuvenation, Ministry of Jal Shakti, 1st Floor, Major Dhyan Chand National Stadium, Indian Gate, New Delhi 110002 (ed-technical@nmcg.nic.in) for kind information.


MEMBER SECRETARY


Memo No. 3371 /dt. 04.3.2022

Copy forwarded to Sri A. Sudhakar, Divisional Head, WQM-I, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi 110032 (asudhakar.cpcb@nic.in) for kind information.


MEMBER SECRETARY

Memo No. 3372 /dt. 04.3.2022

Copy forwarded to the Zonal Officer, Central Pollution Control Board, Eastern Zonal Office, Block 502, Southend Conclave, 5th and 6th Floor, 1582, Rajdanga Main Road, Kolkata-700107 (Email : zokolkata.cpcb@nic.in) for kind information.


MEMBER SECRETARY

Memo No. 3373 /dt. 04.3.2022

Copy forwarded to the Director, Env.-cum-Spl. Secy. To Government, Forest, Environment and Climate Change Department, Govt. of Odisha (env1992@gmail.com) for kind information.


MEMBER SECRETARY

Memo No. 3374 /dt. 04.3.2022

Copy forwarded to the Principal Secretary, H & UD Department, Govt. of Odisha (hudsec.or@nic.in) for kind information and necessary action.


MEMBER SECRETARY

Contd.. p/3

-3-

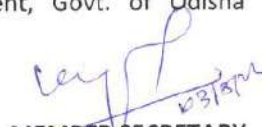
Memo No. 3375 /dt. 04.3.2022

Copy forwarded to the Principal Secretary, Home Department, Govt. of Odisha (homsec.od@nic.in) for kind information and necessary action.


MEMBER SECRETARY

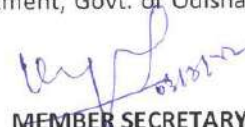
Memo No. 3376 /dt. 04.3.2022

Copy forwarded to the Principal Secretary, Higher Education Department, Govt. of Odisha (hedsec.od@nic.in) for kind information and necessary action.


MEMBER SECRETARY

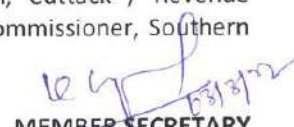
Memo No. 3377 /dt. 04.3.2022

Copy forwarded to the Principal Secretary, School and Mass Education Department, Govt. of Odisha for kind information and necessary action.


MEMBER SECRETARY

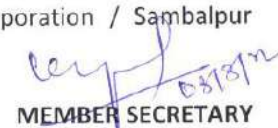
Memo No. 3378(3) /dt. 04.3.2022

Copy forwarded to the Revenue Divisional Commissioner, Central Division, Cuttack / Revenue Divisional Commissioner, Northern Division, Sambalpur/ Revenue Divisional Commissioner, Southern Division, Berhampur for kind information and necessary action.


MEMBER SECRETARY


Memo No. 3379(5) /dt. 04.3.2022

Copy forwarded to the Commissioner, Bhubaneswar Municipal Corporation / Cuttack Municipal Corporation / Rourkela Municipal Corporation / Berhampur Municipal Corporation / Sambalpur Municipal Corporation for kind information and necessary action.


MEMBER SECRETARY

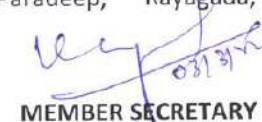
Memo No. 3380(109) /dt. 04.3.2022

Copy forwarded to the Executive Officer of all Municipalities and NACs for kind information and necessary action.


MEMBER SECRETARY

Memo No. 3381(13) /dt. 04.3.2022

Copy forwarded to the Regional Offices of State Pollution Control Board, Angul, Balasore, Bhubaneswar, Berhampur, Cuttack, Jharsuguda, Kalinganagar, Keonjhar, Paradeep, Rayagada, Rourkela, Sambalpur and Koraput for information and necessary action.


MEMBER SECRETARY



FAX : 2562822/2560955
TEL : 2564033/2563294
EPABX : 2561909/2562847
E-mail : paribesh1@ospboard.org
Website : www.ospcboard.org

Annexure-2

STATE POLLUTION CONTROL BOARD, ODISHA

[DEPARTMENT OF FOREST, ENVIRONMENT AND CLIMATE CHANGE, GOVERNMENT OF ODISHA]
Paribesh Bhawan, A/118, Nilakanthanagar, Unit-VIII,
Bhubaneswar – 751 012

No. 15235

Dt. 24.08.2022

VI-SC(LEM)Proj.64 (Vol II) /22-23

To

All Collectors and District Magistrates
Odisha

Sub : Effective implementation of the "Odisha Prevention and Control of Water Pollution (Procedure for immersion of idols after Pujas) Rules, 2021"-reg

Ref : (1) This Office letter No. 3369 dated 04.3.2022
(2) This Office letter No. 10216 dated 10.6.2022

Sir,

In inviting a reference to above cited letters, this is to inform that the Central Pollution Control Board (CPCB) has directed to implement the "Revised Guidelines for Immersion of Idols- May 12, 2020" with effect from 01.01.2021. The guideline posted in Board's website may be downloaded using the weblink http://ospcboard.org/wp-content/uploads/2020/06/295_1589273986_mediaphoto24365.pdf for kind information. Further, the State Government of Odisha has framed "Odisha Prevention and Control of Water Pollution (Procedure for immersion of idols after Pujas) Rules, 2021" vide Gazette Notification No. 17937 dated 04.10.2021. Copy of the said Rule may be downloaded from the Board's website (<http://ospcboard.org/wp-content/uploads/2022/02/1741-F-E-Idol-Immersion-Rule-by-Odisha.pdf>). The date of effective of implementation of the Rule was from its date of publication in the Odisha Gazette i.e. 14.10.2021.

In this regard, it has been requested vide above referred letters to take proactive action to create awareness among the idol makers, puja committee organizers and public to use idols made up of natural clay and coloured with eco-friendly natural dyes/ colours, immersion of idols in temporary immersion ponds.

As the pujas involving idols will start from the end of the month of August, 2022, kind action may be taken for strict implementation of the said Rules and submit the action taken report within one month after completion of each Puja.

As the matter is also viewed by the Hon'ble National Green Tribunal in the matter of OA 673 of 2018 (More river stretches are Polluted), timely submission of Action Taken Reports in this regard will be highly appreciated.

Encl : As above

Yours sincerely,


MEMBER SECRETARY

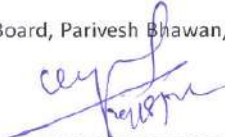
Contd..



-2-

Memo No. 15236 /dt. 24.08.2022

Copy forwarded to Sri A. Sudhakar, Divisional Head, WQM-I, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi 110032 for kind information.


MEMBER SECRETARY

Memo No. 15237 /dt. 24.08.2022

Copy forwarded to the Director, Env.-cum-Spl. Secy. To Government, Forest, Environment and Climate Change Department, Govt. of Odisha for kind information and necessary action.


MEMBER SECRETARY

Memo No. 15238 /dt. 24.08.2022

Copy forwarded to the Principal Secretary, H & UD Department, Govt. of Odisha for kind information and necessary action.


MEMBER SECRETARY

Memo No. 15239(5) /dt. 24.08.2022

Copy forwarded to the Commissioner, Bhubaneswar Municipal Corporation / Cuttack Municipal Corporation / Rourkela Municipal Corporation / Berhampur Municipal Corporation / Sambalpur Municipal Corporation for kind information and necessary action

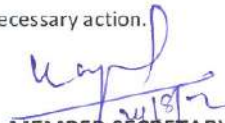
Encl : As above


MEMBER SECRETARY

Memo No. 15240 /dt. 24.08.2022

Copy forwarded All Executive Officer, Municipalities and NACs for kind information and necessary action.

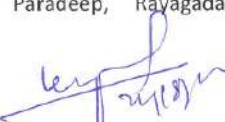
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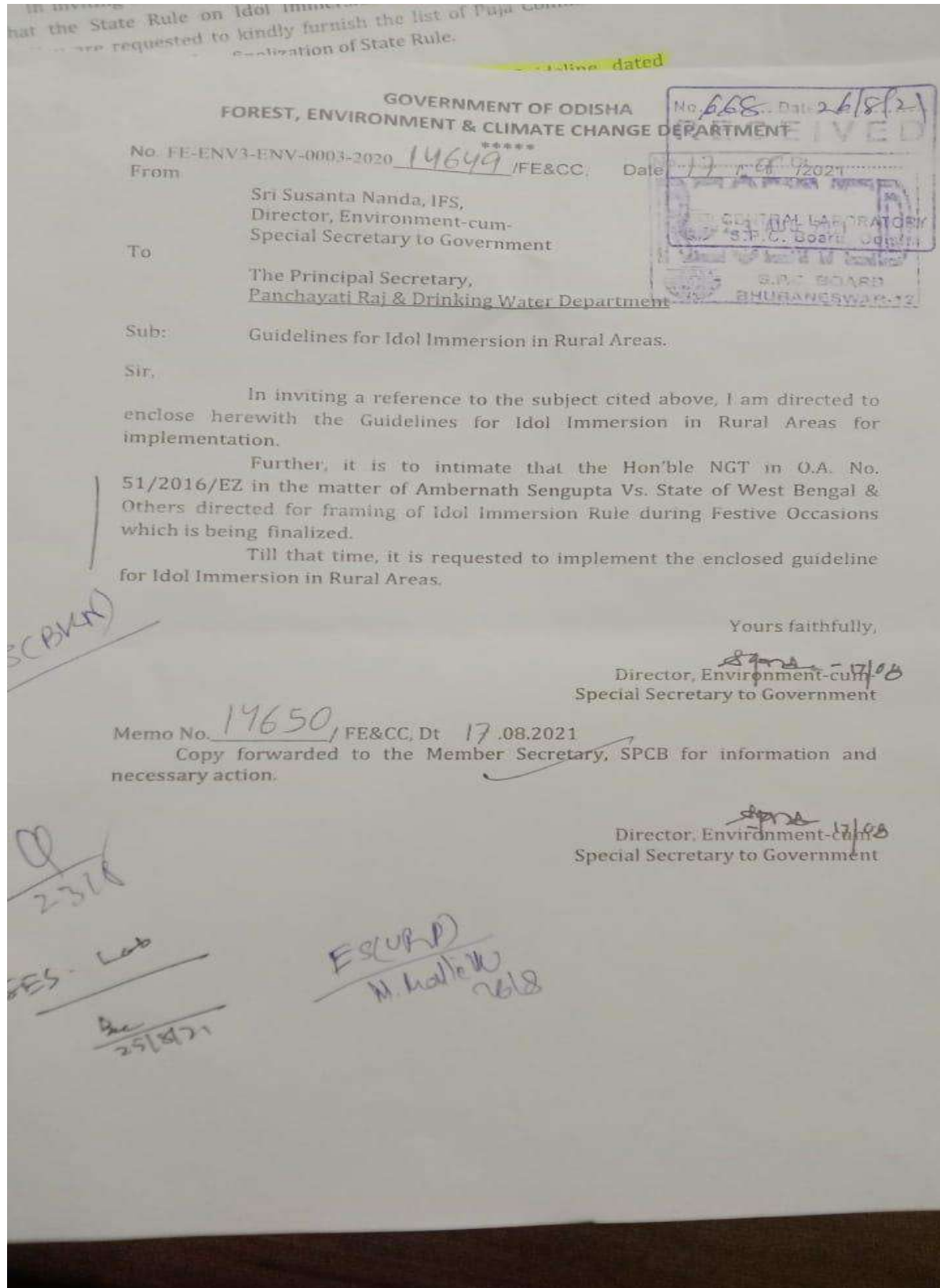

MEMBER SECRETARY

Memo No. 15241(14) /dt. 24.08.2022

Copy forwarded to the Regional Officers of State Pollution Control Board, Odisha at Angul, Balasore, Balangir, Bhubaneswar, Berhampur, Cuttack, Jharsuguda, Keonjhar, Koraput, Kalinganagar, Paradeep, Rayagada, Rourkela and Sambalpur for kind information and necessary action.

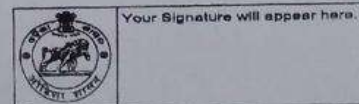
Encl : As above


MEMBER SECRETARY




GUIDELINES FOR IDOL IMMERSION IN RURAL AREAS

- i. Idols made up of only natural, bio-degradable, eco-friendly raw materials, without any toxic ingredients should be encouraged / allowed. Idols made up of Plaster of Paris (PoP) shall be banned.
- ii. Use of Single use plastic and the thermocol materials shall not be permitted.
- iii. Use of toxic and non-biodegradable chemical dyes/ oil paints for painting idols are to be strictly prohibited.
- iv. For beautification of idols, removable and washable decorative clothes, made only with natural materials and dyes shall be used in place of disposable materials.
- v. As far as possible, low height and eco-friendly idols should be used for offering poojas to avoid impact on environment.
- vi. Biodegradable plates may be used in place of single use plastic and polystyrene, for Prasad distribution and other purposes.
- vii. Worship materials and decorating materials should be removed before immersion.
- viii. Instead of immersion of idols in water bodies, villages should be encouraged to create temporary ponds/ tanks of suitable size and adequate capacity.
- ix. The temporary 'Idol immersion Ponds/Tanks, with the liner made with well graded/ highly impervious clay or eco synthetic lines, should be arranged on the banks of rivers or stagnant water.
- x. Lime or alum or any other equivalent coagulant should be added in designated temporary lined pond/ tank as pre-treatment.
- xi. Waste collection center in the vicinity of the designated temporary/ artificial idol immersion sites or locations are to be arranged for ensuring collection of segregated materials.





Tel : 0671-2314255
E-mail: rospeb.cuttack@ospeboard.org
Website: www.ospeboard.org

**OFFICE OF THE REGIONAL OFFICER, CUTTACK**
STATE POLLUTION CONTROL BOARD, ODISHA
[DEPARTMENT OF FOREST & ENVIRONMENT, GOVERNMENT OF ODISHA]
586, SURYAVIHAR, LINK ROAD CUTTACK-753012

No. 2103 / (RO/ CTC/ LAB-05) Date. 03.11.2022
To
The Member Secretary,
State Pollution Control Board, Odisha,
A/118, Nilakantha Nagar, Unit- VIII, Bhubaneswar

Sub: Submission of action taken report in compliance to the "Odisha Prevention and Control of Water Pollution (Procedure for immersion of idols after Pujas) Rules, 2021" during **Ganesh Puja & Dushera Festival, 2022**– reg.

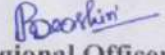
Ref: Your Letter No. 15393 dtd. 05.10.2021 & Letter No.19938, dtd.28.10.2022 of VI-Sc (LEM) – Proj-64 (Vol-III) / 22-23.

Sir,

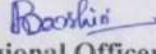
In inviting reference to the subject cited above, please find enclosed herewith the action taken report in compliance to the "Odisha Prevention and Control of Water Pollution (Procedure for immersion of idols after Pujas) Rules, 2021" during **Ganesh Puja & Dushera Festival, 2022** in Cuttack City.

ok

This is for your kind information and necessary action.

Yours faithfully

Regional Officer

Memo No 2104 Dt. 03.11.2022
Copy forwarded to Addl. Chief. Env. Scientist (L), Central Laboratory, State Pollution Control Board, Odisha, Plot No—B-59/2 and 59/3, Chandaka Industrial Estate, Patia, Bhubaneswar for kind information.


Regional Officer

**ACTION TAKEN REPORT IN COMPLIANCE TO ODISHA
PREVENTION OF WATER POLLUTION (PROCEDURE FOR
IMMERSION OF IDOL AFTER PUJAS) RULES, 2021 DURING GANESH
PUJA AND DUSHERA FESTIVAL, 2022 IN CUTTACK CITY**

Idol immersion has contributed a significant role in water pollution of Rivers, Nallas and other water bodies. To regulate the issue, many significant steps have been taken by the Central and State Government. Central Pollution Control Board (CPCB) has published guideline on Idol immersion for immersion of Idols in the festive occasion. Further, the guideline has been revised on dated 12.05.2020

Based on the aforesaid guideline and as per the Letter No.15871, dt. 30.08.2022 of SPC Board, Odisha, Bhubaneswar, the Regional Office, State Pollution Control Board, Cuttack had carried out water quality monitoring of rivers to assess the pollution loads on water bodies due to immersion of idols during **Ganesh Puja** and **Durga Puja Festival, 2022** of Cuttack City.

For the **Festival of Ganesh Puja, 2022**, Cuttack Municipal Corporation (CMC), Cuttack had constructed 11 no of temporary ponds for immersion of idols at Kahannagar Balighat, Nuapada Balighat, Abhiram Math Nuapada, Nehrupali, Jobra Dasatutha, Matyamath, Kartikeswar gada, Chahata, Brajabiharipur, Devigada & Gopalpur as informed by CMC and verified .

For the **Festival of Dushera, 2022**, the Cuttack Municipal Corporation (CMC), Cuttack had constructed 03 no of temporary ponds at Devigada, Purigahat for immersion of idols as observed.

As observed during Water Quality Monitoring, the temporary ponds were provided with HDPE liner, Hoarding Board and approach road for easy access to the temporary immersion site.

During immersion of idols of **Ganesh Puja, 2022** most of the idols were immersed in the temporary ponds available at Devi Gada near Puri Ghat of Kathjori River and very less no of idols were immersed in the temporary immersion ponds made at other locations of Cuttack City, as mentioned above. Photographs of the idol immersion ponds are attached as **(Annexure-I)**.

Cont...

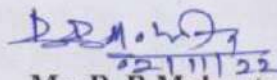
As information received from CMC all the idols of **Dushera Festival, 2022** were immersed in the temporary ponds available at Devi Gada near Puri Ghat of Kathjori River. Photographs of the idol immersion ponds are attached as **(Annexure-II)**. After immersion, immediately, the left over material from the temporary immersion ponds were observed to be removed by Dozer and loaded to the Tractor of Municipality for final disposal at the designated Municipal dump site. Further, it was observed that the temporary pond water was cleaned by adding lime.

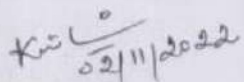
Water Quality Monitoring carried out as per the guideline

The Officials of the Regional Office, SPCB, Odisha, Cuttack had collected water samples from rivers i.e Up stream - 100m up from temporary pond, immediate of temporary pond, Downstream - 100m down from temporary pond and further downstream of river Kathajori and Mahanadi during **Ganesh Puja**, in three stages, on pre idol immersion (dt.03.09.2022), during idol immersion (dt.12.09.2022) and post idol immersion after 3rd (dt. 15.09.2022), 5th (dt.17.09.2022), 7th (dt.19.09.2022) & 9th (dt.21.09.2022) day of the immersion and submitted the samples to Central Laboratory, SPC Board at Patia, Bhubaneswar for analysis of following parameters.

pH, O, Colour, BOD, COD, Conductivity, Turbidity, TDS, Chloride, TSS, Hardness, Total Alkalinity and Metals (Such as Chromium, Lead, Zinc, Copper, Cadmium, Mercury, Antimony, Barium, Cobalt, Manganese, Strontium).

Similarly, water sampling was carried out only for river Kathajori i.e Up stream - 100m up from temporary pond, immediate of temporary pond, Downstream - 100m down from temporary pond and further downstream of river Kathajori during **Durga Puja** in three stages, on pre idol immersion (dt.29.10.2022), during idol immersion (dt.07.10.2022) and post idol immersion after 3rd (dt. 10.10.2022), 5th (dt.12.10.2022), 7th (dt.14.10.2022) & 9th (dt.16.10.2022) day of the idol immersion and submitted the samples to Central Laboratory, SPC Board at Patia, Bhubaneswar for analysis of aforesaid parameters.


22/11/22
Mr. B. B Mohanty
(Asst. Scientific Officer)


22/11/22
Mrs. K.M. Bihari
(Dy. Env. Scientist)

Annexure-II

PHOTO OF IDOL IMMERSION, DUSHERA, 2022, CUTTACK



Annexure-II

PHOTOS OF IDOL IMMERSION, GANESH PUJA, 2022, CUTTACK





Annexure-5

Tel.: 06782-244110

Website: www.ospcbboard.org

E-mail: rospcb.balasore@ospcbboard.org



REGIONAL OFFICE, BALASORE
STATE POLLUTION CONTROL BOARD, ODISHA
(FOREST, ENVIRONMENT & CLIMATE CHANGE DEPT., GOVT. OF ODISHA)
Plot No.1602, Ganeswarpur, Balasore – 756019

No. 2338 /Estt. 232

Dt. 01-11-2022
By E-mail/Speed Post

To,

The Member Secretary
State Pollution Control Board, Odisha
Bhubaneswar

Sub: Effective implementation of the "Odisha Prevention and Control of Water Pollution (Procedure for Immersion of Idol after Pujas) Rules, 2021" – Reg.

Ref. Your letter No.19938, dt.28.10.2022

Sir,

With reference to the above, kindly find the enclosed details of action taken report for effective implementation of the "Odisha Prevention and Control of Water Pollution (Procedure for Immersion of Idol after Pujas) Rules, 2021 for information and necessary action.

Encl: As above

Yours faithfully,


Regional Officer

A BRIEF ACTION TAKEN REPORT ON IDOL IMMERSION IN BALASORE MUNICIPALITY, BARIPADA MUNICIPALITY AND BHADRAK MUNICIPALITY OF BALASORE, MAYURBHANJ AND BHADRAK DISTRICT IN THE YEAR 2022-23.

Idol immersion has contributed a significant role in water pollution of rivers, nallas and other water bodies. To regulate the issue, many significant steps have been taken by the Central and State Government. Further, CPCB has published guideline on Idol immersion and a revised guideline dated 12.05.2020 has been published for immersion of Idols during ensuing festivals. Further, Government of Odisha has framed a rule i.e. The Odisha Prevention and Control of Water Pollution (Procedure for immersion of idol after Pujas) Rules, 2021 vide notification no. 17937, dated 04.10.2021 in compliance of O.A. No. 51/2016 (EZ) titled as "Ambernath Sengupta Vs the State of West Bengal & Ors".

State Pollution Control Board, Bhubaneswar had communicated with all the Collector & District Magistrate and requested for implementation of the "Odisha Prevention and Control of Water Pollution (Procedure for immersion of idol after Pujas) Rules, 2021". vide letter no. 15235, dtd 24.08.2022 and also communicated to the Executive officers of the municipalities vide memo no. 15240 dated 24.08.2022. and requested to submit the action taken report w.r.t. the guidelines of "Odisha Prevention and Control of Water Pollution (Procedure for immersion of idol after Pujas) Rules, 2021".

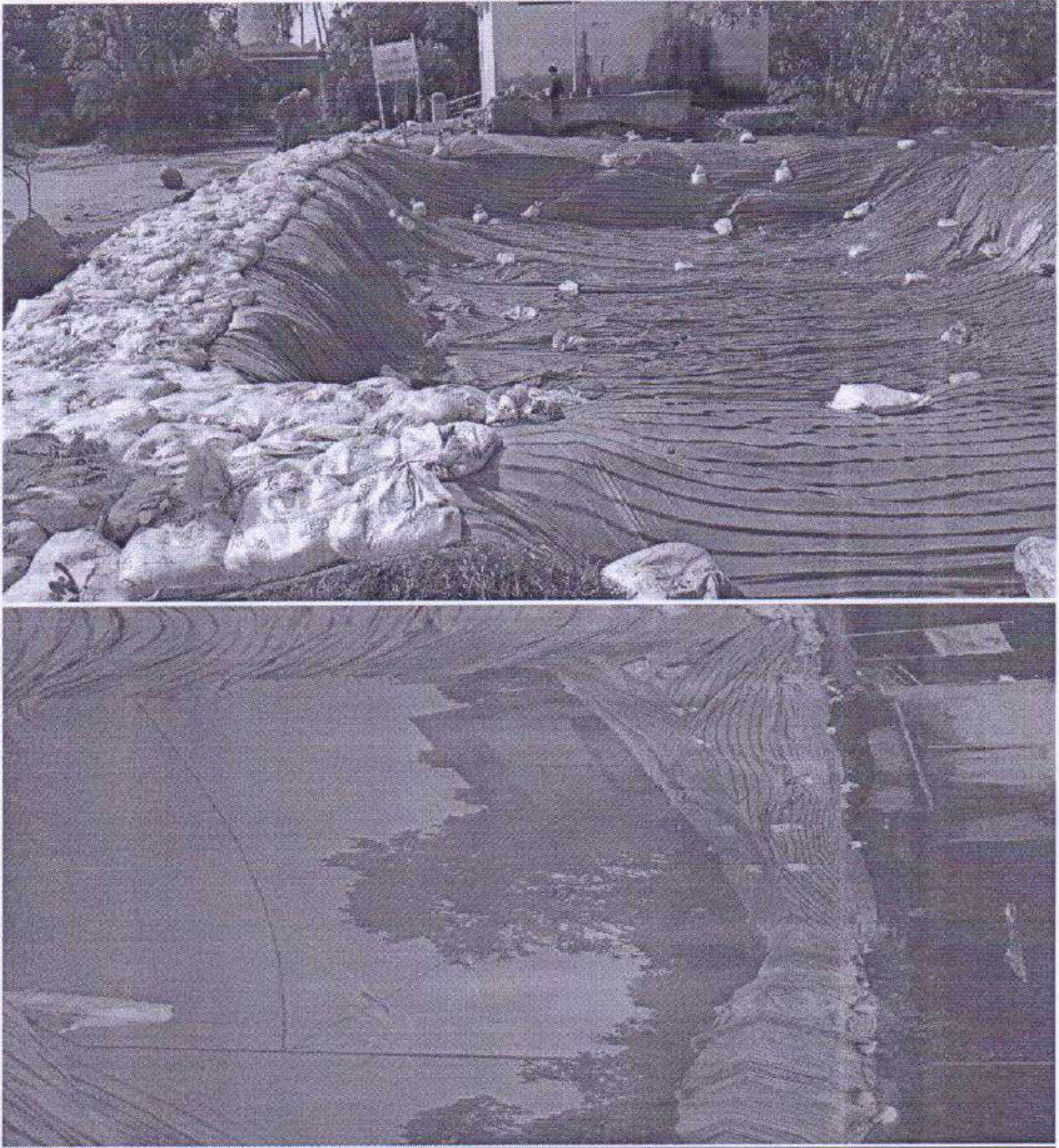
In compliance to the aforementioned Guidelines & Rules prepared by the Central Pollution Control Board, Delhi & Govt. of Odisha, on practice of Idol Immersion, the Balasore Municipality, Baripada Municipality and Bhadrak Municipality were constructed the Artificial Ponds for ensure implementation of the said Guidelines & Rules for idol immersion in the festive occasion such as Durga Puja, Kali Puja, Laxmi Puja etc.

ACTION TAKEN BY BALASORE MUNICIPALITY

Balasore Municipality, was constructed 01 number of Artificial Pond at Balighat near the bank of River Budhabalanga. As informed by the Municipality authority Balasore, the dimension of the artificial pond was as follows,

- 01.Length-21m
- 02.Breadth-18m
- 03.Depth-3m.

The photographs of the artificial idol immersion pond of Balasore Municipality are given below. The nos. of idol immersed in the artificial pond is not available with the Municipality.







Artificial idol immersion Pond constructed by Balasore Municipality

ACTION TAKEN BY BARIPADA MUNICIPALITY

The Baripada Municipality, was constructed 01 number of Artificial Pond at Madhubana (Astia) near the bank of River Budhabalanga. As informed by the Municipality authority Baripada, the dimension of the artificial pond was as follows,

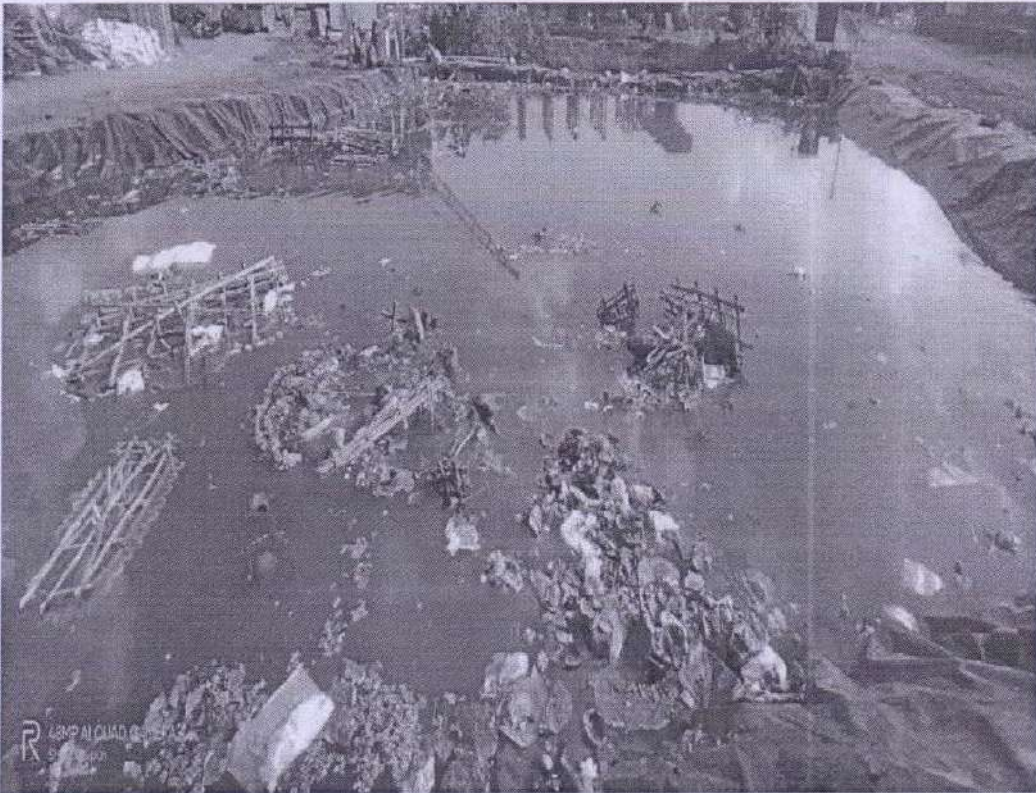
01.Length-65ft.

02.Breadth-65ft.

03.Depth-10ft.

The photographs of the artificial idol immersion pond of Baripada Municipality are given below. The nos. of idol immersed in the artificial pond is not available with the Municipality:







Artificial idol immersion Pond constructed by Baripada Municipality

ACTION TAKEN BY BHADRAK MUNICIPALITY

The Bhadrak Municipality, was constructed 02 number of Artificial Pond near River Salandi. As informed by the Municipality authority Bhadrak, the dimension of the artificial ponds were equal which were as follows:



01. Length-50ft.
02. Breadth-15ft.
03. Depth-10ft.

The Bhadrak municipality has provided only one no of photograph of the artificial idol immersion pond. The nos. of idol immersed in the artificial ponds is not available with the Bhadrak Municipality.


Er. Manmohan Murmu
Regional Officer



Tel:9438883908

Email: rospcb.bolangir@ospboard.org

Website: www.ospboard.org



OFFICE OF THE REGIONAL OFFICE, BALANGIR
STATE POLLUTION CONTROL BOARD, ODISHA
[DEPARTMENT OF FOREST & ENVIRONMENT, GOVERNMENT OF ODISHA]
Koshal Chowk, Palace Lane, Balangir -767001

No.../11/11...../ Misc/10

Date 11.05.2024

"By e-mail"

From:

Er. Babita Singh
Regional Officer

To,

The **Member Secretary**,
State Pollution Control Board, Odisha
Paribesh Bhawan, A/118, Nilakanthanagar, Unit-VIII,
Bhubaneswar-751012

Sub: Submission of action taken on effective implementation of the "Odisha Prevention and Control of Water Pollution (Procedure of Immersion of Idol after Pujas) Rules,2021 reg

Ref: Head Office Letter No.19938(14) dt.28.10.2022

Sir,

In inviting a reference to the above , please find enclosed herewith the action taken by M/s.Balangir Municipality under jurisdiction of Regional Office,Balangir on effective implementation of the "Odisha Prevention and Control of Water Pollution (Procedure of Immersion of Idol after Pujas) Rules,2021 .

This is for your kind information and necessary action.

Yours faithfully

Encl: As above


Regional Officer

Implementation of the guideline prepared by CPCB on Practice of Idol Immersion by Regional Office, Bolangir

Name of the District	Name of the ULB	Nos. And Size of immersion Pond	Nos. Of Idol Immersed
Balangir	Balangir Municipality	<ul style="list-style-type: none"> ◆ Tulsinagar, Circuit House Road of Balangir: The construction of temporary pond having bamboo bunds and laying of synthetic liner were undertaken by the Balangir Municipality . ◆ Size of the pond 60ft x 50M x 4ft 	18

M/s. Balangir Municipality has provided one no of Artificial Pond for immersion of idols during Durga Puja and after immersion they have disinfected the water by adding Lime and bleaching powder and then discharged to municipality drain.



Idol Immersion Pond with synthetic liner provided by *Balangir* Municipality


Regional Officer



OFFICE OF THE
MUNICIPAL COUNCIL, KEONJHARGARH

At/P.O.-Keonjhar, Dist.-Keonjhar, Odisha, Pin-758001
Phone/Fax: (06766) 255413, E-mail:-keonjharm.hud@rediffmail.com

Letter No 8348/KGM

Date 11.11.2022

To

The Member Secretary,
State pollution Control Board, Odisha
Paribesh Bhawan, A/18, Nilakantha Nagar,
Unit-VIII, Bhubaneswar-751012.

Sub- Effective implementation of the Odisha prevention and control of water pollution
(procedure for immersion of idols after puja) rules, 2021 reg.

Ref: - Your memo No- 19941 dt-18.10.2022.

Sir,

With reference to the memo on the subject cited above, I am to inform you that Nuapokhari in Ward No-5 was identified as idols immersion spot and all the members of different Puja committees were instructed to obey the guidelines as well as were instructed to undertake immersion of idols in the identified spot. Necessary steps were also taken by Keonjhar Municipality for cleaning and site development of the pond and other sanitation work of the pond site to make it usable as per guidelines. Idols immersion was made as per guideline under the direct supervision of Executive Officer, Keonjhar Municipality and other administrative officials.

This is for favour of your kind information .

Yours Faithfully,

Encl:- 1-Photos of cleaning and site development
2-Photos of Idols immersion.


Executive officer

Keonjhar Municipality

Dt- 11.11.2022

Memo No- 8349 /KGM

Copy submitted to the Regional Officer, State Pollution Control Board, Baniapat, Keonjhar for information & necessary action.


Executive Officer

Keonjhar Municipality

Dt- 11.11.2022

Memo No- 8350 /KGM

Copy submitted to the Collector & District Magistrate Keonjhar for kind information & necessary action.


Executive Officer

Keonjhar Municipality

11/11/2022



Annexure-8**OFFICE OF THE NOTIFIED AREA COUNCIL, BANKI**No. 2965 / Date 27/11/22

To

State Pollution Control Board, Odisha
Bhubaneswar.**Sub:- Effecting implementation of the "Odisha prevention and control of water pollution immersion of idol after pujas.**

Ref:- Your letter No-19938(14), Date-28.10.2022.

Sir,

With reference to the subject cited above, effective measures has been taken like splitting of bleaching powder near the Covid Care house where all idols are immersed and artificial pond was made by polythene for the immersion of idols of 4ft depth of Banki NAC area.

This is for kind information.

WGP
27/11/22
for Executive Officer
Executive Officer
NAC, Banki

Tel : 06792-252703
Website : www.baripadamunicipality.in
e-mail : baripadam.hud@nic.in



**OFFICE OF THE BARIPADA MUNICIPALITY
BARIPADA, MAYURBHANJ- 757001**

No. 8061 / Date 01.11.2022

To

The Member Secretary,
State Pollution Control Board, Odisha,
Paribesh Bhaan , A/118 , Nilakanthanagar,
Unit-Viii, Bhubaneswar, Pin-751012

Sub- Effecting implementation of the "Odisha Prevention and control of water
Pollution (Procedure for immersion of idol after pujas) Rues, 2021.

Ref- Letter no. 19938 (14) dt. 28.10.2022

Sir,

In Inviting reference to the letter on the subject cited above, I am to say that peace committee meeting was held on 12.09.2022 under the Chairmanship of Sub-Collector, Baripada. All concerned officers were also participated in the meeting. In the above meeting, it was decided that there will be no immersion procession and the immersion will be made in the day time in the artificial pond created by Baripada Municipality at the riverbank of Budhabalanga near Madhuban Talasahi.

The decision taken in the meeting has been implemented and no dislocation pointed out. Temporary pond measuring 65' X 65' created by Baripada Municipality at Madhuban Talasahi at the river bank of Budhabalanga covering cable polythene inside it and the pond was filled with water by 2 nos. of 0.5 HP Diesel Pumps. Photographs of each stage were taken and enclosed herewith for kind reference.

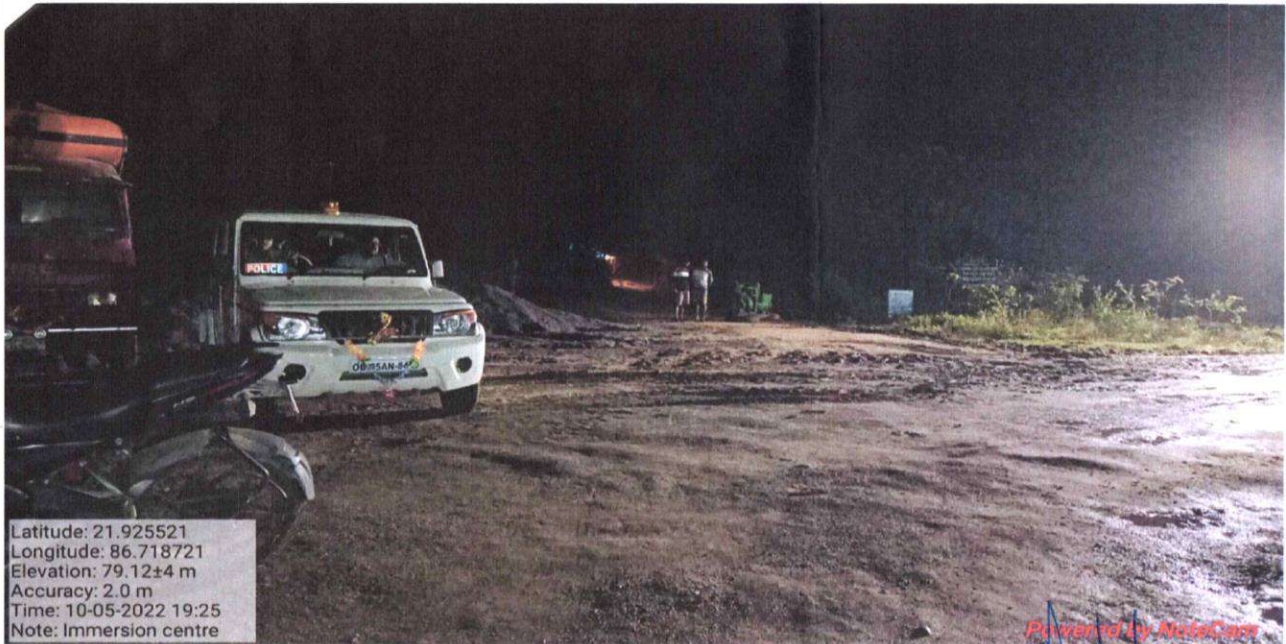
The same procedure has been followed during Laxmipuja and Kali Puja and other festivals similar procedure have been followed.

Yours faithfully


Executive Officer,
Baripada Municipality

ENCL.-AS ABOVE


01/11/22



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Executive Officer
Baripada Municipality



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Baripada Municipality



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Baripada Municipality



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Baripada Municipality



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Executive Officer



[Signature]
Executive Officer
Baripada Municipality



E-mail: rospcb.berhampur@ospboard.org

Website: www.ospboard.org

REGIONAL OFFICE OF THE
STATE POLLUTION CONTROL BOARD, ODISHA
[DEPARTMENT OF FOREST, ENVIRONMENT & CLIMATE CHANGE, GOVERNMENT OF ODISHA]
2nd Floor, New Division Office, IDCO, Berhampur Division,
Industrial Estate, Berhampur, Dist- Ganjam - 760008, Odisha, India

No. 3425 / Legal (Misc)-01/2015

Dt. 02/11/2022
E-despatch/E-mail

To

The Additional Chief Environmental Scientist,
Central Laboratory,
State Pollution Control Board, Odisha,
Plot No.B-59/2 & 3, Chandaka Industrial Estate, Patia,
Bhubaneswar-751024

Sub: Submission of Action taken report on effective implementation of the "Odisha Prevention and Control of Water Pollution (Procedure for Immersion of Idol after Pujas) Rules, 2021" during festive season 2022- reg.

Ref: - Head Office letter no. 19938(14) dtd. 25.10.2022.

Sir,

With reference to the above, the action taken report on effective implementation of the "Odisha Prevention and Control of Water Pollution (Procedure for Immersion of Idol after Pujas) Rules, 2021" during festive season 2022 is enclosed for favour of kind information and necessary action.

Encl: As above

Yours faithfully,


REGIONAL OFFICER

ଭସାଣିରେ ଅବ୍ୟବସ୍ଥା: ଭୂଠରେ ଥୁଆ ହେଲା ମୂର୍ତ୍ତି

ବ୍ରହ୍ମପୁର, ୧୯ (ସ.ପ୍ର): ବ୍ରହ୍ମପୁର ସହରରେ ଗଣେଶ ମୂର୍ତ୍ତିକୁ ପୋଛା ପୂଜା ଆୟୋଜକମାନେ ହେଉଛି । ବିଭିନ୍ନ ମଣ୍ଡପରେ ପୂଜା ପାଉଛନ୍ତି ଅନ୍ତର୍ଭୁକ୍ତ । ତେବେ ଘରେ, ଶିକ୍ଷାନୁଷ୍ଠାନ ଏବଂ ଅନ୍ୟାନ୍ୟ ପ୍ରତିଷ୍ଠାନରେ ଯେଉଁମାନେ ଶ୍ରୀ ଗଣେଶ ପୂଜା କରୁଥିଲେ, ସେମାନେ ଆଜିଠାରୁ ଭସାଣି ଆରାଧ୍ୟ କରିଦେଲେଣି । ପ୍ରତି ବର୍ଷ ବ୍ରହ୍ମପୁର ମହାନଗର ନିଗମ(ବିଏମସି) ତରଫରୁ ମୂର୍ତ୍ତି ଭସାଣି ପାଇଁ ଅସ୍ଥାୟୀ ପଖୋରା ନିର୍ମାଣ କରିଥାନ୍ତି । ସେତେବେଳେ ବହିତ ବର୍ଷ ଅସ୍ଥାୟୀ ପଖୋରା ନିର୍ମାଣ କରାଯାଇଥିବାରୁ ନାନା ଅବ୍ୟବସ୍ଥା ଦେଖିବାକୁ ମିଳିଛି । ପୋଖରୀ ଭିତରେ ମୂର୍ତ୍ତି ବିସର୍ଜନ ପାଇଁ ବାରାଣସୀ ହୋଇଥିବା ଯୋଗୁଁ ଭୂଠରେ ମୂର୍ତ୍ତି ଚର୍ଖିଦେଇ ଆୟୋଜକମାନେ ଚାଲି ଯାଉଥିବା ଦେଖିବାକୁ ମିଳିଛି ।



ପାଇଁ ପୂଜା ପଞ୍ଚାଙ୍କ ପ୍ରସ୍ତୁତ କରାଯାଇଛି । ନିର୍ମାଣ ହେଉଥିଲା । କିନ୍ତୁ କେତେ ବର୍ଷ ଏଥିରେ ଅନେକ ସ୍ଥାନରେ ଭସାଣି ମଧ୍ୟ ଆରାଧ୍ୟ ହୋଇଗଲାଣି । ଦୂର୍ବଳ ସାଧାରଣତଃ ନିକଟସ୍ଥ ପଖୋରାରେ ସମସ୍ତେ ମୂର୍ତ୍ତି ବିସର୍ଜନ କରୁଥିଲେ । ନ୍ୟାସନାଳ ଗ୍ରାମ୍ ସ୍ତମ୍ଭାବଳୀର ନିଦେଶ ପରେ ଅସ୍ଥାୟୀ ପୋଖରୀ ନିର୍ମାଣ କରାଯାଇଛି । ବିଏମସି ତରଫରୁ ପ୍ରତି ବର୍ଷ ଗୋଷ୍ଠୀର ମହିଳାମାନେ ପୋଖରୀକୁ ଭର୍ତ୍ତି ରହିଛନ୍ତି । ସେହିମାନେ ବିସର୍ଜନ ପାଇଁ ଆମୁଆ, ଆଙ୍କୁଳି, ଫାଟୁରେ ଆଦି ସ୍ଥାନରେ ପୂଜା ପୋଖରୀ ନିର୍ମାଣ କରୁଛନ୍ତି । ଫଳରେ

ପୋଖରୀ ଭୂଠରେ ଥୁଆ ଗଛ ତଳେ ଶହ ଶହ ଗଣେଶ ମୂର୍ତ୍ତିକୁ ପୋଛା ପୂଜା ଆୟୋଜକମାନେ ଚାଲି ଯାଉଛନ୍ତି । ସହରର ଗୋସାଇଁନୁଆଣା, ଚୋଟଚଟାଳ, ଆଙ୍କୁଳି, କମାପଲ୍ଲୀ, ବିଜିପୁରା, ଗୋଲାପଲ୍ଲୀ ପୋଖରୀ ସମେତ ସବୁଆଡ଼େ ଏତକି ଚିତ୍ର ଦେଖିବାକୁ ମିଳୁଛି । ଏକ ସୁନ୍ଦର ସହାୟିକା ଗୋଷ୍ଠୀ କଣେ ସଦସ୍ୟଙ୍କୁ କହିବାନୁଯାୟୀ, ମୂର୍ତ୍ତି ପକାଇବା ପାଇଁ କାହାକୁ ମଧ୍ୟ ଅନୁମତି ଦିଆଯାଇ ନାହିଁ । ମୂର୍ତ୍ତିଗୁଡ଼ିକ ପୋଖରୀ ଭୂଠରେ ରଖାଯାଇଛି । ବିଏମସିର ସଫେଇ କମିଟୀରାମାନେ ଆସି ଚାହାକୁ ନେଇ ଅନ୍ୟତ୍ର ବିସର୍ଜନ କରିବାକୁ ଚାହାନ୍ତି । ଅନ୍ୟପଟେ ଅସ୍ଥାୟୀ ପୋଖରୀ ନିର୍ମାଣରେ ବିଳମ୍ବ ହେଉ ନେଇ ଅନେକ ପୂଜା କମିଟିର କର୍ମକର୍ତ୍ତା ଅସନ୍ତୋଷ ପ୍ରକାଶ କରିଛନ୍ତି । ଏ ସମ୍ପର୍କରେ ବିଏମସିର ଏକପୋର୍ଟମେଣ୍ଟ ଅଧିକାରୀ ଚନ୍ଦ୍ରଶେଖରଙ୍କ ସହ ଯୋଗାଯୋଗ କେଲେ ସେ କହିଛନ୍ତି ଯେ, ଅସ୍ଥାୟୀ ପୋଖରୀ ନିର୍ମାଣ ଆରାଧ୍ୟ କରାଯାଇଛି । ନିର୍ମାଣ ହେବା ପରେ ସେଠାରେ ମୂର୍ତ୍ତି ବିସର୍ଜନ କରାଯାଇପାରିବ ବୋଲି ସେ ପ୍ରକାଶ କରିଛନ୍ତି ।

The Seamej (Bex&campus Edition)
Page No. 9, Dtd- 03-09-2022

ସମ୍ବାଦ

ବନ୍ଧ ଜଗିଲେ ଏସ୍‌ଏଚ୍‌ଜି ମହିଳା, ମୂର୍ତ୍ତି ବିସର୍ଜନକୁ ବାରଣ କଲେ

ବ୍ରହ୍ମପୁର, ୪।୯(ଉମିସ): ଗଣେଶ ପୂଜା ପରେ ଏବେ ମୂର୍ତ୍ତି ବିସର୍ଜନ ପାଇଁ ସମସ୍ତେ ବନ୍ଧମୁହାଁ। ବନ୍ଧରେ ବିସର୍ଜନକୁ ରୋକିବା ପାଇଁ ଏବେ ଅଣ୍ଟା ଭିଡ଼ିଛନ୍ତି ସ୍ୱୟଂ ସହାୟିକା ଗୋଷ୍ଠୀ। ସକାଳୁ ସନ୍ଧ୍ୟା ପର୍ଯ୍ୟନ୍ତ ତୁଳା ଜଗିଛନ୍ତି। ସିଏ ବିସର୍ଜନ ପାଇଁ ମୂର୍ତ୍ତି ନେଇ ଆମୁଛି, ତା'କୁ ବାରଣ କରୁଛନ୍ତି। କେବଳ ପାଣିରେ ପ୍ରତିମାକୁ ବୁଡ଼ାଇ ନିକଟରେ ଥିବା ମନ୍ଦିରରେ ରଖିଦେବାକୁ କହୁଛନ୍ତି। ଏଥିପାଇଁ ପୂଜା ସାମଗ୍ରୀ ଗୁଡ଼ିକ ବନ୍ଧ ପାଣିରେ ପକାଇବାକୁ ଦେଉନାହାନ୍ତି। ପୂଜା ସାମଗ୍ରୀକୁ କେବଳ ପାଣିରେ ବୁଡ଼ାଇ ନିକଟରେ ଥିବା ତତ୍ସବିନ୍ଦରେ ପକାଇବାକୁ ପରାମର୍ଶ ଦେଉଛନ୍ତି। କିଛି ଅମାନ୍ୟ ମେମାନଙ୍କ କଥା ନ ଶୁଣି ବନ୍ଧରେ ବିସର୍ଜନ କରି ତାଲି ଯାଉଛନ୍ତି। ଏହାପରେ ସେହି ମହିଳାମାନେ ବିସର୍ଜିତ ପ୍ରତିମା ଏବଂ ପୂଜା ସାମଗ୍ରୀକୁ ବନ୍ଧରୁ ବାହାର କରିବାର ବ୍ୟବସ୍ଥା କରୁଛନ୍ତି। କେବଳ ସେତିକି ନୁହେଁ, ଗଡ଼କାଳି ଯେଉଁସବୁ ପ୍ରତିମା ଏହି ବନ୍ଧରେ ବିସର୍ଜନ କରାଯାଇଥିଲା, ଏବଂ ହୁଡ଼ାରେ ରହିଥିଲା, ସେଗୁଡ଼ିକୁ ଏକାଠି ରଖିଛନ୍ତି। ଏଭଳି ଛୋଟବଡ଼ ପ୍ରାୟ ୨ଶହ ପ୍ରତିମା ସଂଗ୍ରହ କରିଛନ୍ତି। ବିଜିପୁର ବନ୍ଧ ହୁଡ଼ାରେ ଆଜି ଏଭଳି ଦୃଶ୍ୟ ଦେଖିବାକୁ ମିଳିଛି। ଏହି ନିଆରା ପଦକ୍ଷେପ ନେଇଛନ୍ତି ବିଜିପୁର ଅଂଚଳର ତିନି ଏସ୍‌ଏଚ୍‌ଜି(ସ୍ୱୟଂ ସହାୟିକା ଗୋଷ୍ଠୀ)ର ମହିଳାମାନେ।

ଅଧିକ ରାହିଦା ରହିଥିଲା। ସ୍ଥାନୀୟ ପ୍ରଶାସନ ପକ୍ଷରୁ ଗଣେଶ ପୂଜା ପରେ ମୂର୍ତ୍ତି ବିସର୍ଜନ ନେଇ ପୂର୍ବପ୍ରସ୍ତୁତି ହୋଇ ନଥିଲା। ସେଥିପାଇଁ ବନ୍ଧ, ପୋଖରୀରେ ମୂର୍ତ୍ତି ବିସର୍ଜନ ଦେଖିବାକୁ ମିଳିଥିଲା। ମୂର୍ତ୍ତି ବିସର୍ଜନ ପରେ ପାଣି ପ୍ରଦୂଷିତ ହେଉଥିବା ଖବର ପ୍ରକାଶ ପାଇବା ପରେ ପ୍ରଶାସନ ଚେତୁରା। ପାଞ୍ଚୁଗୋଟ୍, ବିବେକବିହାର, ମାଳାଯାନଗର, ଆସ୍ମାରୋଡ଼ରେ ମୂର୍ତ୍ତି ବିସର୍ଜନ ପାଇଁ ଏବେ ଅସ୍ଥାୟୀ ପୋଖରୀର ବ୍ୟବସ୍ଥା



ଅଗ୍ରପୂଜ୍ୟଙ୍କ ଆରାଧନା ପାଇଁ ସହର ଉତ୍ସବମୁଖର ହୋଇପଡ଼ିଥିଲା। ଅଧିକାଂଶ ସାହି ଗଳିରେ ଅସ୍ଥାୟୀ ପୂଜା ମଣ୍ଡପ ସ୍ଥାପନ ହୋଇଥିବା ବେଳେ ଘରେ, ପୁାଠରେ ମଧ୍ୟ ଗଜାନନଙ୍କ ପୂଜାର୍ଚ୍ଚନା ହୋଇଥିଲା। ତେବେ ମାଟି ପ୍ରତିମା ଅପେକ୍ଷା ପ୍ଲାଷ୍ଟିକ୍ ଅଫ୍ ପ୍ୟାରିସ୍ ନିର୍ମିତ ପ୍ରତିମାର

କରାଯାଇଛି। ସଚେତନତା ଅଭାବରୁ ପୂର୍ବଭଳି ଆଜି ମଧ୍ୟ ବିଭିନ୍ନ ବନ୍ଧରେ ମୂର୍ତ୍ତି ବିସର୍ଜନ ହେଉଥିବା ଦେଖିବାକୁ ମିଳିଥିଲା। ତେବେ ବିଜିପୁର ବନ୍ଧରେ ଏହାକୁ ରୋକିବା ପାଇଁ ଏସ୍‌ଏଚ୍‌ଜି ମହିଳା ପ୍ରଶଂସନୀୟ ଉଦ୍ୟମ କରିଥିଲେ। ପ୍ରତିମା ଗୁଡ଼ିକୁ ନିକଟରେ ଥିବା ମା'କାଳୀଙ୍କ ମନ୍ଦିର ପରିସରରେ ଏକାଠି ରଖିଛନ୍ତି। ଆସନ୍ତାକାଳି ଏହାକୁ ଅସ୍ଥାୟୀ ପୋଖରୀରେ ପକାଇବା ପାଇଁ ବ୍ୟବସ୍ଥା କରିବେ ବୋଲି ପ୍ରକାଶ କରିଛନ୍ତି।



E-mail: rospcb.rourkela@ospceboard.oi

Website: www.ospceboard.oi

**REGIONAL OFFICE
STATE POLLUTION CONTROL BOARD, ODISHA,
(DEPARTMENT OF FOREST, ENVIRONMENT & CLIMATE CHANGE, GOVERNMENT
OF ODISHA)**

At-Near Hockey Chowk, P.O.-Panposh, Rourkela, Dist-Sundargarh-769004

No. 3113...../

Date. 2/11/2022

From

Dr. B. B. Dash,
Sr. Env. Scientist & Regional Officer

To

Member Secretary,
State Pollution Control Board, Odisha
Bhubaneswar

Sub: Submission of report on action taken on Effective implementation of the "Odisha Prevention and Control of Water Pollution (Procedure for immersion of idol after Pujas) Rules, 2021

Ref: SPCB, Odisha Letter No 19938(14)Dtd. 28.10.2022

Sir,

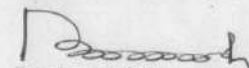
In inviting a reference to the above cited letter, this is to inform that the actions taken for effective implementation to the "Odisha Prevention and Control of Water Pollution (Procedure for immersion of Idol after Puja) Rules, 2021 are given as follows:

1. Distribution of Leaflets to different Puja Committees and Puja Mandaps to appeal to observe Pollution free Pujas.
2. Letter issued for implementation of "Odisha Prevention and Control of Water Pollution (Procedure for immersion of Idol after Puja) Rules, 2021 to all ULBs in the District of Sundargarh vide this Office Letter No. 2840(5) dtd 01.10.2022 and to ULBs in Deogarh District vide This Office Letter No. 2837 Dtd 01.10.2022.

The details of Idol immersion ponds and photographs are annexed as Annexure-I and II.

This is for kind information and needful action.

Yours Faithfully


Regional Officer

Annexure-I

Status of implementation of the guideline prepared by CPCB on Practice of idol Immersion by Regional Office, Rourkela

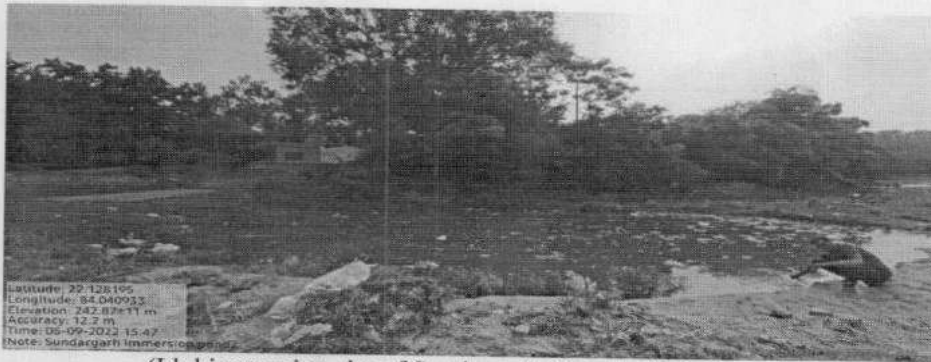
Name of the District	Name of the ULB	Nos. And Size of immersion Pond	Nos. Of Idol Immersion done
Sundargarh	Sundargarh Municipality	<ul style="list-style-type: none"> ◆ Bank of Ib River near Mahadevpada Village: The construction of temporary pond having sandbunds and laying of synthetic liner were undertaken by the Sundargarh Municipality. ◆ Size of the pond 42M x 40M x 2.5M 	5
Sundargarh	Rourkela Municipal Corporation	<ul style="list-style-type: none"> ◆ Near Brahamani River at Balughat: Rourkela Municipal Corporation has provided one no of pitlaying of synthetic liner as immersion pond. ◆ Size of the pond 150Ft x 250Ft x 15 Ft 	120

The water samples were collected from the designated temporary ponds as well as at upstream, downstream and further downstream of Ib and Brahamani River and the water samples were submitted in the Central Laboratory for Heavy metal analysis.

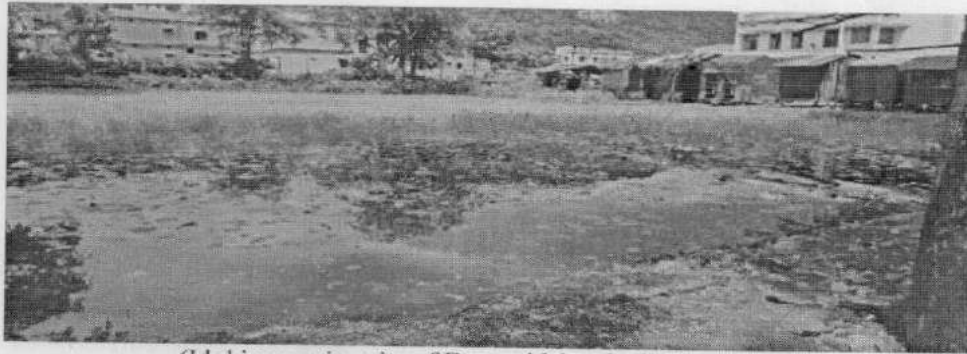
Annexure-II



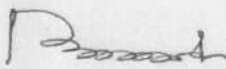
(Idol Immersion site of Rourkela Municipal Corporation)



(Idol immersion site of Sundargarh Municipality)



(Idol immersion site of Deogarh Municipality)


Regional Officer



OFFICE OF THE
MUNICIPALITY, BASUDEVPUR
BHADRAK, PIN-756125
Tel.No.06784-271252
E-mail: basudevpurn.hud@nic.in

No.....3811.....

Date.....9.11.22

To

The Member Secretary,
State Pollution control Board, Odisha
Paribesh Bhawan,
A/118 Nilakantha Nagar,
Unit-VIII, Bhubaneswar- 751012,(Odisha)

Sub:- Regarding Effective implementation of the "Odisha Prevention and Control of Water Pollution(Procedure for Immersion of Idol after Pujas)Rule,2021".

Ref:- Letter No- 19938(14), Dtd. 28.10.2022

Sir,

With reference to the subject cited above, I am to inform you that regarding the procedure for Immersion of idol after pujas has been implemented and precaution has been made by Basudevpur Municipality. Selecting a Suitable immersion pond near Bus Stand, Tarini Chhach which is well furnished and precaution has been taken as per guideline. For this all necessary arrangements has been made to check-up the pollution at our end.

This is for your kind information and necessary further action.

Yours Faithfully,

Executive Officer
Basudevpur Municipality

Memo.....3812..... Dt.....9.11.22

Copy Submitted to the Collector & District Magistrate Bhadrak for favour kind information and necessary action.

Executive Officer
Basudevpur Municipality

Memo.....3813..... Dt.....9.11.22

Copy Submitted to the Regional Officer, State Pollution Control Board, Baleswar, Odisha for favour of kind information and necessary.

Executive Officer
Basudevpur Municipality

File No. JM-34/1/2020-SBM/SWM SECTION -JM JAGATSINGHPUR MUNICIPALTY
I/81053/2022

50



OFFICE OF THE JAGATSINGHPUR MUNICIPALITY, JAGATSINGHPUR

No 5531 / Date 17-11-2022



To

The Member Secretary,
State Pollution Control Board, Odisha
At- Paribesh Bhawan, A/118, Nilakanthnagar, Unit-VIII,
Bhubaneswar.

Sub:- Compliance to the effective implementation of the "Odisha prevention and control of water Pollution (Procedure for Immersion of idol after Puja) Rules, 2021."

Ref:- SPCB letter No.19938 dt. 25.10.2022.

Sir,

With reference to the subject cited above and in compliance to the CPCB letter No. 5479 dt. 21.10.2022 , this is to submit herewith the report about pre idol immersion , during immersion and post immersion during festival . For pre idol immersion, this establishment issued Letter No. 4634 dt. 12.09.2022 before the festival to the Puja Committees of the Municipality area to use idols made up natural clay and coloured with eco-friendly natural dyes/ colours of idols and immerse in temporary immersion earthen ponds .During immersion as per the instruction No. 1072 dt. 16.09.2022 of District Administration & State Pollution Control Board letter no. 15235 dt. 24.08.2022 , all the idols have been immersed at the area of Galupada, Purohitpur & two places of Alaka near College Chhak in the temporary confined earthen ponds. For post immersion , within 48 hours of the immersion , the left over materials from the pond have been removed for disposal at Dump Site and the supernatant water have been allowed to flow into the river after adding lime to clean the water. Dustbins have been kept at the temporary confined ponds site to keep materials like flowers, decorating materials etc of the idols and which have been disposed of as per the procedure .

This is for favour of kind information & necessary action.

Enclosed:-
As Above

Memo No. 5532 dt 17-11-2022

Copy submitted to the Collector & District Magistrate, Jagatsinghpur for favour of kind information.

Yours Faithfully

Executive Officer

Jagatsinghpur Municipality

Executive Officer

Jagatsinghpur Municipality

11/75319/2022

File No.REV-14/75/2020-REVENUE-JAGATSINGHPUR COL

315

Handwritten notes:
D.M. B. L.
11/11/2022



**OFFICE OF THE COLLECTOR & DISTRICT MAGISTRATE
JAGATSINGHPUR**

Handwritten notes:
11/11/2022
4/8/22

Memo No. 12969 /Rev. Dt. 06.09.2022

Copy of Letter No. 15235 dt.24.08.2022 of the Member Secretary, SPCB, Odisha, Bhubaneswar regarding effective implementation of the "Odisha Prevention and Control of Water Pollution (Procedure for immersion of Idols after Pujas) Rules, 2021" forwarded to all Tahasildars/Executive Officer, Jagatsinghpur & Paradeep Municipality/ Regional Officer, SPCB, Paradeep for favour of information and necessary action. They are requested to take proactive action to create awareness among the idol makers, puja committee organizers and public to use idols made up of natural clay and coloured with eco-friendly natural dyes/colours, immersion of idols in temporary immersion ponds. Action taken report in this regard may be submitted to the Member Secretary, SPCB, Odisha, Bhubaneswar under intimation to this office.

Handwritten signature:
D.P. S.

**Deputy Collector, Revenue,
Collectorate, Jagatsinghpur**



OFFICE OF THE JAGATSINGHPUR MUNICIPALITY, JAGATSINGHPUR

No. 4634⁽²²⁾

Date 12-09-2022

To

The President,

All Puja Committee

Jagatsinghpur Municipality, Jagatsinghpur

Sub- To use idols made up of natural clay and coloured with Eco-Friendly natural dyes/colours.

Ref:- 12969/Rev.Dt.06.09.2022, Letter No. 15235 dt. 24.08.2022

Sir,

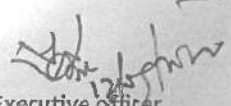
I am directed to intimate you that instruction / guideline for effective implementation of the "Odisha Prevention and Control of Water Pollution"(Procedure for immersion of idols after Pujas) Rules-2021 to use idols made up of natural clay and coloured with eco-friendly natural dyes/colours of idols in temporary immersion ponds at your end and to make smooth & peaceful observation Durga Puja-2022 celebrated within Jagatsinghpur Municipality, Jagatsinghpur

Enclosure

Copy of the letters

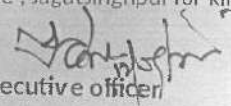
Memo No 4635 Dt. 12-09-2022

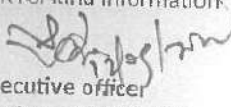
Copy Submitted to The Dept. Collector, Revenue, Collectorate, Jagatsinghpur for kind information.


Executive officer
Jagatsinghpur Municipality

Memo No 4636 Dt. 12-09-2022

Copy Submitted to The Member Secretary, SPCB, Odisha BBSR for kind information.


Executive officer
Jagatsinghpur Municipality


Executive officer
Jagatsinghpur Municipality