

# **INSPECTION REPORT**

**Original Application**

**No.12/2022**

**Subhash C panday**

**V/s**

**State of Madhya Pradesh & Ors.**

**With reference to order dated 11.02.2022**

## **INSPECTION REPORT**

**Subject: Visit of Kerwa Reservoir and its surrounding area dated 08/02/2022 in view of encroachment with reference to complaint of Dr Subhash Pandey dated 15/01/2022.**

In reference to the complaint received from Dr Subhash Pandey & Shri Rashid Noor Khan vide letter no. 108/C/01/22 dated 15/01/2022 regarding encroachment on Kerwa reservoir, a visit was conducted by the officials of Regional Office, MPPCB Bhopal on 08/02/2022. The complainants Dr Subhash Pandey and Shri Rashid Noor Khan were also present during the visit. The observations noted during the visit are as follows:

1. The GPS location of the sites visited during the inspection have been recorded with the help of mobile-based GPS application. The google map of the sites visited and the photographs taken during the inspection are enclosed in **Annexure – 01**.
2. Kerwa dam is located on south-west side of Bhopal city approx 5.0 Km away from the nearest residential area Kolar Road.
3. The Kerwa dam is used for the water supply and irrigation purposes. The water quality monitoring of the reservoir at intake well is carried out by MPPCB on regular basis and the parameters falls between A & B category as per IS: 2296.
4. The intake well is located on the east direction of the reservoir and the water treatment plant is constructed on the hill-top on east side.
5. The Board officials visited all along the road accessing periphery of Kerwa dam and the status of activities is noted based on the visual observations. The observations are mentioned as under:
  - (i) The development activities of some structures and fencing adjacent to the reservoir were observed.
  - (ii) A barsati nallah joins the Kerwa dam at the road culvert located near Hidden Castle Restaurant, Barkhedi, Kaliasot road. The GPS location of the nallah is 23.17792N, 77.34381E. During inspection, no flow of water was observed in the nallah.
  - (iii) One septic tank was found established at Village Kushalpura in the north-west direction of the Kerwa reservoir. Construction activity and fencing of plots was also found being carried out near the bank of the reservoir at Kushalpura village.
  - (iv) One open drain carrying the wastewater from the hutments of Kushalpura village is observed leading to reservoir.

- (v) Approx. 4 to 5 farmhouses / residential dwelling units were found established near Mulla ki Tekri located in the west direction of the Kerwa reservoir nearby its bank. Construction activity was also found being carried out at the site.
- (vi) Plotting and farming activity was found being carried out near village Mahua Kheda at the bank of Kerwa reservoir in the west direction.
- (vii) Any other drain or flow of wastewater from above locations into reservoir is not observed.

### **Recommendations:**

Based on above observations, following recommendations may be considered for the conservation of reservoir:

1. The wastewater generated from village Kushalpura should be addressed by providing interception and diversion of open drain before meeting the reservoir by Municipal Corporation.
2. Proper demarcation of the reservoir area/green belt area/buffer zone by District Administration/MPWRD/Forest department.
3. Conservation of natural drainage system responsible for the recharging of reservoir by District Administration/MPWRD.

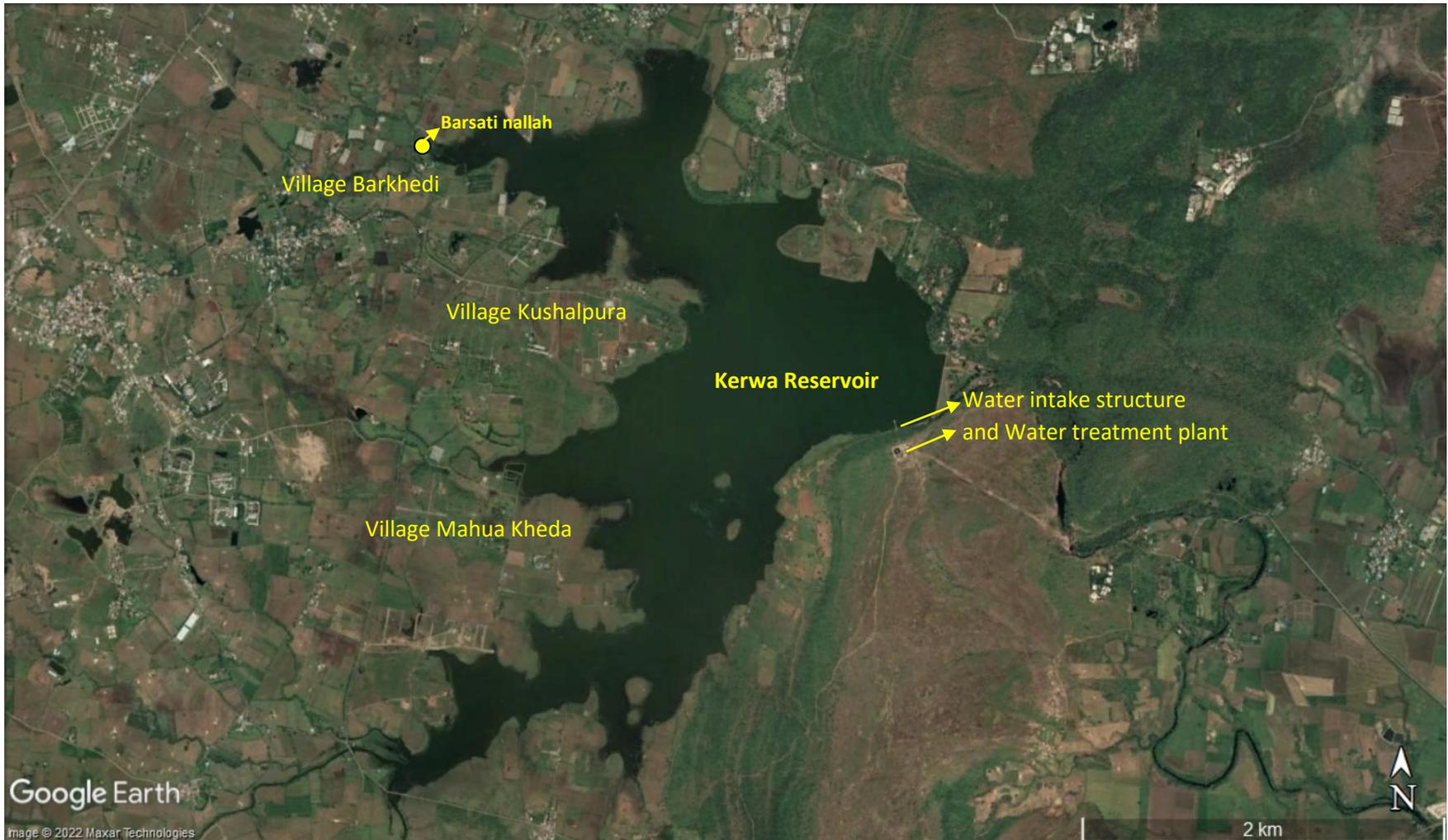
  
(Adarsh Malviya)  
Assistant Engineer (C)  
RO, MPPCB Bhopal

  
(Jainendra Chandel)  
Chemist  
RO, MPPCB Bhopal

  
(Brajesh Sharma)  
Regional Officer  
RO, MPPCB Bhopal

**Annexure - 1**

**Google Map showing location of villages and sites visited near Kerwa Reservoir during the inspection dated 08/02/2022**



**Photographs of the inspection dated 08/02/2022**



**Water Intake Structure on Kerwa dam**



**Water Treatment Plant located on hill-top near Kerwa reservoir**



**Officials of RO, MPPCB, Bhopal with complainants**



**Natural drainage joining Kerwa reservoir behind Hidden castel restaurant at village Barkhedi**



**Fencing and ongoing construction activity approaching the bank of Kerwa reservoir at village Kushalpura**



**Septic tank located at village Kushalpura adjacent to reservoir**



**Farmhouses/residential units located at Mulla ki Tekri adjacent to reservoir**



**Farmhouses/residential units located near Mulla ki Tekri adjacent to reservoir**



**Ongoing plotting and construction activity near village Mahua Kheda adjacent to reservoir**



**Farming activity at the west side of Kerwa reservoir near village Mahua Kheda adjacent to reservoir**