

FACTUAL REPORT
BY
JOINT COMMITTEE
IN
ORIGINAL APPLICATION NO. 07/2022 (CZ)
Dr. SUBHASH C. PANDEY
V/s
STATE OF MADHYA PRADESH & ORS.

JOINT COMMITTEE REPORT

Ref: Inspection of the joint committee dated 24/02/2022 in reference to Hon'ble NGT order dated 02/02/2022 in the matter of OA 07/2022 (CZ) Dr. Subhash C Pandey v/s State of MP & Ors.

Hon'ble NGT in reference to OA 07/2022 (CZ) Dr. Subhash C Pandey v/s State of MP & Ors, vide order dated 02/02/2022 has given following instructions:

1. *Issue raised in this application is unauthorized, illegal construction and encroachment on the reservoir land shown as Kaliyasot reservoir in the territorial jurisdiction of District Bhopal (Madhya Pradesh). It is alleged that in the Bhopal Master Plan of 2005, which is currently in force, the lands and forests around the Kaliyasot Reservoir upto 33 meter from the edge of the Reservoir is to be kept open for Green Belt. Similarly, 150 hectare of land around the Reservoir is to be kept as Botanical Garden and Regional Garden. However, several persons have been able to obtain possession of lands in and around the Reservoir, particularly within the bed, 33 meter greenbelt area, area reserved for Botanical Garden and regional garden and catchment area of the Reservoir, in clear violation of the Bhopal Development Plan.*
2. *Another important issue is the movement of Tiger and Leopard and other wild animals in the surroundings of the Reservoir, which is adjacent to the Kerwa area of Bhopal, is a known corridor of Tiger and Leopard, along with many other wild life species. Hundreds of aquatic animals like Ghariyal, Crocodile and Tortoise in the Kaliyasot Reservoir are also at risk due to the said activities. The mindless encroachment of lands and construction activities around the Reservoir is threatening the natural habitat of these animals, and further poses a hazardous risk to human life since these animals are being increasingly seen roaming around the residential areas adjacent to the Reservoir in the past few years.*
3. *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) *Collector, Bhopal (M.P.)*
 - (ii) *Executive Director, Environment Protection Coordination Organization (EPCO), Bhopal (M.P.)*
 - (iii) *Representative of Principle Chief Conservator Of Forests (PCCF) Wild Life, Bhopal (M.P.)*
 - (iv) *One representative from Madhya Pradesh Pollution Control Board, Bhopal (M.P.)*

9. *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.*

In compliance to above order, a site visit was conducted on 24/02/2022 by the joint committee consisting of following officials of the concerned departments:

1. Shri Alok Pathak, DFO, Bhopal
2. Shri Brajesh Sharma, Regional Officer, MPPCB Bhopal
3. Dr R. K. Jain, Sr. Scientific Officer, EPCO Bhopal
4. Shri Avinash Sahu, SDO, Kaliasot, MPWRD Bhopal

The observations of the joint committee during the inspection are as follows:

1. The GPS locations of sites visited by the joint committee during the inspection have been recorded with the help of mobile-based GPS application. The Google map showing location of Kaliasot reservoir and encroachments/settlements observed within the buffer zone of the reservoir is enclosed as per **Annexure-1**.
2. The map of Full Tank Level (FTL) of Kaliasot reservoir provided by M. P. Water Resource Department (MPWRD) is enclosed as per **Annexure-2**.
3. The available details of the plantation around Kaliasot reservoir is as under:

S. No.	Name of department involved in plantation activity	Area of land
1.	MPWRD	- 50 acres (approx. 21.5 Ha)
2.	Forest department	- 8.5 Ha (Smriti Van) - 5 Ha (near Sanskar Valley School)

4. The details of plantation done by the Water and Land Management Institute (WALMI), Bhopal in the nearby area of Kaliasot reservoir is awaited in reference to MPWRD letter no. 641 dated 28/02/2022.
5. During the inspection following structures were found located on the FTL of Kaliasot reservoir:
 - (i) One structure is under construction in the north-west direction of the Kaliasot reservoir near Bhadbhada Dam.
 - (ii) One fish farm is located in the south-west direction of the Kaliasot reservoir. Gaushala with approx. 30 cattles was found established at a distance of approx. 190m from the fish farm.
 - (iii) One farm house is established in the south direction of the Kaliasot reservoir.

- (iv) One gaushala established behind IIFM, Bhopal campus adjacent to the reservoir was observed.
6. As per the Forest Department, the movement of wild animals such as Tigers and Leopards, Jackals etc. is observed in this area and accordingly Forest Department has provided warning and caution signboards in the surrounding area of the reservoir to protect human life. Forest Department informed the committee that it is not a corridor for animal movement but the movement of wild animals such as Tigers and Leopards, Jackals etc., in this area is due to increase in wildlife population and availability of food in this area.
 7. The water quality monitoring of the Kaliasot reservoir is carried out by MPPCB on regular basis and the parameters falls between A & B category as per IS: 2296.
 8. As per the information of Forest Department, presently Kaliasot reservoir is home to approx. 22 crocodiles & 02 ghariyals. The reservoir also consists of abundant aquatic life including tortoises, fishes, other aquatic species and migratory birds.
 9. Warning/Caution boards have been installed by Forest department in the periphery of Kaliasot reservoir to prevent human intervention with the reservoir and habitat of its aquatic life. It is observed by the committee that the nesting sites of crocodiles, ghariyals and tortoises need protection by providing barbed wire fencing at 10m distance from FTL all around the reservoir.

Recommendations:

1. To protect the nesting sites of crocodiles, ghariyals and tortoises barbed wire fencing should be provided at 10m distance from FTL all around the reservoir.
2. The 33m buffer zone of the reservoir should be restored & protected and human activity should be restricted.
3. Dense plantation should be carried out in the buffer zone of the reservoir by the departments.

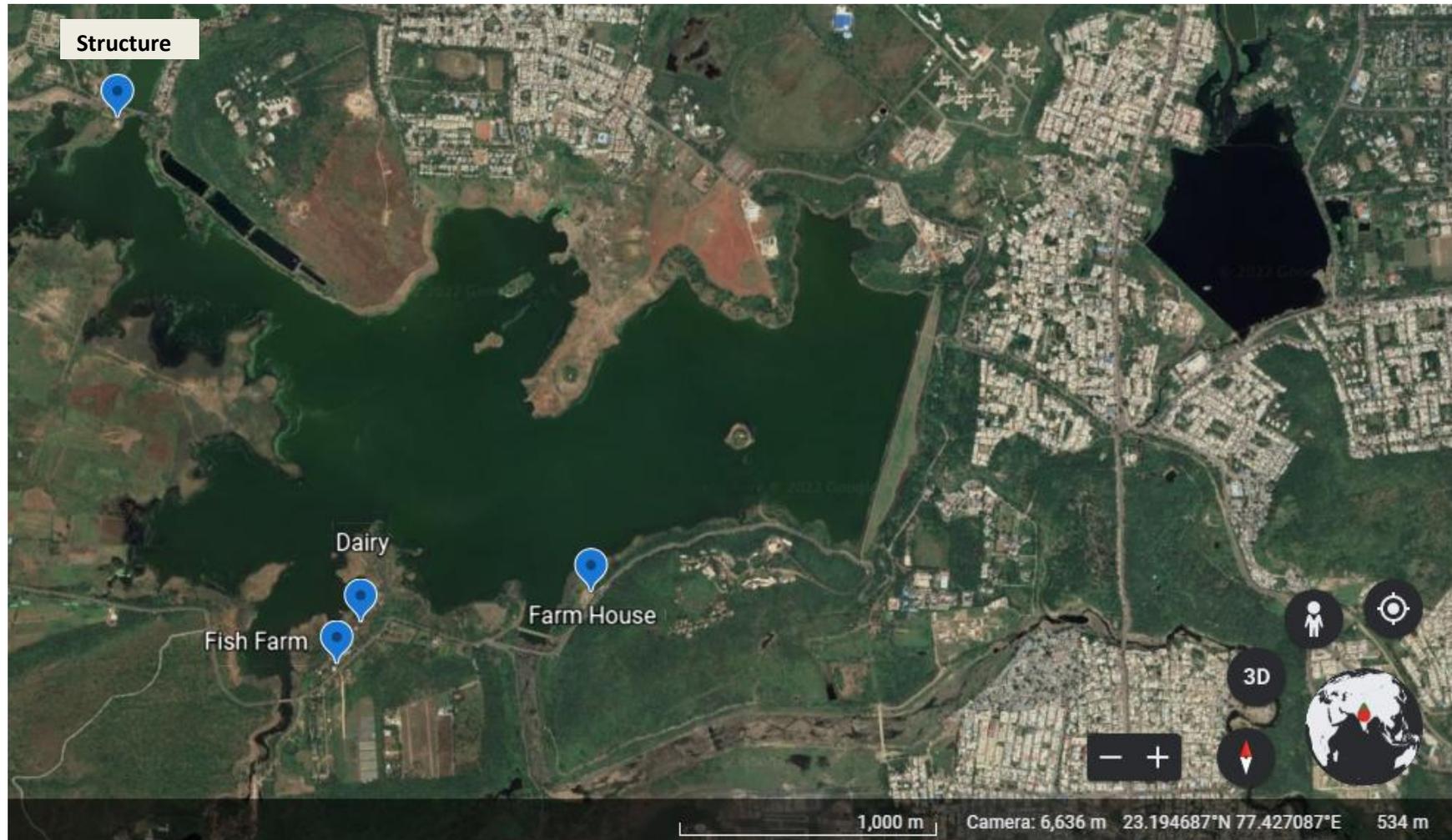

(Avinash Sahu)
SDO, Kaliasot
MPWRD, Bhopal


(Brajesh Sharma)
Regional Officer
MPPCB, Bhopal


(Alok Pathak)
DFO, Forest
Department, Bhopal


(Rajendra Jain)
Sr. Scientific
Officer
EPCO, Bhopal

Google map showing location of Kaliasot reservoir and establishments near the bank of the reservoir



Photographs taken during the inspection



Joint Committee during inspection at Bhadbhada Dam bridge



Construction of temple found in the bed of Kaliasot reservoir near Bhadbhada Dam



Joint Committee during inspection near Sanskar Valley School



Joint Committee during inspection near Sanskar Valley School



Warning boards installed by Forest Department



Warning boards installed by Forest Department



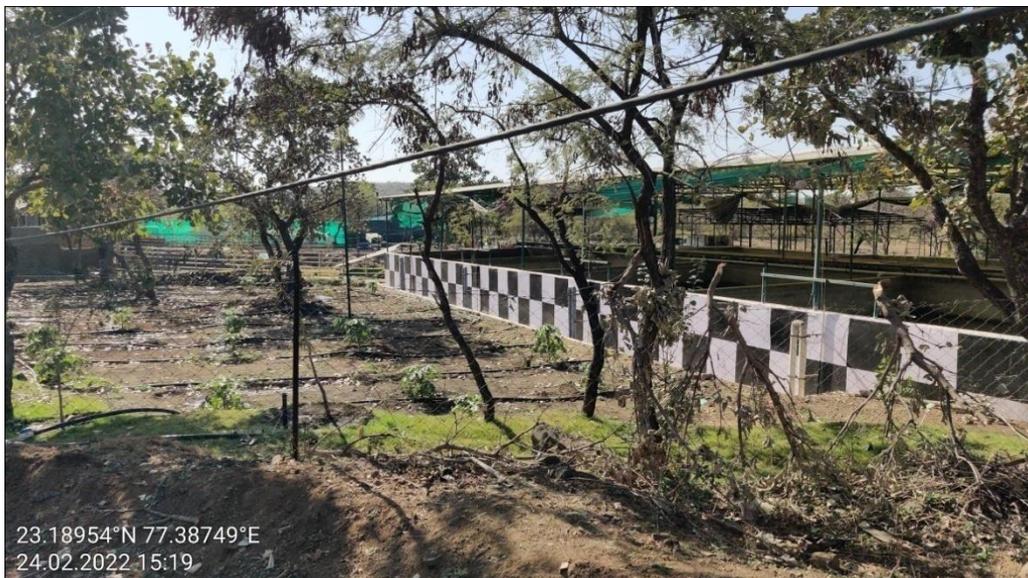
Joint Committee during inspection at Kaliasot bridge



Farm house located at the periphery of Kaliasot reservoir



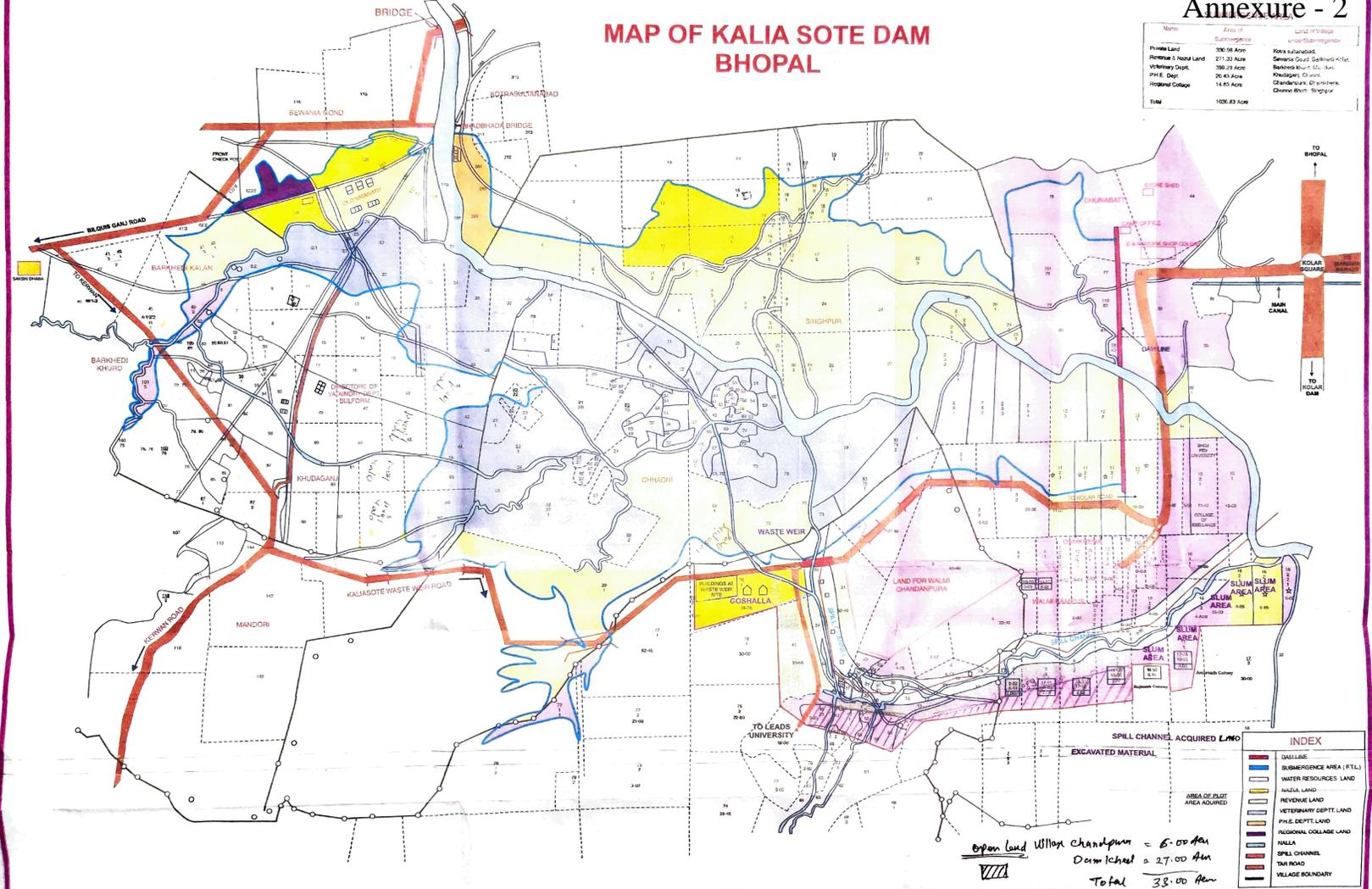
Dairy established near the periphery of Kaliasot reservoir



Fish farm located at the periphery of Kaliasot reservoir

MAP OF KALIA SOTE DAM BHOPAL

Name	Area in Square Meters	Land of Village and Grampanchayat
Private Land	136.58 Acre	Kota Industrial
Primeval & Forest Land	271.33 Acre	Sewania Goud, Goshali Khat, Barkhedi, Khat, Sun, Khatkhaty, Chauri
Veterinary Deptt.	389.23 Acre	Barkhedi, Khat, Sun, Khatkhaty, Chauri
P.H.E. Deptt.	25.43 Acre	Chandrapura, Chandrapura
PROBHAL College	14.83 Acre	Chandrapura, Chandrapura
Total	1036.83 Acre	



open land Wilcox Chandrapura = 6.00 Acre
 Dam tichel = 2.70 Acre
 Total = 38.40 Acre

INDEX	
	DAM LINE
	SUBMERGENCE AREA (FTL)
	WATER RESOURCES LAND
	INDUSTRIAL LAND
	REVENUE LAND
	VETERINARY DEPTT. LAND
	P.H.E. DEPTT. LAND
	PRIVATIZED COLLAGE LAND
	KALIA
	SPILL CHANNEL
	TAX ROAD
	VILLAGE BOUNDARY