Joint Committee Inspection Report

In the Matter of

Original Application No.161/2025
'Ramesh Dwivedi V/s State of MP & Ors.'

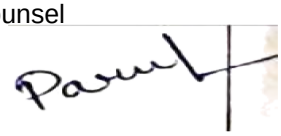
Hon'ble National Green Tribunal, Central Bench
Bhopal order dated 06.01.2026

Date of Visit: 28th February 2026
Location: Kshipra River at Ujjain, MP

INDEX

Date 19.04.2026
Place: Bhopal

Submitted by MPPCB: -
through Counsel



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Report of the Joint Committee in the O.A. No. 161 of 2025 in the matter of "Ramesh Dwivedi V/s State of Madhya Pradesh & Ors" before the Hon'ble National Green Tribunal, Central Zonal Bench, Bhopal.

1. Background:

The Hon'ble National Green Tribunal, Central Zonal Bench (CZB), Bhopal vide order dated 06.01.2026 in O.A. No. 161/2025 titled "Ramesh Dwivedi V/s State of MP & Ors" constituted a Joint Committee comprising of

i. One representative of Senior Level from Principal Secretary, Environment, M.P.
ii. One representative from Regional Office of MoEF&CC, Bhopal, M.P.
iii. One representative from Central Pollution Control Board nominated by the Regional Director, CPCB, Bhopal
iv. One representative nominated by the Member Secretary, Madhya Pradesh Pollution Control Board, Bhopal, M.P.
v. One representative from the State Wetlands Authority, M.P.
vi. District Collector, District, Ujjain, M.P.

In the said order Hon'ble tribunal directed that '*The Committee is directed to visit the place and submit the factual and action taken report within six weeks. The State PCB will be the nodal agency for coordination and logistic support*. Copy of the order dated 06.01.2026 of Hon'ble NGT is enclosed as **Annexure-01**.

2. Issues raised in the Original Application No. 161/2025:

The applicant in Original Application No. 161/2025 has raised environmental concern with regard to activities undertaken for preparation of upcoming Simhasth Kumbh Mela at Ujjain during April-May 2028. The environmental concerns raised in the aforementioned matter are mainly based on the Report of the Comptroller and Auditor General of India (CAG) for the year ended 31st March 2021which presents the key findings of the Performance Audit on the Kshipra River covering the period 2016–17 to 2020–21.

The major issues raised by the applicant in the original application are as follows:

- Development of Simhasth Mela area by obtaining agricultural lands of the farmers adjoining to the river bank under Land Pooling scheme.
- Discharge of untreated waste water (domestic sewage & industrial effluent) through drains to the river causing degradation of water quality of river.
- Ghat construction along the river bank in Ujjain stretch.
- Deterioration of ground water flow within the river basin.

3. Constitution of Joint Committee:

In pursuance of Order dated 06.01.2026 of Hon'ble NGT (CZB), Bhopal and the nominations received from the organizations concerned, a Joint Committee has been constituted comprising of the following members:

i. Sh. Shaswat Sharma, Additional District Collector, District Ujjain, M.P.
ii. Sh. Rajasekhar Ratti, Scientist-E/Additional Director, MoEF&CC, Bhopal, M.P.
iii. Dr. Deepak Kale, Regional Officer, MPPCB Ujjain representative of Principal Secretary, Environment, M.P. & representative of Member Secretary, MPPCB.
iv. Dr. Anoop Chaturvedi, Scientist-C, Central Pollution Control Board (CPCB), Regional Directorate, Bhopal
v. Dr. Manoj Vishwakarma, Assistant Scientific Officer, State Wetlands Authority (SWA), M.P.

4. Follow up action and Site visit of the Joint Committee:

i. The Joint committee conducted survey of the river Kshipra in Ujjain city stretch on 28.02.2026.

ii. A preliminary meeting of the Joint Committee was held at the Office of District Collector, Ujjain with concerned officials from Ujjain Municipal Corporation (UMC), Ujjain Development Authority, Water Resources Department, Town & Country Planning, and the Applicant Shri Ramesh Dwivedi along with his colleagues and local farmers.

iii. During the meeting deliberations were held on issues related to ghat constructions along the river bank of Kshipra; tree cutting and damaging natural vegetation along

river bank; status of sewage management of Ujjain city; discharge of untreated domestic sewage through natural drains; proposed/under construction sewage management projects etc. Attendance sheet of participants of preliminary meeting is enclosed as **Annexure-02.**

iv. The Committee gave an opportunity to the Applicant to submit his views and requested him to physically show the locations pertaining to the allegations made in the original application, particularly with regard to the drains discharging in to river, ghat construction in the flood plains of river etc.

v. The Joint Committee along with other concerned officials conducted a site visit on 28th February, 2026 to verify the factual status on the ground of the allegations raised by the Applicant in the original application, to collect information from the concerned departments, and the committee during survey collected river water samples, waste water samples from drains discharging into river and samples from inlet & outlet of Sewage Treatment Plant (STP), Surasa & Waste Stabilization Pond (WSP), Sadwal for analysis. The applicant accompanied along with his colleagues and local farmers during the visit.

5. <u>About Ujjain City and the Kshipra River:</u>

- Ujjain, also historically known as *Ujjayini* or *Avantika*, is an ancient and sacred city, located on the eastern bank of the river Kshipra. It is renowned for hosting the Kumbh Mela (Simhastha) every 12 years.
- The Ujjain city covers approximately an area of 100 Km^2 divided into 5 administrative zones and 54 municipal wards. As of 2025 estimates, the population of Ujjain city is about 6,30,000. The estimated sewage generation based on the current population of Ujjain city is about 85 MLD which is further expected to generate up to 350 MLD during the Kumbh Mela.
- About 14 drains in and around the city carry domestic sewage, storm water and some industrial runoff towards the river Kshipra.
- Kshipra river is considered sacred river in Madhya Pradesh. Historically it was originated from a Kund *(22.638234°N, 75.991605°E)* situated at the Kakri-Bardi hill of Vindhya Range (at a height of about 747 m) about 20 km South-East of Indore, near the small village of Ujjaini. The river flows in a northerly direction traversing through Indore, Dewas, Ujjain, Dhar and Ratlam districts covering about

195 km, having catchment area of about 5600 sq. km before its confluence with the river Chambal in Mandsaur district. There are two major tributaries- Kanh river, and Gambhir river and other tributaries include Saraswati River and Jaijavanti river.

6. Observation of the Joint Committee:

Based on the deliberations held during visit, observations made during survey of the river stretch, sampling and analysis of surface & waste water and documents made available to the Committee, the following observations are made:

i. Development of Simhasth Mela area by obtaining agricultural lands of the farmers adjoining to the river bank under Land Pooling scheme.

The main contention of the applicant was that the Government of Madhya Pradesh is planning to developed the Simhastha Mela area by acquiring agricultural lands of farmers adjoining the river bank under the Land Pooling scheme. The scheme had originally planned to acquire 2,376 hectares of agricultural land for permanent infrastructure development. However, the Urban Development and Housing Department, Government of Madhya Pradesh revoked the Land Pooling scheme for the 2028 Ujjain Simhastha (Kumbh) vide order dated 16.12.2025. A copy of the order is enclosed at **Annexure-03.**

The Office of Town & Country Planning, vide its letter dated 02.03.2026, has informed that under the Ujjain Development Scheme 2035, a 200-meter zone on both sides of the river Khsipra has been designated as a protected area where residential, commercial, and semi-commercial activities are prohibited. Furthermore, it has permitted, the development of ghats, beautification works, and allied activities for the conservation of water resources within 100 meters of the river subject to certain conditions. A copy of letter is enclosed at **Annexure-04.**

ii. Discharge of untreated waste water (domestic sewage & industrial effluent) through drains to the river causing degradation of water quality of river.

a) River Water Quality:

- As per the petition, the water quality of river Kshipra in the Ujjain stretch getting

deteriorated due to discharge of natural drains carrying domestic sewage from the Ujjain city. As per the information provided by UMC, 11 drains out of 14 drains discharging into Kshipra River has been tapped. The tapping work of remaining 03 drains (Hatkeshwar drain, Piliyakhal drain & Bhairavgarh drain) is under progress and expected to be completed before Simhasth 2028. The tapped drains are intercepted and diverted through pumping stations located at various locations of the city to the STP, Surasa and the overflow is intercepted and diverted to Waste Stabilization Pond, Sadwal.

- To assess the present status of water quality, water samples of River Kshipra, drains and STPs were collected on 28.02.2026 and analyzed at MPPCB, laboratory Ujjain. The results of water analysis as given below:

Analysis results of the River Water sample

S. No.	Parameters	Unit	River Kshipra at Ramghat	River Kshipra at Siddhvat ghat	River Kshipra at d/s of Shanti palace
1.	Temperature	°C	25	25	25
2.	pH	pH Units	7.39	7.39	7.89
3.	Conductivity	µmho/cm	1337	1406	1403
4.	Turbidity	NTU	15.6	10.6	10.6
5.	Chloride	mg/l	186	194	187
6.	Total Alkalinity	mg/l	520	624	606
7.	Total Hardness	mg/l	522	542	474
8.	Ca Hardness	mg/l	252	282	312
9.	Mg Hardness	mg/l	270	260	162
10.	Dissolved Oxygen	mg/l	6.6	5.9	6.9
11.	Total Solids	mg/l	952	1010	994
12.	Suspended Solids	mg/l	18	24	16
13.	Total Dissolved Solids	mg/l	934	986	978
14.	B.O.D. (3 Days 27°C)	mg/l	8	12	9

15.	Chemical Oxygen Demand	mg/l	30	30	20
16.	Ammonical Nitrogen as NH_3-N	mg/l	8.17	8.64	8.11
17.	Nitrite as NO_2^- -N	mg/l	0.031	0.047	0.052
18.	Nitrate as NO_3^- -N	mg/l	1.16	1.13	0.987
19.	Phosphate as PO_4^{3-}–P	mg/l	0.327	0.987	0.617
20.	Sulphate as SO_4^{2-}	mg/l	89	90	88
21.	Sodium	mg/l	112	132	113
22.	Potassium	mg/l	6.17	8.11	6.1
23.	Fluoride	mg/l	0.169	0.167	0.159
24.	Total Coliform	MPN/100ml	>1600	>1600	>1600
25.	Fecal Coliform	MPN/100ml	920	>1600	920

- As per primary water quality criteria for bathing waters (water used for organised outdoor bathing), pH: 6.5-8.5; DO ≥ 5mg/L; FC ≤500 MPN/100ml (desirable) and ≤2500 MPN/100ml (maximum permissible); BOD≤ 3 mg/L. However, above analysis results have pH in the range of 7.39-7.89, DO in the range of 5.9-6.9 mg/L, BOD in the range of **8-12** mg/L and FC in the range of 920 to >1600 MPN/100ml.
- The data represents a snapshot of water quality at a specific location and time and may vary significantly depending upon factors such as upstream anthropogenic activities, rate of flow, depth of sampling, time of sampling, river current and mixing of currents, sampling location and such other multiple factors. As a result, these values reflect water quality parameters at the exact time and place and may not fully represent the overall characteristics of the river, therefore, not necessarily reflecting the overall river water quality throughout the river stretch.
- Kshipra is a non-perennial river. The natural flow in the river during different months depends on the rainfall and it is mainly in monsoon.
- CPCB has been assessing water quality of aquatic resources in the country in association with State Pollution Control Boards & Pollution Control Committees under National Water Quality Monitoring Network (NWMP). As part of a periodic

assessment of water quality of rivers in the country, CPCB has identified polluted river stretches (PRS) considering Bio-Chemical Oxygen Demand (BOD) as a criteria parameter.

- On the basis of assessment of water quality data generated under NWMP for the years 2022 and 2023, the Upstream of Mahidpur to Triveni Sangam stretch of the Kshipra River has been identified by CPCB as polluted river stretch of Priority III (for BOD between 10.0-20.0 mg/l) with a recorded maximum BOD value of **12** mg/L *(Reference: Report on Polluted River Stretches, CPCB, 2025)*.

b) <u>Drain monitoring</u>:

- The Joint Committee carried out survey of the river stretch in Ujjain from Triveni ghat (where river enters the Ujjain city) to the Bhairugarh Bridge (where river exits the Ujjain city) on 28.02.2026. During the survey it was observed that the most of the drains discharging into river has been intercepted and diverted to the STP located at Surasa and overflow is diverted to WSP located at Sadwal. The details of the drains flowing in the Ujjain city are as given below:

<u>Details of Drains surveyed during visit of Kshipra River</u>

S. No.	Name of Drain	Details of Drain	Status of drain
1.	Moti Nagar Drain, Ujjain **(23.13015°N, 75.794932°E)**	• Approx width 1 m and depth 30 cm • Carries mainly domestic sewage. • Vegetation observed on the bank of the drain. • This drain meets river on right bank.	Tapping work was under progress. Now completed.
2.	Hatkeshwar Nallah near Gambhir Bridge Ujjain **(23.156521°N, 75.771473°E)**	• Length 4 Kms.; Width 5-7 m.; Depth – 0.9 m. • Untreated raw sewage flowing through this drain with dark black coloured water. • Dense vegetation observed in the surrounding.	**Untapped** and presently sewage directly discharged into River. **08 MLD STP is proposed at this location** under Amrut 2.0 sewerage scheme and expected commissioning

		• This drain meets river on left bank.	is before Simhastha Kumbh.
3.	Manchhaman / Shastri Nagar Nala, Ujjain (**23.168202°N, 75.777468°E)**	• Approx length 7 km, width 3.5 m and depth 60-75 cm. • Mainly domestic and industrial waste water with foam. • Construction work of multistorey apartment was under progress at the right bank of the drain. • No access or approach to the river was found at the confluence point of this drain. • Wastewater lifted to Gaughat MPS.	This drain has been tapped and sewage is intercepted & diverted through Gaughat MPS at STP Surasa and excess sewage is sent to Sadawal WSP.
4.	Lalpul Nala Drain, Ujjain **(23.17355°N, 75.75837°E)**	• Untreated raw sewage flowing through this drain. • Water contained domestic sewage. • The river was nearly dry at this point during visit.	This drain is tapped and pumped to Kanh river diversion pipeline.
5.	Bhukhimata Drain, Ujjain **(23.182693°N, 75.75765°E)**	• Approx. width 10-12 m and depth 2 m • Drain was found dry. • This drain meets river on left bank.	Stormwater untapped drain.
6.	Begumbagh Drain, Ujjain **(23.18589°N, 75.766404°E)**	• Originates from Rudrakund. • Approx. Length 3 Km, Width 4-5 m. • Waste water from Mahakaleshwar Temple is discharged through this drain.	This drain has been tapped and sewage sent to STP Surasa and excess sewage is sent to Sadawal WSP through 1600 mm pipeline.
7.	Ramghat Drain, Ujjain **(23.189727°N, 75.764854°E)**	• Approx width 1 m. • Surrounding area is over populated. • Concrete ghat namely Ramghat.	This drain has been tapped and sewage is intercepted & diverted through Ramghat SPS at

			STP Surasa and excess sewage is sent to Sadawal WSP.
8.	Bhandariya Khal, Ujjain **(23.215185°N, 75.759515°E)**	• Approx. length 2 Km. and width 1.5 m. No flow found as it was dry. • Water is utilised by farmers for agriculture purposes.	Partially treated/untreated water released from Sadawal WSP (poorly functional) flows through this drain.
9.	Chakrateerth drain, Ujjain **(23.191648°N, 75.762404°E)**	• Length 4 Km, Width 3-4m. Depth 60 cm. • At the opposite side of Somwariya Drain meets river & Chakrateerth pumping station. • Its near Kartik Mela Ground. • This drain meets river on left bank.	This drain has been tapped and sewage sent to Surasa STP through sewage pumping station.
10.	Juna Somwariya Nala, Ujjain **(23.19469°N, 75.764014°E)**	• Approx width 2 m and depth 1.2 m. • It passes through dense locality, overpopulated slums. • Nearby religious places were observed. • A stop dam like structure was observed at the upstream. • This drain meets river on right bank.	This drain has been tapped and sewage sent to Surasa STP through sewage pumping station.
11.	Hammalwari Drain, Ujjain **(23.197052°N, 75.768147°E)**	• Approx. Length 4 km, Width 4-5m & Depth: 1-1.2 m. • Before rain, wastewater from this drain was being lifted to Surasa STP for treatment. But after rainy season the pumping activity has been stopped. • This drain meets river on right bank.	This drain has been trapped and connected with main trunk line under AMRUT 1.0. Presently sewage sent to Surasa STP.

12.	Rinmukteshwar Nala, Ujjain **(23.200914°N, 75.765288°E)**	• Approx length 3 km, width 1.8 m and depth 60 cm. • This drain meets river on right bank.	This drain has been tapped and sewage sent to Surasa STP through Juna Somwariya SPS. However, the overflow during peak load goes to Sadwal WSP.
13.	Piliayakhal Nala, Ujjain **(23.223512°N, 75.785328°E)**	• Approx length 15 km, width 6 m and depth 0.8-1.0 m. • It also receives 1.5 MLD flow from Hanuman naka drain. • Bridge work above the drain was under progress. • This drain meets river on right bank.	**Untapped** and presently sewage directly discharged into River. **22.6 MLD STP is proposed under NMCG project** and technical evaluation of tender is in progress. Expected commissioning is before Simhastha Kumbh 2028.
14.	Bhairugarh Nala (Siddhwat), Ujjain **(23.227467°N, 75.774784°E)**	• Approx length 2.5-3 km, width 2 m and depth 60-75 cm. • Dark coloured effluent from small hand block cloth printing units (about 180 batik units) also flows through this drain. • This drain meets river on left bank.	**Untapped** and presently sewage and coloured wastewater directly discharged into River. However, **CETP of 2.38 MLD is proposed under NMCG project** and technical evaluation of tender is in progress. Expected commissioning is before Simhastha Kumbh 2028.

- It was observed that during visit three untapped drains (Nallah) still discharging the untreated domestic sewage / wastewater in to the river Kshipra in the Ujjain region. Piliyakhal drain and Hatkeshwar drain mainly carries untreated domestic sewage and Siddhwat drain carrying waste water generated from small hand block cloth printing units located in Bhairugarh area.
- To assess the water quality waste water samples were collected during the survey

and the results were analysed at the MPPCB laboratory, Ujjain. The details of the analysis results are as given below:

Analysis results of the waste water samples collected from Drain (Nallah)

S. No.	Parameters	Unit	Motinagar drain	Hatkeshwar Drain	Piliyakhal drain	Siddhwat /Bhairugarh drain
1.	Appearance	--	Turbid		Turbid	
2.	pH	pH Units	7.29	7.59	7.38	8.72
3.	Total Solids	mg/l	2002	1680	1546	2044
4.	Total Suspended Solids	mg/l	136	66	72	128
5.	Total Dissolved Solids	mg/l	1866	1614	1474	1916
6.	Chloride	mg/l	294	368	284	426
7.	B.O.D. (3 Days 27^0C)	mg/l	48	52	48	70
8.	Chemical Oxygen Demand	mg/l	140	120	110	190
9.	Phosphate	mg/l	2.86	2.74	2.62	3.16

- The analytical results indicate that the concentrations of BOD and COD range between 48–70 mg/L and 110–190 mg/L, respectively. These values reflect that the drains are carrying untreated or partially treated domestic sewage / wastewater.
- Discharge of these contaminated drains into the river along the Ujjain stretch contribute to the deterioration of water quality.

c) Sewage Management Plan

- The current estimated population of the city is about 6,30,000. The entire Ujjain city, having a Municipal Area of about 100 sq. km. Present water supply to city is being made from two major sources namely Gambhir Dam (111.432 MLD) and Undasa & Sahibkhedi tank (11.36 MLD). Around 95% water is drawn from Gambhir dam and rest is covered through Undasa and Sahibkhedi tank. The expected water demand during the Simhastha Kumbh Mela is expected to be 410 MLD including floating population. *(Source: Preparation of DPR of Sewerage Project of Ujjain City under AMRUT 2.0)*
- At present Ujjain is divided in 54 wards (including 36 surrounding villages) with

estimated sewage generation of about 85 MLD, which is further expected to increase up to 350 MLD (based on the standard 80% return flow) of wastewater during the Kumbh Mela.

- The existing sewerage system in the core city area on the Kshipra-side of the ridge was covered under AMRUT 1.0, including 35 wards fully and 10 wards partially. The city's existing sewage system in the core area includes a 440 km sewer network, 80,000 household connections, 8598 manholes, 32144 IC chambers, a 15km trunk main, a 3.5 km rising main, a 92.5 MLD SBR-based STP at Surasa village, supported by a main pumping station of the same capacity and a Waste Stabilization Pond (WSP) based STP of capacity 83 MLD at Sadawal (plant was constructed in 2004 with capacity of 53 MLD, during Kumbh 2016, the plant's capacity was augmented to 83 MLD).
- The major work executed for Sewerage management has been undertaken under AMRUT 1.0 scheme in the core city area of Ujjain, wastewater of the city was flowing through 14 open drains which was ultimately discharging into the Kshipra River. To control this, Ujjain Municipal Corporation (UMC) had built 09 SPS (located at Somwariya, Badnagar bridge, Manchhaman, Bhairangarh, Gaughat, Ramghat, Chakratirth, Indira Nagar Ayurvedic College and Rudrasagar) to divert the flow of these drains to the STP at Surasa and overflow goes to WSP at Sadawal.
- Earlier the remaining area of the city lacked organized sewerage system and network for safe disposal of the domestic sewage. But under Amrut 2.0 the work of balance sewerage network of Ujjain city had been awarded two m/s NP Patel costing 476.00 cr. And nearly 40 percent of the work has been executed and the same will be completed before Simhasth 2028.
- Piliyakhal and Bhairavgarh nala catchment area sewerage network has been taken under Amrut 2.0 scheme and the work is in progress for laying the sewer line in these areas. Currently, Bhairavgarh and Piliyakhal nalas contributes major pollution to the Kshipra River. Therefore, under NMCG funded scheme it is proposed to intercept drain Piliyakhal Nalla by constructing SPS and further treatment in proposed 22.06 MLD STP at opposite Govt. Dhanwantari Ayurvedic Medical College, Ujjain. In catchment area of Bhairavgarh Nala 181 handmade block print units are situated, and a CETP of 2.38 MLD is proposed near old Pump house at Bhairavgarh for treatment of waste water under NMCG project. The Details of

Proposed Sewage Treatment Plants (STPs) of the Ujjain City as below:

- 8 MLD STP is proposed under AMRUT 2.0 (Phase II).
- 22.06 MLD STP proposed under Namami Gange.
- 2.38 MLD CETP proposed at Bhairugarh under Namami Gange.
- 110 MLD of portable STP is proposed under UDA Kumbh Mela.

- Within the Ujjain urban area, small-scale industries (SSI) are concentrated, notably textile & dye and allied units.

d) Performance of STP:

- During survey, it was observed that the flow at inlet of Surasa STP was about 30 MLD and WSP located at Sadwal was having flow of about 50 MLD.
- To assess the performance of the existing STPs, samples were collected at inlet and outlet during the survey and the results were analysed at the MPPCB laboratory, Ujjain. The details of the analysis results are as given below:

Analysis results of waste water collected from STPs

S. No.	Parameters	Unit	WSP at Sadawal		STP at Surasa	
			Inlet	Outlet	Inlet	Outlet
1.	pH	pH Units	7.22	7.12	7.82	7.31
2.	Total Solids	mg/l	1626	984	1504	988
3.	Suspended Solids	mg/l	124	14	92	10
4.	Total Dissolved Solids	mg/l	1502	970	1412	978
5.	Chloride	mg/l	246	147	236	112
6.	B.O.D. (3 Days 27^0C)	mg/l	42	32	38	12
7.	Chemical Oxygen Demand	mg/l	110	90	90	30
8.	Phosphate	mg/l	2.67	0.82	2.59	0.98
9.	Fecal Coliform	MPN/100ml	-	>1600	-	170

- Based on the analysis results, it can be observed that both treatment systems receive diluted sewage. The BOD concentration of the sewage at the inlet of the STP and WSP is 42 mg/L and 38 mg/L, respectively.
- The results also indicate that the WSP, Sadwal is not complying with CTO standards

(BOD 32 mg/l against prescribed standard of 30 mg/l).

- The BOD removal efficiency of STP and WSP is 69% and 25%, respectively. The copy of analysis results of river water samples, drain and STPs are enclosed as **Annexure-05.**

iii. Ghat construction along the river bank in Ujjain stretch.

- As per Clause 6.27, Chapter 6 of the approved Ujjain Development Plan 2035 regarding regulations for sensitive areas, it is proposed to protect a zone of 200 meters on both sides of the Kshipra River. Within this zone, residential, commercial, and public/semi-public development is prohibited. However, up to a distance of 100 meters from the riverbank, development under the River Front Development Plan will be permitted, including beautification works, ghats, and essential infrastructure for the protection and security of water sources.

- It is estimated that during the Shahi Snan of the Simhastha Mahakumbh Festival 2028, approximately 40–50 million devotees will participate, while over the entire duration of the festival, around 300–400 million devotees are expected to visit. To ensure convenience and safe bathing arrangements for the devotees, the Water Resources Department, Bhopal, Madhya Pradesh has proposed the construction of parallel ghats along both banks of the Kshipra River.

- The purpose of the project is twofold: to facilitate the successful organization of Simhastha 2028 and to prevent soil erosion, sediment flow, and flood-related damage to crops, public, and private properties. The project design takes into account rainfall patterns, soil structure, river morphology, topography of adjacent areas, and flood behaviour. The initiative focuses on strengthening and protecting the riverbanks from Shani Mandir to Bherugarh Nagda Road Bridge.

- Given the expected influx of millions of devotees within a short span of one month, the construction of extended ghats is essential for both safety, crowd control and functionality. The project involves extending the existing ghats in both directions and on both sides of the river, covering approximately 8 kilometers in different stretches between Shani Mandir and Bherugarh Nagda Road Bridge, under the comprehensive Ghat Project.

- As per DPR of water resource department, the proposed work along with reach

length has been taken as construction of ghats of about 29.21 km with an average width of 15.60 m (calculated area of project is 455676 sqm) from Shani temple to Nagda bypass, construction of 3 nos. of vented causeway cum stop dam, renovation of Undasa tank out of city limit and Jastakhedi tank out of city limit at Ujjain. The area development under this project will consist of total area of 46.84 ha i.e. 468400 sqm which is more than 150,000 sqm. *(Source: Simhastha 2028, Construction of Ghat and Allied work prepared by Water resources department, Govt. of M.P., Ujjain Division).*

- The project is proposed in four packages consisting of 6090 m length in package-I, 7752 m length in package-II, 7716 m length in package-III and 7652 m length in package-IV with a total length of 29210 m. However, the project is being executed through single tender.

- EC is not required in this particular case because ghats on the both banks of Kshipra River are not covered under the township and area development project. (as defined in Section 8b of EIA notification of 2006). It is a facility permissible under the development plan explained and specified in TNCP Letter dated 02/03/2026 **(Annexure-04)** for the safety of millions of devotees who will be coming for Simhastha "Snana".

iv. Action being taken to address deterioration of ground water flow within the river basin.

- During the visit, officials from the Nagar Nigam informed that a field visit and hydrogeological survey were carried out by a team from IIT Roorkee in Ujjain from 28/01/2026 to 29/01/2026 to develop Shallow Aquifer Management system for recharging of groundwater.
- These geophysical investigations will help in delineating lithological variations, weathered and fractured zones, and suitable sites for groundwater recharge and sustainable urban water resource management interventions.
- As informed, the Municipal Corporation of Ujjain has undertaken several initiatives under the Jal Ganga Sanvardhan Abhiyan of the Government of Madhya Pradesh. These efforts include the preparation of an Aquifer Management Plan, development of rainwater harvesting systems, plantation drives, and mass awareness campaigns

highlighting the importance of water conservation and groundwater recharge. In the previous year, approximately 162 rainwater harvesting systems were installed in government buildings. Additionally, around 14,000 plants were planted using the Miyawaki technique at two locations i.e. University and Chakor Park. The corporation also carried out the conservation of nine water storage structures within Ujjain city.

v. Others observations:

- Nature-based alternative biological treatment technologies such as Constructed Wetlands can be effectively adopted as interim interventions in drains. The alternative biological treatment technologies contribute to improving the water quality of drains and rivers and can play a crucial role in revitalizing the ecosystem of a river system. These treatment options can be implemented both in-situ and ex-situ, providing flexibility in addressing wastewater challenges. The cost of alternative biological treatment technology is low.
- Constructed wetlands (CW) are widely adopted interim alternative to conventional technologies for sewage treatment. CWs are the artificially created man-made systems in which wastewater treatment take place by utilizing natural processes by involving soil, vegetation, and microbial communities in a controlled environment. Constructed wetland system integrates microbial bioremediation, phytoremediation and root-zone treatment in addition to providing the benefits of oxidation pond & physical filters. It is the designed and engineered natural system to treat sewage and other wastewaters. CWs have an advantage as they can be established within the drain / river channel and address the problem via in-situ remediation.
- The interim interventions may be considered by Municipal Corporation at following drains for the nature-based treatment.

List of interventions proposed at various locations

S. No.	Location / Name of Drain	Bank of River	Intervention Proposed
1.	Hatkeshwar Drain	Kshipra Left	Constructed wetland
2.	Piliyakhal Nala	Kshipra Right	Constructed wetland
3.	Bhairugarh Drain	Kshipra Left	Constructed wetland

- Biodiversity Parks are based on the ecological restoration principle to establish self-sustaining ecosystems that have biodiversity and function that generate ecological

services that contribute to well-being of humans. The size of Biodiversity Parks in riverscapes depends upon the stretch (length) of the river available, the extent of floodplain width and the riparian zone, presence of wetlands and the extent of upland area.

- It is recommended that the Municipal Corporation appoint a dedicated *Environment Officer* on a regular basis. The officer should preferably have an academic background in environmental studies and be well-versed in current environmental laws and regulations. The *Environment Officer* will be responsible for ensuring strict compliance with environmental laws, guidelines, and sustainability measures within the jurisdiction of the Municipal Corporation, particularly in preparation for and during Kumbh Mela 2028. Key responsibilities will include oversight of waste management systems, sewage treatment, air and water quality monitoring, and the promotion of eco-friendly practices.
- Additionally, the *Environment Officer* will serve as the single point of contact for coordination among the Municipal Corporation, State Pollution Control Board, central agencies, and local stakeholders, thereby improving efficiency and accountability in environmental governance.

7. Recommendations of the Joint Committee:

On the basis of the above observations of joint Committee, the following recommendations are submitted for implementation and further improvement:

1. Expedite the installation of proposed STPs to cater the areas yet not covered under existing sewage treatment facilities along with laying down of sewerage network in adjoining uncovered areas of the city. To ensure connectivity of secondary and primary sewerage network and proper maintenance of sewerage network to avoid leakages, so that sewage conveyed through conduit network without any dilution.
2. The UMC shall ensure the proper operation and maintenance of installed Sewage Treatment Plant and Waste Stabilisation Pond for compliance with prescribed discharge standards as per CTE/CTO conditions and treated water shall be utilised for greenbelt development / gardening / agriculture as mentioned in CTE/CTO.
3. The Water Resource Department or UMC may explore suitable sewage treatment options during the Kumbh Mela. Additionally suitable alternative in-situ remediation technologies may be utilized for the rejuvenation of water bodies.

4. UMC shall ensure the cleanliness of ghats and the removal of solid waste from drains and riverbanks. UMC should also create awareness among pilgrims and residents to discourage the disposal of solid waste into rivers and drains.
5. It is recommended to intercept, divert and treat wastewater flowing through the drains. Further, there is need to set up low-cost, decentralised, nature-based treatment system such Constructed Wetlands as interim measure to provide requisite treatment at drains carrying domestic sewage and reaching to Kshipra River for improved water quality and rejuvenation of the river.
6. Watershed management in the catchment area may be implemented including tanks, ponds, wetlands. Watershed area management shall be based on the land scape study, bio-diversity, water conservation, biological treatment of ponds/lakes with nature-based solution, etc.
7. The Municipal Corporation may appoint the Environment Officer on regular basis for compliance of environmental rules and oversight of waste management systems, sewage treatment, air and water quality monitoring, and the promotion of eco-friendly practices especially during Kumbh activity 2028.

(Sh. Shashwat Sharma)
ADC, Ujjain
(representative of D. M. Ujjain)

(Sh. Rajasekhar Ratti)
Scientist-E, Ministry of Environment, Forest & Climate Change,
Regional Office, Bhopal

(Sh. Deepak Kale)
Regional Officer, Madhya Pradesh Pollution Control Board, Ujjain

(Dr. Anoop Chaturvedi)
Scientist -C, Central Pollution Control Board,
Regional Directorate, Bhopal

(Dr. Manoj Vishwakarma)
Assistant Scientific Officer, State Wetlands Authority, M.P.

Photographs of the Joint Committee Inspection (Date of inspection: 28.02.2026)


Latitude: 23.217826
Longitude: 75.782122
Elevation: 496.25±25.4 m
Accuracy: 3.79 m
Time: 28-02-2026 12:13
Note: NGT OA 161 of 2025 #7
Powered by NoteCam


Latitude: 23.217808
Longitude: 75.782154
Elevation: 496.25±23.6 m
Accuracy: 5.156 m
Time: 28-02-2026 12:09
Note: NGT OA 161 of 2025 #4
Powered by NoteCam


Latitude: 23.21783
Longitude: 75.782166
Elevation: 497.35±20.9 m
Accuracy: 8.251 m
Time: 28-02-2026 12:14
Note: NGT OA 161 of 2025 #8
Powered by NoteCam


Latitude: 23.223674
Longitude: 75.785292
Elevation: 497.44±33.8 m
Accuracy: 12.47 m
Time: 28-02-2026 12:31
Note: NGT OA 161 of 2025 #piliyakhal
Powered by NoteCam


Latitude: 23.223691
Longitude: 75.785378
Elevation: 496.34±11.3 m
Accuracy: 4.504 m
Time: 28-02-2026 12:33
Note: NGT OA 161 of 2025 #piliyakhal #3
Powered by NoteCam


Latitude: 23.230122
Longitude: 75.777224
Elevation: 494.51±6.23 m
Accuracy: 7.954 m
Time: 28-02-2026 13:07
Note: NGT OA 161 of 2025 #Bhairugarh #2
Powered by NoteCam


Latitude: 23.227521
Longitude: 75.774538
Elevation: 501.22±8.06 m
Accuracy: 9.401 m
Time: 28-02-2026 13:20
Note: NGT OA 161 of 2025 #Bhairugarh #7
Powered by NoteCam


Latitude: 23.227416
Longitude: 75.774632
Elevation: 501.22±5.98 m
Accuracy: 17.36 m
Time: 28-02-2026 13:17
Note: NGT OA 161 of 2025 #Bhairugarh #55
Powered by NoteCam


Latitude: 23.218476
Longitude: 75.773613
Elevation: 497.06±30.1 m
Accuracy: 13.29 m
Time: 28-02-2026 13:32
Note: NGT OA 161 of 2025 #Bhairugarh #11
Powered by NoteCam


Latitude: 23.19992
Longitude: 75.76898
Elevation: 496.7±4.94 m
Accuracy: 10.8 m
Time: 28-02-2026 13:46
Note: NGT OA 161 of 2025 #Rinmukteshwar 4
Powered by NoteCam


Latitude: 23.200906
Longitude: 75.764927
Elevation: 494.79±18.5 m
Accuracy: 7.035 m
Time: 28-02-2026 13:53
Note: NGT OA 161 of 2025 #Rinmukteshwar 6
Powered by NoteCam


Latitude: 23.200923
Longitude: 75.764941
Elevation: 494.79±19.0 m
Accuracy: 4.896 m
Time: 28-02-2026 13:54
Note: NGT OA 161 of 2025 #Rinmukteshwar 7
Powered by NoteCam


Latitude: 23.184316
Longitude: 75.761182
Elevation: 498.74±15.0 m
Accuracy: 21.41 m
Time: 28-02-2026 14:13
Note: NGT OA 161 of 2025 #narsingh ghat bridge #2
Powered by NoteCam


Latitude: 23.16517
Longitude: 75.775814
Elevation: 542.6±23.4 m
Accuracy: 5.735 m
Time: 28-02-2026 14:35
Note: NGT OA 161 of 2025 #manchhaman 2
Powered by NoteCam


Latitude: 23.129331
Longitude: 75.795592
Elevation: 520.82±17.0 m
Accuracy: 10.65 m
Time: 28-02-2026 15:06
Note: NGT OA 161 of 2025 #triveni ghat 4
Powered by NoteCam

Annexure-01

Item No.01

BEFORE THE NATIONAL GREEN TRIBUNAL
CENTRAL ZONE BENCH, BHOPAL
(Through Video Conferencing)

Original Application No.161/2025(CZ)

Ramesh Dwivedi — Applicant(s)

Vs.

State of Madhya Pradesh & Ors. — Respondent(s)

Date of Hearing: 06.01.2026

CORAM: HON'BLE MR. JUSTICE SHEO KUMAR SINGH, JUDICIAL MEMBER
HON'BLE MR. SUDHIR KUMAR CHATURVEDI, EXPERT MEMBER

For Applicant (s): Mr. Enosh George Carlo, Adv. with
Mr. Gaurav Sisodia, Adv.

ORDER

1. Main issue highlighted by the learned counsel for the applicant Mr. Enosh Carlo George are that more than 2344 Ha. of the land has been proposed for construction activities for Kumbh Mela in Ujjain to be organized between April to May, 2028 on the banks of Shipra. It is estimated that the 2028 Kumbh will attract 450 million pilgrims out of which around 50 million may be from other countries. Report on the degradation of the Shipra River submitted by the Comptroller and Auditor General of India is vocal on the environmental concerns and about the administrative oversight and the urgency of rejuvenating the river ecosystem by natural means. The report highlights the pollution and deteriorated groundwater flow within the river basin. The pollution is attributed mostly to the deficiencies of the sewerage network of the major urban centres in the vicinity of the river, and untreated sewerage being dumped in the river Respondents have no concern about the above issues and have again without taking the much-required mandatory conservationist City Development Scheme (Sinhastha Mela

Kshetra Nagar Vikas Yojana 2028) which if allowed to be implemented will kill the River Shipra and cause permanent damage to the entire ecosystem.

2. Main thrust of the learned counsel for the applicant are Environmental Impact Assessment which is argued to be mandatory for projects exceeding a certain size or located in sensitive areas. Learned counsel has also referred EIA Notification, 2006 where projects with a built-up area over 20,000 sq. mtr. or those involving large scale townships are classified as Category A or Category B1 and require an Environmental Clearance. This involves thorough impact assessment, public consultation, and review by authorities to ensure environmental standards before construction takes place.
3. A substantial issue of environment has been raised.
4. Issue notice to the respondents, returnable within four weeks. Respondents are directed to submit their reply within six weeks through E-filing portal, preferably in the form of searchable PDF/ OCR Support PDF and not in the form of Image PDF.
5. Applicant is directed to take necessary steps for service to the respondents by both ways and also on available email.
6. We deem it just and proper to call a report on the matter in issue in present Original Application, from a Joint Committee consisting of:-

    i. One representative of Senior Level from Principal Secretary, Environment, MP.
    ii. One representative from regional office of MoEF&CC Bhopal, MP
    iii. One representative from Central Pollution Control Board nominated by the Regional Director, CPCB, Bhopal, MP
    iv. One representative nominated by the Member Secretary, Madhya Pradesh Pollution Control Board, Bhopal, MP.
    v. One representative from the State Wetlands Authority, MP
    vi. District Collector, District, Ujjain, MP

7. The Committee is directed to visit the place and submit the factual and action taken report within six weeks. The State PCB will be the nodal agency for coordination and logistic support.
8. Applicant is directed to supply the copy of the application and relevant documents to the Committee and Respondent(s) within a week and after compliance of service, the applicant has to submit an affidavit that the notice and copy of the application have been served upon the Committee and respondent(s).

4. The report in the matter be filed by the Committee through email at ngtczbbho-mp@gov.in preferably in the form of searchable PDF/OCR Support PDF and not in the form of Image PDF.

List it on **10th March, 2026.**

Sheo Kumar Singh, JM

Sudhir Kumar Chaturvedi, EM

06th January, 2026,
OA No.161/2025(CZ)
PN

Annexure - 02

उपस्थिति पत्रक

माननीय हरित अधिकरण में संचालित प्रकरण क्रमांक 161/2025 (CZ) विरुद्ध श्री रमेश द्विवेदी के सम्बन्ध दिनांक 28/02/2026 को आयोजित बैठक जिलाधिकारी सभागृह में समय सुबह 11.00 बजे में उपस्थित अधिकारी के नाम पद एवं हस्ताक्षर -

क्र.	नाम	पद	हस्ताक्षर
(1)	Shashwat Sharma Addl Coll.	ADM. Ujjain	
(2)	Dr. Anoop Chaturvedi	Sci- C CPCB, Bhopal	
(3)	Rupendra Kumar	Sci B, CPCB Bhopal	Rupendra
(4)	DR. Manoj Vishwakarma	Scientist, EPCO Bhopal	
(5)	Kamal Kuwal	Executive Engineer NKPIU 2	
(6)	Yogesh Birla	E.E NKPIU-1 WRD	

(2)

क्र.	नाम	पद	हस्ताक्षर
7	J. P. Malviya	E.E. [illegible]	[signature]
8	Ashish Jain	R.E. (STC)	[signature]
9	Vivek Raj Tripathi	ARE (PDMC) STC	[signature]
10	Abhishek Sharma	GTC (PMU)	[signature]
11	Vishvendra Singh	PHE [Sub engg].	[signature]
12	Pratima Lahare	M.P.P.C.B. Ujjain	[signature]
13	Dr. Deepak Kale	R.O, MPPCB	[signature]
14	H.S. Sharma	SCI. MPPCB	[signature]
15	Devendra Solanki	M.P.P.CB	[signature]
16	Anshul Gupta	T&CP	[signature]
17	Vaibhav Bhawsar	EEPHE, UMC	[signature]
18	R.K. Dwivedi	[illegible]	[signature]
19			

Annexure-03

मध्य प्रदेश शासन
नगरीय विकास एवं आवास विभाग
मंत्रालय, वल्लभ भवन

//आदेश//

भोपाल, दिनांक 16 /12/2025

क्रमांक TNCP/4/1/0066/2025/18-6:- राज्य शासन द्वारा अपने आदेश क्रमांक TNCP/4/1/0066/2025/18-6 दिनांक 19/11/2025 के माध्यम से उज्जैन विकास प्राधिकरण द्वारा म0प्र0 नगर तथा ग्राम निवेश अधिनियम, 1973 के अंतर्गत प्रस्तावित नगर विकास स्कीम क्रमांक 8, 9, 10 एवं 11 को अधिनियम की धारा-52(1)(ख) के प्रावधान का उपयोग कर उपांतरित (Modify), अर्थात् संशोधित किया गया था। उक्त आदेश पूर्ण रूप से निरस्त किया जाता है।

अत: म0प्र0 राज्य शासन द्वारा मध्य प्रदेश नगर तथा ग्राम निवेश अधिनियम 1973 की धारा-52(1)(ग) के तहत लोक हित में उज्जैन विकास प्राधिकरण की प्रस्तावित नगर विकास स्कीम क्रमांक 8, 9, 10 एवं 11 को प्रतिसंहरित कर पूर्ण रूप से निरस्त की जाती है। अत: उपरोक्त आदेश को राजपत्र (गजट) में प्रकाशन किया जायें।

मध्य प्रदेश के राज्यपाल के नाम से
तथा आदेशानुसार
(सी.के.साधव)
उप सचिव
मध्य प्रदेश शासन
नगरीय विकास एवं आवास विभाग

भोपाल, दिनांक 16 /12/2025

पृ0 क्रमांक TNCP/4/1/0066/2025/18-6

प्रतिलिपि:-

1. विशेष सहायक, माननीय मंत्री जी, नगरीय विकास एवं आवास विभाग,
2. आयुक्त सह संचालक, नगर तथा ग्राम निवेश, म0प्र0 भोपाल,
3. आयुक्त, उज्जैन संभाग, उज्जैन,
4. मुख्य कार्यपालन अधिकारी, उज्जैन विकास प्राधिकरण, उज्जैन,
5. उप नियंत्रक, शासकीय केन्द्रीय मुद्रणालय, भोपाल,

की ओर सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।

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Chandrakant Sadhav
Date: 16-12-2025
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उप सचिव
मध्य प्रदेश शासन
नगरीय विकास एवं आवास विभाग

Annexure-04

कार्यालय सयुक्त सचालक, नगर तथा ग्राम निवेश, उज्जैन म.प्र.

(भरतपुरी यू.डी.ए. भवन द्वितीय तल उज्जैन)
दूरभाष क्रमांक: 0734-2510597 ई-मेल पता: Ujjain@mptownplan.gov.in

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क्रमांक/I/856737/2026 /नग्रानि/तक./2026 उज्जैन, दिनांक02-03-2026

प्रति,

क्षेत्रीय अधिकारी, क्षेत्रीय कार्यालय म.प्र. प्रदूषण नियंत्रण बोर्ड उज्जैन म.प्र.

विषय: - माननीय राष्ट्रीय हरित अधिकरण भोपाल बेंच के प्रकरण क्रमांक Original Application No. 161/2025 (CZ) Ramesh Dwivedi & Anr. V/s original Madhya Pradesh & ors. में दिनांक 06.01.2026. को पारित आदेश के अनुपालन में संयुक्त समिति द्वारा स्थल निरीक्षण किए जाने के संबंध में।

संदर्भ: - क्षेत्रीय अधिकारी, क्षेत्रीय कार्यालय म.प्र. पदूषण नियंत्रण बोर्ड उज्जैन का पत्र क्रमांक 2719/प्रोनिबो/क्षेकाउ/2026 उज्जैन दिनांक 27.02.2026.

--00--

उपरोक्त विषयांतर्गत संदर्भित पत्र द्वारा दिनांक 28 फरवरी 2026 (शनिवार) को कार्यालय कलेक्टर जिला उज्जैन के सभाकक्ष में बैठक आयोजित की गई थी। उक्त बैठक में इस कार्यालय का प्रतिवेदन चाहा गया है, जो निम्नानुसार है: -

अंगीकृत उज्जैन विकास योजना 2035 के अध्याय 6 की कंडिका 6.27 संवेदनशील क्षेत्रों हेतु नियमन में उल्लेखानुसार क्षिप्रा नदी के दोनों ओर 200-200 मीटर क्षेत्र का संरक्षण किया जाना प्रस्तावित है।इस क्षेत्र में आवासीय, वाणिज्यिक अथवा सार्वजनिक / अर्द्धसार्वजनिक विकास निषेधित किए गए है। क्षिप्रा नदी के तट से 100.00 मीटर की दूरी तक रिवर फ्रंट डेव्लपमेंट योजना के अंतर्गत सौन्दर्याकरण एवं सुविधाओं, घाटों का विकास एवं अन्य जल स्त्रोत के संरक्षण तथा सुरक्षा हेतु आवश्यक अधोसंरचना का विकास किया जा सकेगा।
विकास इस प्रकार किया जायेगा जिससे किसी भी प्रकार का प्रदूषण क्षिप्रा में सीधे न मिले। इसके अतिरिक्त क्षिप्रा नदी के किनारे से 100.00 मीटर की प्रतिबंधित दूरी के पश्चात् 100.00 मीटर तक के क्षेत्र में आश्रम, मठ, प्रवचन हॉल, धर्मशाला एवं रिसोर्ट गतिविधियां निम्न शर्तों के साथ स्वीकार्य की जा सकेंगी :-

(अ) भूखण्ड का न्यनतम आकार 2.00 हेक्टेयर होगा,
(ब) अधिकतम तल क्षेत्र अनुपात (एफ.ए.आर.) 1:0.05 होगा,
(स) ढलुआ छत सहित संरचना की अधिकतम ऊँचाई 7.50 मीटर होगी,
(द) परिसर में न्यूनतम 100 जीवित वृक्ष प्रति हेक्टेयर के मान से वृक्ष लगाना होगा,
(ई) परिसर तक पहुँच मार्ग की न्यूनतम चौड़ाई 12.0 मीटर आवश्यक होगी,
(फ) परिसर में सभी ओर से न्यूनतम 10.0 मीटर सीमान्त खुला क्षेत्र छोडना होगा।

संलग्न: - उपरोक्तानुसार।

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Vishnu Khare
Date: 02-03-2026
17:51:32

(विष्णु खरे)
संयुक्त संचालक
नगर तथा ग्राम निवेश
उज्जैन म.प्र.

6.27 संवेदनशील क्षेत्रों हेतु नियमन

संवेदनशील क्षेत्र में विकास की गतिविधियां निम्नानुसार नियंत्रित किया जाना हैं :–

1. क्षिप्रा नदी के दोनों ओर 200–200 मीटर क्षेत्र का संरक्षण किया जाना प्रस्तावित है। इस क्षेत्र में आवासीय, वाणिज्यिक अथवा सार्वजनिक/अर्द्धसार्वजनिक विकास निषेधित किए गए है। क्षिप्रा नदी के तट से 100.00 मीटर की दूरी तक रिवर फ्रंट डेव्लपमेंट योजना के अंतर्गत सौन्दर्यीकरण एवं सुविधाओं, घाटों का विकास एवं अन्य जल स्त्रोत के संरक्षण तथा सुरक्षा हेतु आवश्यक अधोसंरचना का विकास किया जा सकेगा। विकास इस प्रकार किया जावेगा जिससे किसी भी प्रकार का प्रदूषण क्षिप्रा में सीधे न मिले। इसके अतिरिक्त क्षिप्रा नदी के किनारे से 100.00 मीटर की प्रतिबंधित दूरी के पश्चात् 100.00 मीटर तक के क्षेत्र में आश्रम, मठ, प्रवचन हॉल, धर्मशाला एवं रिसोर्ट गतिविधियां निम्न शर्तों के साथ स्वीकार्य की जा सकेंगी :–
   (अ) भूखण्ड का न्यूनतम आकार 2.00 हेक्टेयर होगा,
   (ब) अधिकतम तल क्षेत्र अनुपात (एफ.ए.आर.) 1:0.05 होगा,
   (स) ढलुआ छत सहित संरचना की अधिकतम ऊँचाई 7.50 मीटर होगी,
   (द) परिसर में न्यूनतम 100 जीवित वृक्ष प्रति हेक्टेयर के मान से वृक्ष लगाना होगा,
   (ई) परिसर तक पहुँच मार्ग की न्यूनतम चौड़ाई 12.0 मीटर आवश्यक होगी,
   (फ) परिसर में सभी ओर से न्यूनतम 10.0 मीटर सीमान्त खुला क्षेत्र छोडना होगा।
2. क्षिप्रा के दोनों ओर उज्जैन में प्रति 12 वर्षो में कुंभ मेले का आयोजन किया जाता है। आवश्यकता होने पर दोनों ओर रोड निर्माण स्वीकृत किया जा सकेगा।
3. नदी, नाले, शाखा नहर एवं अन्य जल स्त्रोतों के किनारे छोड़ा जाने वाला खुला क्षेत्र मध्यप्रदेश भूमि विकास नियम, 2012 के नियमों के अनुसार होगा।
4. नहर की स्थिति में सिंचाई विभाग द्वारा अधिग्रहण की गई भूमियों से दोनों ओर 3.0–3.0 मीटर का क्षेत्र खुला रखा जाएगा।
5. प्रदूषित जल/मल किसी भी स्थिति में नदी में प्रवाहित नहीं किया जावेगा।
6. नाले, शाखा नहर एवं अन्य जल स्त्रोतों के किनारे के क्षेत्रों में भवनों के व्यक्तिगत सेप्टिक टेंक को भवन निर्माण पश्चात् ग्रिडल मल लाईन से जोड़ना अनिवार्य होगा।
7. निवेश क्षेत्र में आने वाले निर्मित भवनों के आच्छादित क्षेत्र में या एफ.ए.आर. में पूर्व की स्वीकृति के अतिरिक्त वृद्धि स्वीकार्य नहीं होगी।
8. नदियों की सुरक्षा एवं जल गुणवत्ता के सुधार एवं संरक्षण हेतु किये जाने वाले कार्य स्वीकार्य होंगे।
9. निम्न श्रेणी के संवदेनशील क्षेत्रों में रख–रखाव से संबंधी कार्य स्वीकार्य होंगे।
   ऐतिहासिक महत्व के क्षेत्र :–
   - नागरिक एवं सांस्कृतिक महत्व के भवन।
   - प्राचीन वास्तुकला भवन यदि निजी अधिपत्य में हो, तो भी।
   - समय–समय पर उत्खनित/खोजे गए विरासतीय भवन।

Annexure – 05

REGIONAL LABORATORY,
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TC-13657

TEST REPORT

ANALYSIS REPORT FOR WATER / WASTE WATER SAMPLE

Report No. 1583/2026
Date of issue: 05-03-2026

Sample from : :- **Piliya Khal Nallah at Ujjain**
Description of Sample: :- Nallah Water
Reference: :- As per Monitoring Package / Payment Basis/Complaint
Sampling Method: :- *APHA 24 th edi. 2023*

Date of Collection :	28-02-2026	**Sample Volume - 1** Litre
Date of Receipt :	28-02-2026	**Plastic bottel & Glass bottel -** Plastic bottel
Start of Analysis :	28-02-2026	**Colletcted by :- Mr. Sudheer Kumar Prinze, Sampler in presence of NGT Committee**
Date of Completion of Analysis:	05-03-2026	**Analysed by :- Mr. Devendra Solanki, Chemist**

Visual Observations :

1 Colour : Grayish
2 Apperance : Turbid
3 Odour : Unpleasant

S.No.	Parameters	Unit	Test Method	Result
1	pH	pH Units	APHA 24 th edi. 2023, Electrometric Method 4500-H+B,	7.38
2	Total Solids	mg/l	APHA 24 th edi. 2023, Gravimetric Method 2540 B	1546
3	Suspended Solids	mg/l	APHA 24 th edi. 2023, Gravimetric Method 2540 D	72
4	Total Dissolved Solids	mg/l	APHA 24 th edi. 2023, Gravimetric Method 2540 C	1474
5	Chloride as Cl^-	mg/l	APHA 24 th edi. 2023, Argentometric Method 4500-Cl--B	284
6	B.O.D.(3 Days 27^0C)	mg/l	IS 3025,Part-44, 2023 (3-Day B.O.D. Test)	48
7	Chemical Oxygen Demand	mg/l	APHA 24 th edi. 2023, Open Reflux Method 5220-B	110
8	Phosphate as PO_4^{3-}-P	mg/l	APHA 24 th edi. 2023, Method ,4500-PD-Stannous Chloride	2.62

INDICATION : □ PARAMETER DOES NOT CONFIRM TO-

1	Standards prescribed by M.P.P.C.B. in M.P. Gazette notification, dated 25-03-1988.
2	Standards prescribed in Enviroment (Protection) Rules 1986.
3	ND- Not Detected , BDL- Below Detectable Limit

Note:-

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(2) No Statutory liability accepted for samples not collected by M.P.P.C.B.

(3) The result relate only to the sampale tested.

(4) Sample received in sealed condition.

(Pratim Khare)
Laboratory In-Charge
Authorized Signatory

End of Test Report

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TC-13657

TEST REPORT

ANALYSIS REPORT FOR WATER / WASTE WATER SAMPLE

Report No. 1584/2026
Date of issue: 05-03-2026

Sample from : :- **STP Outlet water at 92.5 MLD Sewage Treatmen Plant, Ujjain**

Description of Sample: :- STP Outlet Water
Reference: :- As per Monitoring Package / Payment Basis/Complaint
Sampling Method: :- *APHA 24 th edi. 2023*

Date of Collection :	28-02-2026	**Sample Volume - 1** Litre
Date of Receipt :	28-02-2026	**Plastic bottel & Glass bottel -** Plastic bottel
Start of Analysis :	28-02-2026	**Colletcted by :- Mr. Sudheer Kumar Prinze, Sampler in presence of NGT Committee**
Date of Completion of Analysis:	05-03-2026	**Analysed by :- Mr. Devendra Solanki, Chemist**

Visual Observations :

1	Colour :	Colourless
2	Apperance :	Clear
3	Odour :	Odourless

S.No.	Parameters	Unit	Test Method	Result
1	pH	pH Units	APHA 24 th edi. 2023, Electrometric Method 4500-H+B,	7.31
2	Total Solids	mg/l	APHA 24 th edi. 2023, Gravimetric Method 2540 B	988
3	Suspended Solids	mg/l	APHA 24 th edi. 2023, Gravimetric Method 2540 D	10
4	Total Dissolved Solids	mg/l	APHA 24 th edi. 2023, Gravimetric Method 2540 C	978
5	Chloride as Cl^-	mg/l	APHA 24 th edi. 2023, Argentometric Method 4500-Cl--B	112
6	B.O.D.(3 Days 27^0C)	mg/l	IS 3025,Part-44, 2023 (3-Day B.O.D. Test)	9
7	Chemical Oxygen Demand	mg/l	APHA 24 th edi. 2023, Open Reflux Method 5220-B	30
8	Phosphate as PO_4^{3-}-P	mg/l	APHA 24 th edi. 2023, Method ,4500-PD-Stannous Chloride	0.987

INDICATION : □ PARAMETER DOES NOT CONFIRM TO-

1	Standards prescribed by M.P.P.C.B. in M.P. Gazette notification, dated 25-03-1988.
2	Standards prescribed in Enviroment (Protection) Rules 1986.
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(4) Sample received in sealed condition.

Fecal 170

(Pratim Khare)
Laboratory In-Charge
Authorized Signatory

End of Test Report

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TC-13657

TEST REPORT

ANALYSIS REPORT FOR WATER / WASTE WATER SAMPLE

Report No. 1585/2026
Date of issue: 05-03-2026

Sample from : :- **STP Inlet water at 92.5 MLD Sewage Treatmen Plant, Ujjain**

Description of Sample: :- STP Inlet Water
Reference: :- As per Monitoring Package / Payment Basis/Complaint
Sampling Method: :- *APHA 24 th edi. 2023*

Date of Collection :	28-02-2026	**Sample Volume - 1** Litre
Date of Receipt :	28-02-2026	**Plastic bottel & Glass bottel -** Plastic bottel
Start of Analysis :	28-02-2026	**Colletcted by :- Mr. Sudheer Kumar Prinze, Sampler in presence of NGT Committee**
Date of Completion of Analysis:	05-03-2026	**Analysed by :- Mr. Devendra Solanki, Chemist**

Visual Observations :

1 Colour : Grayish
2 Apperance : Turbid
3 Odour : Unpleasant

S.No.	Parameters	Unit	Test Method	Result
1	pH	pH Units	APHA 24 th edi. 2023, Electrometric Method 4500-H+B,	7.82
2	Total Solids	mg/l	APHA 24 th edi. 2023, Gravimetric Method 2540 B	1504
3	Suspended Solids	mg/l	APHA 24 th edi. 2023, Gravimetric Method 2540 D	92
4	Total Dissolved Solids	mg/l	APHA 24 th edi. 2023, Gravimetric Method 2540 C	1412
5	Chloride as Cl^-	mg/l	APHA 24 th edi. 2023, Argentometric Method 4500-Cl--B	236
6	B.O.D.(3 Days 27^0C)	mg/l	IS 3025,Part-44, 2023 (3-Day B.O.D. Test)	38
7	Chemical Oxygen Demand	mg/l	APHA 24 th edi. 2023, Open Reflux Method 5220-B	90
8	Phosphate as PO_4^{3-}-P	mg/l	APHA 24 th edi. 2023, Method ,4500-PD-Stannous Chloride	2.59

INDICATION : □ PARAMETER DOES NOT CONFIRM TO-

1. Standards prescribed by M.P.P.C.B. in M.P. Gazette notification, dated 25-03-1988.
2. Standards prescribed in Enviroment (Protection) Rules 1986.
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(4) Sample received in sealed condition.

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End of Test Report

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TC-13657

TEST REPORT

ANALYSIS REPORT FOR WATER / WASTE WATER SAMPLE

Report No. 1586/2026
Date of issue: 05-03-2026

Sample from : :- **Siddhawat Nallah at Ujjain**
Description of Sample: :- Nallah Water
Reference: :- As per Monitoring Package / Payment Basis/Complaint
Sampling Method: :- *APHA 24 th edi. 2023*

Date of Collection :	28-02-2026	**Sample Volume - 1** Litre
Date of Receipt :	28-02-2026	**Plastic bottel & Glass bottel -** Plastic bottel
Start of Analysis :	28-02-2026	**Colletcted by :- Mr. Sudheer Kumar Prinze, Sampler in presence of NGT Committee**
Date of Completion of Analysis:	05-03-2026	**Analysed by :- Mr. Devendra Solanki, Chemist**

Visual Observations :

1 Colour : Greenish
2 Apperance : Turbid
3 Odour : Unpleasant

S.No.	Parameters	Unit	Test Method	Result
1	pH	pH Units	APHA 24 th edi. 2023, Electrometric Method 4500-H+B,	**8.72**
2	Total Solids	mg/l	APHA 24 th edi. 2023, Gravimetric Method 2540 B	**2044**
3	Suspended Solids	mg/l	APHA 24 th edi. 2023, Gravimetric Method 2540 D	**128**
4	Total Dissolved Solids	mg/l	APHA 24 th edi. 2023, Gravimetric Method 2540 C	**1916**
5	Chloride as Cl^-	mg/l	APHA 24 th edi. 2023, Argentometric Method 4500-Cl--B	**426**
6	B.O.D.(3 Days 27^0C)	mg/l	IS 3025,Part-44, 2023 (3-Day B.O.D. Test)	**70**
7	Chemical Oxygen Demand	mg/l	APHA 24 th edi. 2023, Open Reflux Method 5220-B	**190**
8	Phosphate as PO_4^{3-}-P	mg/l	APHA 24 th edi. 2023, Method ,4500-PD-Stannous Chloride	**3.16**

INDICATION : □ PARAMETER DOES NOT CONFIRM TO-

1	Standards prescribed by M.P.P.C.B. in M.P. Gazette notification, dated 25-03-1988.
2	Standards prescribed in Enviroment (Protection) Rules 1986.
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TC-13657

TEST REPORT

ANALYSIS REPORT FOR WATER / WASTE WATER SAMPLE

Report No. 1587/2026
Date of issue: 05-03-2026

Sample from : :- **River Kshipra at Siddhawat Ghat, Ujjain**
Description of Sample: :- River Water
Reference: :- As per Monitoring Package / Payment Basis/Complaint
Sampling Method: :- *APHA 24 th edi. 2023*

Date of Collection :	28-02-2026	**Sample Volume** - 2 Litre
Date of Receipt :	28-02-2026	**Plastic bottel & Glass bottel -** Plastic bottel
Start of Analysis :	28-02-2026	**Colletcted by :- Mr. Sudheer Kumar Prinze, Sampler in presence of NGT Committee**
Date of Completion of Analysis:	05-03-2026	**Analysed by :- Mr. Devendra Solanki, Chemist**

Preservation Status : As per Protocol
Visual Observations :
1 Colour : Colourless
2 Apperance : Clear
3 Odour : Odourless

S.No.	Parameters	Unit	Test Method	Result
1	Temperature	Centigrade	APHA 24 th edi. 2023, 2550 B, IS:3025 (Part-9)-1984	25
2	pH	pH Units	APHA 24 th edi. 2023, Electrometric Method 4500-H+B,	7.39
3	Specific Conductance	micromho/cm	APHA 24 th edi. 2023, By Conductivity Meter 2510-B	1406
4	Turbidity	N.T.U.	APHA 24 th edi. 2023, Nephelometric Method 2130-B	10.6
5	Chloride as Cl^-	mg/l	APHA 24 th edi. 2023, Argentometric Method 4500-Cl--B	194
6	Total Alkalinity as $CaCo_3$	mg/l	APHA 24 th edi. 2023, Titrimetric Method 2320-B	624
7	Total Hardness as $CaCo_3$	mg/l	APHA 24 th edi. 2023, EDTA Titrimetric Method 2340-C	542
8	Calcium Hardness as $CaCo_3$	mg/l	APHA 24 th edi. 2023, EDTA Titrimetric Mehod 3500-Ca-B	282
9	Magnesium Hardness as $CaCo_3$	mg/l	APHA 24 th edi. 2023, Calculation Method 2340-B	260
10	Dissolved Oxygen	mg/l	APHA 24 th edi. 2023, Azide Modification 4500-OC	5.9
11	Total Solids	mg/l	APHA 24 th edi. 2023, Gravimetric Method 2540 B	1010
12	Suspended Solids	mg/l	APHA 24 th edi. 2023, Gravimetric Method 2540 D	24
13	Total Dissolved Solids	mg/l	APHA 24 th edi. 2023, Gravimetric Method 2540 C	986
14	B.O.D.(3 Days 27^0C)	mg/l	IS 3025,Part-44, 2023 (3-Day B.O.D. Test)	12
15	Chemical Oxygen Demand	mg/l	APHA 24 th edi. 2023, Open Reflux Method 5220-B	30
16	Ammonical Nitrogen as NH_3-N	mg/l	APHA 24 th edi. 2023, Phenate Method 4500-NH3F	8.64
17	Nitrite as NO_2^--N	mg/l	APHA 24 th edi. 2023, Colorimetric Method 4500-NO2-B	0.047
18	Nitrate as NO_3^--N	mg/l	APHA 24 th edi. 2023, UV Spectrometer Method 4500-NO3-B	1.13
19	Phosphate as PO_4^{3-}-P	mg/l	APHA 24 th edi. 2023, Method ,4500-PD-Stannous Chloride	0.987
20	Sulphate as SO_4^{2-}	mg/l	APHA 24 th edi. 2023, Turbidimetric Method 4500-E	90
21	Sodium as Na	mg/l	APHA 24 th edi. 2023, Flame photometer Method 3500-Na-B	132
22	Potassium as K	mg/l	APHA 24 th edi. 2023, Flame photometer Method 3500-K-B	8.11
23	Fluoride	mg/l	APHA 24 th edi. 2023, Standard Method	0.167

INDICATION : □ PARAMETER DOES NOT CONFIRM TO-

1	Standards prescribed by M.P.P.C.B. in M.P. Gazette notification, dated 25-03-1988.
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(4) Sample received in sealed condition.

(Pratim Khare)
Laboratory In-Charge
Authorized Signatory

End of Test Report

REGIONAL LABORATORY,
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TEST REPORT

ANALYSIS REPORT FOR WATER / WASTE WATER SAMPLE

Report No. 1587/2026
Date of issue: 05-03-2026

Sample from : :- **River Kshipra at Siddhawat Ghat, Ujjain**
Description of Sample: :- River Water
Reference: :- As per Monitoring Package / Payment Basis/Complaint
Sampling Method: :- *APHA 24 th edi. 2023*

Date of Collection :	28-02-2026	**Sample Volume -** 2 Litre
Date of Receipt :	28-02-2026	**Plastic bottel & Glass bottel -** Plastic bottel
Start of Analysis :	28-02-2026	**Colletcted by :- Mr. Sudheer Kumar Prinze, Sampler in presence of NGT Committee**
Date of Completion of Analysis:	05-03-2026	**Analysed by :- Mr. Devendra Solanki, Chemist**

S.No.	Parameters	Unit	Test Method	Result
1	Total Coliform	MPN/100ml	APHA 24 th edi. 2023, Standard Method	>1600
2	Fecal Coliform	MPN/100ml	APHA 24 th edi. 2023, Standard Method	>1600

INDICATION : □ PARAMETER DOES NOT CONFIRM TO-

1	Standards prescribed by M.P.P.C.B. in M.P. Gazette notification, dated 25-03-1988.
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TC-13657

TEST REPORT

ANALYSIS REPORT FOR WATER / WASTE WATER SAMPLE

Report No. 1588/2026
Date of issue: 05-03-2026

Sample from : :- **River Kshipra at Ramghat, Ujjain**
Description of Sample: :- River Water
Reference: :- As per Monitoring Package / Payment Basis/Complaint
Sampling Method: :- *APHA 24 th edi. 2023*

Date of Collection :	28-02-2026	**Sample Volume -** 2 Litre
Date of Receipt :	28-02-2026	**Plastic bottel & Glass bottel -** Plastic bottel
Start of Analysis :	28-02-2026	**Colletcted by :- Mr. Sudheer Kumar Prinze, Sampler in presence of NGT Committee**
Date of Completion of Analysis:	05-03-2026	**Analysed by :- Mr. Devendra Solanki, Chemist**

Preservation Status : As per Protocol
Visual Observations :
1 Colour : Colourless
2 Apperance : Clear
3 Odour : Odourless

S.No.	Parameters	Unit	Test Method	Result
1	Temperature	Centigrade	APHA 24 th edi. 2023, 2550 B, IS:3025 (Part-9)-1984	25
2	pH	pH Units	APHA 24 th edi. 2023, Electrometric Method 4500-H+B,	7.93
3	Specific Conductance	micromho/cm	APHA 24 th edi. 2023, By Conductivity Meter 2510-B	1337
4	Turbidity	N.T.U.	APHA 24 th edi. 2023, Nephelometric Method 2130-B	15.6
5	Chloride as Cl^-	mg/l	APHA 24 th edi. 2023, Argentometric Method 4500-Cl--B	186
6	Total Alkalinity as $CaCo_3$	mg/l	APHA 24 th edi. 2023, Titrimetric Method 2320-B	520
7	Total Hardness as $CaCo_3$	mg/l	APHA 24 th edi. 2023, EDTA Titrimetric Method 2340-C	522
8	Calcium Hardness as $CaCo_3$	mg/l	APHA 24 th edi. 2023, EDTA Titrimetric Mehod 3500-Ca-B	252
9	Magnesium Hardness as $CaCo_3$	mg/l	APHA 24 th edi. 2023, Calculation Method 2340-B	270
10	Dissolved Oxygen	mg/l	APHA 24 th edi. 2023, Azide Modification 4500-OC	6.6
11	Total Solids	mg/l	APHA 24 th edi. 2023, Gravimetric Method 2540 B	952
12	Suspended Solids	mg/l	APHA 24 th edi. 2023, Gravimetric Method 2540 D	18
13	Total Dissolved Solids	mg/l	APHA 24 th edi. 2023, Gravimetric Method 2540 C	934
14	B.O.D.(3 Days 27^0C)	mg/l	IS 3025,Part-44, 2023 (3-Day B.O.D. Test)	8
15	Chemical Oxygen Demand	mg/l	APHA 24 th edi. 2023, Open Reflux Method 5220-B	30
16	Ammonical Nitrogen as NH_3-N	mg/l	APHA 24 th edi. 2023, Phenate Method 4500-NH3F	8.17
17	Nitrite as NO_2^--N	mg/l	APHA 24 th edi. 2023, Colorimetric Method 4500-NO_2-B	0.031
18	Nitrate as NO_3^--N	mg/l	APHA 24 th edi. 2023, UV Spectrometer Method 4500-NO3-B	1.16
19	Phosphate as PO_4^{3-}-P	mg/l	APHA 24 th edi. 2023, Method ,4500-PD-Stannous Chloride	0.327
20	Sulphate as SO_4^{2-}	mg/l	APHA 24 th edi. 2023, Turbidimetric Method 4500-E	89
21	Sodium as Na	mg/l	APHA 24 th edi. 2023, Flame photometer Method 3500-Na-B	112
22	Potassium as K	mg/l	APHA 24 th edi. 2023, Flame photometer Method 3500-K-B	6.17
23	Fluoride	mg/l	APHA 24 th edi. 2023, Standard Method	0.169

INDICATION : □ PARAMETER DOES NOT CONFIRM TO-

1	Standards prescribed by M.P.P.C.B. in M.P. Gazette notification, dated 25-03-1988.
2	Standards prescribed in Enviroment (Protection) Rules 1986.
3	ND- Not Detected , BDL- Below Detectable Limit

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(3) The result relate only to the sampale tested.

(4) Sample received in sealed condition.

End of Test Report

(Pratim Khare)
Laboratory In-Charge
Authorized Signatory

REGIONAL LABORATORY,
M.P. POLLUTION CONTROL BOARD, UJJAIN (M.P.)
17, BHARATPURI, UJJAIN - 456001
Phone 0734-2510984, Email : rlmppcbujjain@gmail.com

TEST REPORT

ANALYSIS REPORT FOR WATER / WASTE WATER SAMPLE

Report No. 1588/2026
Date of issue: 05-03-2026

Sample from : :- **River Kshipra at Ramghat, Ujjain**
Description of Sample: :- River Water
Reference: :- As per Monitoring Package / Payment Basis/Complaint
Sampling Method: :- *APHA 24 th edi. 2023*

Date of Collection :		28-02-2026	Sample Volume - 2 Litre
Date of Receipt :		28-02-2026	Plastic bottel & Glass bottel - Plastic bottel
Start of Analysis :		28-02-2026	Colletcted by :- Mr. Sudheer Kumar Prinze, Sampler in presence of NGT Committee
Date of Completion of Analysis:		05-03-2026	Analysed by :- Mr. Devendra Solanki, Chemist

S.No.	Parameters	Unit	Test Method	Result
1	Total Coliform	MPN/100ml	APHA 24 th edi. 2023, Standard Method	>1600
2	Fecal Coliform	MPN/100ml	APHA 24 th edi. 2023, Standard Method	920

INDICATION : □ PARAMETER DOES NOT CONFIRM TO-

1	Standards prescribed by M.P.P.C.B. in M.P. Gazette notification, dated 25-03-1988.
2	Standards prescribed in Enviroment (Protection) Rules 1986.
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(4) Sample received in sealed condition.

(Pratim Khare)
Laboratory In-Charge

End of Test Report

Authorized Signatory

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TC-13657

TEST REPORT

ANALYSIS REPORT FOR WATER / WASTE WATER SAMPLE

Report No. 1589/2026
Date of issue: 05-03-2026

Sample from : :- **Nallah Water at Moti Nagar, Ujjain**
Description of Sample: :- Nallah Water
Reference: :- As per Monitoring Package / Payment Basis/Complaint
Sampling Method: :- *APHA 24 th edi. 2023*

Date of Collection :	28-02-2026	**Sample Volume - 1** Litre
Date of Receipt :	28-02-2026	**Plastic bottel & Glass bottel -** Plastic bottel
Start of Analysis :	28-02-2026	**Colletcted by :- Mr. Sudheer Kumar Prinze, Sampler in presence of NGT Committee**
Date of Completion of Analysis:	05-03-2026	**Analysed by :- Mr. Devendra Solanki, Chemist**

Visual Observations :

1 Colour : Grayish
2 Apperance : Turbid
3 Odour : Unpleasant

S.No.	Parameters	Unit	Test Method	Result
1	pH	pH Units	APHA 24 th edi. 2023, Electrometric Method 4500-H+B,	7.29
2	Total Solids	mg/l	APHA 24 th edi. 2023, Gravimetric Method 2540 B	2002
3	Suspended Solids	mg/l	APHA 24 th edi. 2023, Gravimetric Method 2540 D	136
4	Total Dissolved Solids	mg/l	APHA 24 th edi. 2023, Gravimetric Method 2540 C	1866
5	Chloride as Cl^-	mg/l	APHA 24 th edi. 2023, Argentometric Method 4500-Cl--B	294
6	B.O.D.(3 Days 27^0C)	mg/l	IS 3025,Part-44, 2023 (3-Day B.O.D. Test)	48
7	Chemical Oxygen Demand	mg/l	APHA 24 th edi. 2023, Open Reflux Method 5220-B	140
8	Phosphate as PO_4^{3-}-P	mg/l	APHA 24 th edi. 2023, Method ,4500-PD-Stannous Chloride	2.86

INDICATION : □ PARAMETER DOES NOT CONFIRM TO-

1. Standards prescribed by M.P.P.C.B. in M.P. Gazette notification, dated 25-03-1988.
2. Standards prescribed in Enviroment (Protection) Rules 1986.
3. **ND- Not Detected , BDL- Below Detectable Limit**

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(4) Sample received in sealed condition.

(Pratim Khare)
Laboratory In-Charge
Authorized Signatory

End of Test Report

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TC-13657

TEST REPORT

ANALYSIS REPORT FOR WATER / WASTE WATER SAMPLE

Report No. 1590/2026
Date of issue: 05-03-2026

Sample from : :- **Nallah Water at Hatkehswar Vihar, Ujjain**
Description of Sample: :- Nallah Water
Reference: :- As per Monitoring Package / Payment Basis/Complaint
Sampling Method: :- *APHA 24 th edi. 2023*

Date of Collection :	28-02-2026	**Sample Volume - 1** Litre
Date of Receipt :	28-02-2026	**Plastic bottel & Glass bottel -** Plastic bottel
Start of Analysis :	28-02-2026	**Colletcted by :- Mr. Sudheer Kumar Prinze, Sampler in presence of NGT Committee**
Date of Completion of Analysis:	05-03-2026	**Analysed by :- Mr. Devendra Solanki, Chemist**

Visual Observations :

1	Colour :	Grayish
2	Apperance :	Turbid
3	Odour :	Unpleasant

S.No.	Parameters	Unit	Test Method	Result
1	pH	pH Units	APHA 24 th edi. 2023, Electrometric Method 4500-H+B,	7.69
2	Total Solids	mg/l	APHA 24 th edi. 2023, Gravimetric Method 2540 B	1680
3	Suspended Solids	mg/l	APHA 24 th edi. 2023, Gravimetric Method 2540 D	66
4	Total Dissolved Solids	mg/l	APHA 24 th edi. 2023, Gravimetric Method 2540 C	1614
5	Chloride as Cl^-	mg/l	APHA 24 th edi. 2023, Argentometric Method 4500-Cl--B	368
6	B.O.D.(3 Days 27^0C)	mg/l	IS 3025,Part-44, 2023 (3-Day B.O.D. Test)	52
7	Chemical Oxygen Demand	mg/l	APHA 24 th edi. 2023, Open Reflux Method 5220-B	120
8	Phosphate as PO_4^{3-}-P	mg/l	APHA 24 th edi. 2023, Method ,4500-PD-Stannous Chloride	2.74

INDICATION : □ PARAMETER DOES NOT CONFIRM TO-

1	Standards prescribed by M.P.P.C.B. in M.P. Gazette notification, dated 25-03-1988.
2	Standards prescribed in Enviroment (Protection) Rules 1986.
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(Pratim Khare)
Laboratory In-Charge
Authorized Signatory

End of Test Report

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TC-13657

TEST REPORT

ANALYSIS REPORT FOR WATER / WASTE WATER SAMPLE

Report No. 1591/2026
Date of issue: 05-03-2026

Sample from : :- **River Kshipra 1 K.M. D/S at Shanti Palace, Ujjain**
Description of Sample: :- River Water
Reference: :- As per Monitoring Package / Payment Basis/Complaint
Sampling Method: :- *APHA 24 th edi. 2023*

Date of Collection :	28-02-2026	**Sample Volume** - 2 Litre
Date of Receipt :	28-02-2026	**Plastic bottel & Glass bottel** - Plastic bottel
Start of Analysis :	28-02-2026	**Colletcted by :- Mr. Sudheer Kumar Prinze, Sampler in presence of NGT Committee**
Date of Completion of Analysis:	05-03-2026	**Analysed by :- Mr. Devendra Solanki, Chemist**

Preservation Status : As per Protocol
Visual Observations :
1 Colour : Colourless
2 Apperance : Clear
3 Odour : Odourless

S.No.	Parameters	Unit	Test Method	Result
1	Temperature	Centigrade	APHA 24 th edi. 2023, 2550 B, IS:3025 (Part-9)-1984	25
2	pH	pH Units	APHA 24 th edi. 2023, Electrometric Method 4500-H+B,	7.89
3	Specific Conductance	micromho/cm	APHA 24 th edi. 2023, By Conductivity Meter 2510-B	1403
4	Turbidity	N.T.U.	APHA 24 th edi. 2023, Nephelometric Method 2130-B	10.4
5	Chloride as Cl^-	mg/l	APHA 24 th edi. 2023, Argentometric Method 4500-Cl--B	187
6	Total Alkalinity as $CaCo_3$	mg/l	APHA 24 th edi. 2023, Titrimetric Method 2320-B	606
7	Total Hardness as $CaCo_3$	mg/l	APHA 24 th edi. 2023, EDTA Titrimetric Method 2340-C	474
8	Calcium Hardness as $CaCo_3$	mg/l	APHA 24 th edi. 2023, EDTA Titrimetric Mehod 3500-Ca-B	312
9	Magnesium Hardness as $CaCo_3$	mg/l	APHA 24 th edi. 2023, Calculation Method 2340-B	162
10	Dissolved Oxygen	mg/l	APHA 24 th edi. 2023, Azide Modification 4500-OC	6.9
11	Total Solids	mg/l	APHA 24 th edi. 2023, Gravimetric Method 2540 B	994
12	Suspended Solids	mg/l	APHA 24 th edi. 2023, Gravimetric Method 2540 D	16
13	Total Dissolved Solids	mg/l	APHA 24 th edi. 2023, Gravimetric Method 2540 C	978
14	B.O.D.(3 Days 27^0C)	mg/l	IS 3025,Part-44, 2023 (3-Day B.O.D. Test)	9
15	Chemical Oxygen Demand	mg/l	APHA 24 th edi. 2023, Open Reflux Method 5220-B	20
16	Ammonical Nitrogen as NH_3-N	mg/l	APHA 24 th edi. 2023, Phenate Method 4500-NH3F	8.11
17	Nitrite as NO_2^--N	mg/l	APHA 24 th edi. 2023, Colorimetric Method 4500-NO2-B	0.052
18	Nitrate as NO_3^--N	mg/l	APHA 24 th edi. 2023, UV Spectrometer Method 4500-NO3-B	0.987
19	Phosphate as PO_4^{3-}-P	mg/l	APHA 24 th edi. 2023, Method ,4500-PD-Stannous Chloride	0.617
20	Sulphate as SO_4^{2-}	mg/l	APHA 24 th edi. 2023, Turbidimetric Method 4500-E	88
21	Sodium as Na	mg/l	APHA 24 th edi. 2023, Flame photometer Method 3500-Na-B	113
22	Potassium as K	mg/l	APHA 24 th edi. 2023, Flame photometer Method 3500-K-B	6.1
23	Fluoride	mg/l	APHA 24 th edi. 2023, Standard Method	0.159

INDICATION : □ PARAMETER DOES NOT CONFIRM TO-

1	Standards prescribed by M.P.P.C.B. in M.P. Gazette notification, dated 25-03-1988.
2	Standards prescribed in Enviroment (Protection) Rules 1986.
3	ND- Not Detected , BDL- Below Detectable Limit

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(4) Sample received in sealed condition.

(Pratim Khare)
Laboratory In-Charge
Authorized Signatory

End of Test Report

REGIONAL LABORATORY,
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TEST REPORT

ANALYSIS REPORT FOR WATER / WASTE WATER SAMPLE

Report No. 1591/2026
Date of issue: 05-03-2026

Sample from : :- **River Kshipra 1 K.M. D/S at Shanti Palace, Ujjain**
Description of Sample: :- River Water
Reference: :- As per Monitoring Package / Payment Basis/Complaint
Sampling Method: :- *APHA 24 th edi. 2023*

Date of Collection :	28-02-2026	**Sample Volume** - 2 Litre	
Date of Receipt :	28-02-2026	**Plastic bottel & Glass bottel** - Plastic bottel	
Start of Analysis :	28-02-2026	**Colletcted by :- Mr. Sudheer Kumar Prinze, Sampler in presence of NGT Committee**	
Date of Completion of Analysis:	05-03-2026	**Analysed by :- Mr. Devendra Solanki, Chemist**	

S.No.	Parameters	Unit	Test Method	Result
1	Total Coliform	MPN/100ml	APHA 24 th edi. 2023, Standard Method	>1600
2	Fecal Coliform	MPN/100ml	APHA 24 th edi. 2023, Standard Method	920

INDICATION : □ PARAMETER DOES NOT CONFIRM TO-

1	Standards prescribed by M.P.P.C.B. in M.P. Gazette notification, dated 25-03-1988.
2	Standards prescribed in Enviroment (Protection) Rules 1986.
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(4) Sample received in sealed condition.

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End of Test Report

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TC-13657

TEST REPORT

ANALYSIS REPORT FOR WATER / WASTE WATER SAMPLE

Report No. 1592/2026
Date of issue: 05-03-2026

Sample from : :- **STP Inlet Water at Sadawal, Ujjain**
Description of Sample: :- STP Inlet Water
Reference: :- As per Monitoring Package / Payment Basis/Complaint
Sampling Method: :- *APHA 24 th edi. 2023*

Date of Collection :	28-02-2026	**Sample Volume - 1** Litre
Date of Receipt :	28-02-2026	**Plastic bottel & Glass bottel -** Plastic bottel
Start of Analysis :	28-02-2026	**Colletcted by :- Mr. Sudheer Kumar Prinze, Sampler in presence of NGT Committee**
Date of Completion of Analysis:	05-03-2026	**Analysed by :- Mr. Devendra Solanki, Chemist**

Visual Observations :

1 Colour : Blackish
2 Apperance : Turbid
3 Odour : Unpleasant

S.No.	Parameters	Unit	Test Method	Result
1	pH	pH Units	APHA 24 th edi. 2023, Electrometric Method 4500-H+B,	**7.22**
2	Total Solids	mg/l	APHA 24 th edi. 2023, Gravimetric Method 2540 B	**1626**
3	Suspended Solids	mg/l	APHA 24 th edi. 2023, Gravimetric Method 2540 D	**124**
4	Total Dissolved Solids	mg/l	APHA 24 th edi. 2023, Gravimetric Method 2540 C	**1502**
5	Chloride as Cl^-	mg/l	APHA 24 th edi. 2023, Argentometric Method 4500-Cl--B	**246**
6	B.O.D.(3 Days 27^0C)	mg/l	IS 3025,Part-44, 2023 (3-Day B.O.D. Test)	**42**
7	Chemical Oxygen Demand	mg/l	APHA 24 th edi. 2023, Open Reflux Method 5220-B	**110**
8	Phosphate as PO_4^{3-}-P	mg/l	APHA 24 th edi. 2023, Method ,4500-PD-Stannous Chloride	**2.67**

INDICATION : □ PARAMETER DOES NOT CONFIRM TO-

1 Standards prescribed by M.P.P.C.B. in M.P. Gazette notification, dated 25-03-1988.
2 Standards prescribed in Enviroment (Protection) Rules 1986.
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(Pratim Khare)
Laboratory In-Charge
Authorized Signatory

End of Test Report

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TC-13657

TEST REPORT

ANALYSIS REPORT FOR WATER / WASTE WATER SAMPLE

Report No. 1593/2026
Date of issue: 05-03-2026

Sample from : :- **STP Outlet Water at Sadawal, Ujjain**
Description of Sample: :- STP Outlet Water
Reference: :- As per Monitoring Package / Payment Basis/Complaint
Sampling Method: :- *APHA 24 th edi. 2023*

Date of Collection :	28-02-2026	**Sample Volume - 1** Litre
Date of Receipt :	28-02-2026	**Plastic bottel & Glass bottel -** Plastic bottel
Start of Analysis :	28-02-2026	**Colletcted by :- Mr. Sudheer Kumar Prinze, Sampler in presence of NGT Committee**
Date of Completion of Analysis:	05-03-2026	**Analysed by :- Mr. Devendra Solanki, Chemist**

Visual Observations :

1 Colour : Colourless
2 Apperance : Clear
3 Odour : Odourless

S.No.	Parameters	Unit	Test Method	Result
1	pH	pH Units	APHA 24 th edi. 2023, Electrometric Method 4500-H+B,	7.12
2	Total Solids	mg/l	APHA 24 th edi. 2023, Gravimetric Method 2540 B	984
3	Suspended Solids	mg/l	APHA 24 th edi. 2023, Gravimetric Method 2540 D	14
4	Total Dissolved Solids	mg/l	APHA 24 th edi. 2023, Gravimetric Method 2540 C	970
5	Chloride as Cl^-	mg/l	APHA 24 th edi. 2023, Argentometric Method 4500-Cl--B	147
6	B.O.D.(3 Days 27^0C)	mg/l	IS 3025,Part-44, 2023 (3-Day B.O.D. Test)	32
7	Chemical Oxygen Demand	mg/l	APHA 24 th edi. 2023, Open Reflux Method 5220-B	90
8	Phosphate as PO_4^{3-}-P	mg/l	APHA 24 th edi. 2023, Method ,4500-PD-Stannous Chloride	0.82

INDICATION : □ PARAMETER DOES NOT CONFIRM TO-

1	Standards prescribed by M.P.P.C.B. in M.P. Gazette notification, dated 25-03-1988.
2	Standards prescribed in Enviroment (Protection) Rules 1986.
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End of Test Report