

**BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL,  
PRINCIPAL BENCH, NEW DELHI  
ORIGINAL APPLICATION NO. 513/2024**

**IN THE MATTER OF:**

News item titled "10 wetlands in Asola to conserve rainwater" appearing in The Times of India dated 12.03.2024.

**I N D E X**

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FILED BY:

NEW DELHI  
DATED: 28.03.2025

  
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**BEFORE THE NATIONAL GREEN TRIBUNAL  
PRINCIPAL BENCH, NEW DELHI**

Original Application no. 513/2024

News item titled "10 wetlands in Asola to conserve rainwater" appearing in The Times of India dated 12.03.2024.

**STATUS REPORT TO THE CAPTIONED MATTER ON BEHALF OF  
RESPONDENT NO. 4 I.E., THE DEPUTY CONSERVATOR OF FOREST  
(SOUTH)**

**MOST RESPECTFULLY SHOWETH:**

1. That the present application is pending before this Hon'ble Tribunal and now is listed for 01.04.2025.
2. That it is submitted that the present status report is being filed to apprise the Hon'ble Tribunal in terms of order dated 06.12.2024 passed in the present application. Further, it is submitted that the present Status Report is filed in continuation of the previous status report dated 05.12.2024.
3. That it is submitted that in the year 2023, after seeing the scarcity of water, the answering respondents took decisive action for construction of 10 new water bodies in the areas of Maidan Garhi, Sahoopur and Satbari.
4. That it is submitted that the Hon'ble Tribunal vide order dated 06.12.2024 directed the answering respondent to file a progress report to the captioned matter. It is submitted that during the monsoon season of 2024-2025, approximately 5,05,28,632 litres of water were harvested in the water bodies in question which helped to preserve healthy habitats for biodiversity. The copy of the detailed progress report of water bodies constructed as forestry interventions for soil

moisture conservation works in South Forest Division of Department of Forest and Wildlife, GNCTD is annexed herewith as **Annexure – 1**.

5. That it is further submitted that the decision of creating water body at a certain location was based on the following procedure:
  - i. First of all, the ground situation of the area was analysed by the field staff of the South Forest Division;
  - ii. That the decision to create water bodies was based on the existing ground situation;
  - iii. The place with lower topography compared to surrounding area was identified by the field staff of the South Forest Division for creation of water body in the area.
  - iv. Additionally, a stream analysis of the area was conducted, which further substantiated the low-lying topography leading to water accumulation in that region during the monsoon season.
6. That it is submitted that all 10 water bodies in question belong to the Asola – Bhatti Wildlife Sanctuary. Additionally, the relevant data has already been forwarded to the Wetland Authority for further processing or for inclusion in official records.
7. That it is pertinent to mention here that the present application has been filed after the Times of India published an article on “*10 wetlands in Asola to conserve rainwater*” on 12.03.2024. Further that the Hindustan Times on 27.08.2024, published an article on “*10 water bodies at Asola Bhatti to store 80mn litres, recharge groundwater table*” and appreciated the positive work done by the answering respondent.

8. That it is humbly submitted that the answering respondent has the highest respect and regard for the orders of this Hon'ble Tribunal. The present response along with annexure(s) is being placed before this Hon'ble Tribunal for its consideration and further directions, if any.

  
**Answering Respondent / Respondent no. 4**  
**Dy. Conservator of Forest (South)**

**Progress Report of Water Bodies Constructed as  
Forestry Interventions for Soil Moisture Conservation  
Works in South Forest Divisions of DoFW, GNCTD**



**Department of Forest and Wildlife South Division,  
Tughlakabad, New Delhi 110044**

## Introduction:

In India, Delhi and National Capital Region (NCR)-Delhi, has various forms of water bodies. However, Either they are encroached, highly polluted and silted, undermining their role in ground water recharge.

The District Level Advisory Committee (DLAC) was convened on 10.11.2023 under the chairpersonship of the DM (South) to consider bore-well cases recommended by Delhi Jal Board. The meeting agenda included proposals for bore-wells for drinking water from various departments through DJB(F.No.BDO(South)/2023/2018-2029).

Additionally, discussions were held on rainwater harvesting and ground recharge measures aimed at augmenting groundwater resources in the area, as well as undertaking periodic maintenance of recharge structures at their own cost.

After this meeting, DCF South took action and granted permission for the construction of 10 new water bodies in Maidan Garhi, Sahoorpur, and Satbari areas, where the depletion of the groundwater table has been occurring at a very fast rate over the last 10 years. (Chauhan, 2024)

Then, the construction of water bodies is divided into two phases as mentioned in the table below, and detailed reports of all ten water bodies are explained further.

During the monsoon of 2024-25, approximately **5,05,28,632** liters of water were harvested, which was helpful in maintaining good habitats for biodiversity. It also contributed to watering the surrounding plantations and played a major role in recharging the groundwater table.

*Ramendra*  
27/3/25

*Ramendra*  
27/3/25  
(Ro, ATB)

Soil Moisture Conservation Work (SMCW) for NCT Delhi and its Importance in Restoration and Rejuvenation Water Bodies and in 2024-25									
Phasees	S.No.	Water Bodies No.	Location	Khasra No.	Area(sqrm)	Approx. Depth(m)	Perimeter (m)	Water Holding Capacity (Liter)	Approx Water Accumulated During Monsoon (2024-25) (Liter) (Note: Avg. Annual Rainfall of 2024 are 774.4 mm)
Phase 1	1	Water Body 3	Maidangarhi	661	3,971	3	243	93,81,488	53,81,499
	2	Water Body 5	Satbari	1139	3159	3.3	208	77,00,063	42,81,077
	3	Water Body 6	Satbari	1098	2776	3.2	214	65,58,300	37,62,035
	4	Water Body 7	Sahoorpur	486	4316	3.1	248	98,72,850	58,49,043
	5	Water Body 9	Sahoorpur	534	4117	2.6	234	78,73,763	55,79,358

Table 1 Status of water bodies of Phase 1 during Monsoon (2024-25)

*Ramendra*  
27/3/24

Ramend  
27/03/24  
(Ro, AB)

Soil Moisture Conservation Work (SMCW) for NCT Delhi and its Importance in Restoration and Rejuvenation Water Bodies and in 2024-25									
Phasees	S.No.	Water Bodies No.	Location	Khasra No.	Area(sqam)	Approx. Depth(m)	Perimeter (m)	Water Holding Capacity (Liter)	Approx Water Accumulated During Monsoon (2024-25) (Liter) (Note: Avg. Annual Rainfall of 2024 are 774.4 mm)
Phase 2	6	Water Body 1	Maidangarhi	664	3,662	3	234	72,52,875	49,62,742
	7	Water Body 2	Satbari	1130	4,017	3.1	252	93,39,525	54,43,838
	8	Water Body 4	Satbari	1131	3,046	3	205	61,68,150	41,27,939
	9	Water Body 8	Sahoorpur	520	3,306	3	226	74,38,500	44,80,291
	10	Water Body 10	Sahoorpur	533	4,915	3.36	266	82,94,063	66,60,808

Table 2 Status of water bodies of Phase 2 during Monsoon (2024-25)

*Okarancha*  
27/8/24

Ramesh  
27/8/24  
(RO, DD)

### Water Body No. 1

Location – **Maidangarhi**

(Khasra No. 664)

- **Coordinates –**  
28°28'5.62"N , 77°13'18.04"E
- **Area-3,662 sqm**
- **Perimeter –234 meter**
- **Approx Depth – 2.75 meter**
- **Water Holding Capacity Approx.- 75,52,875 Liter**

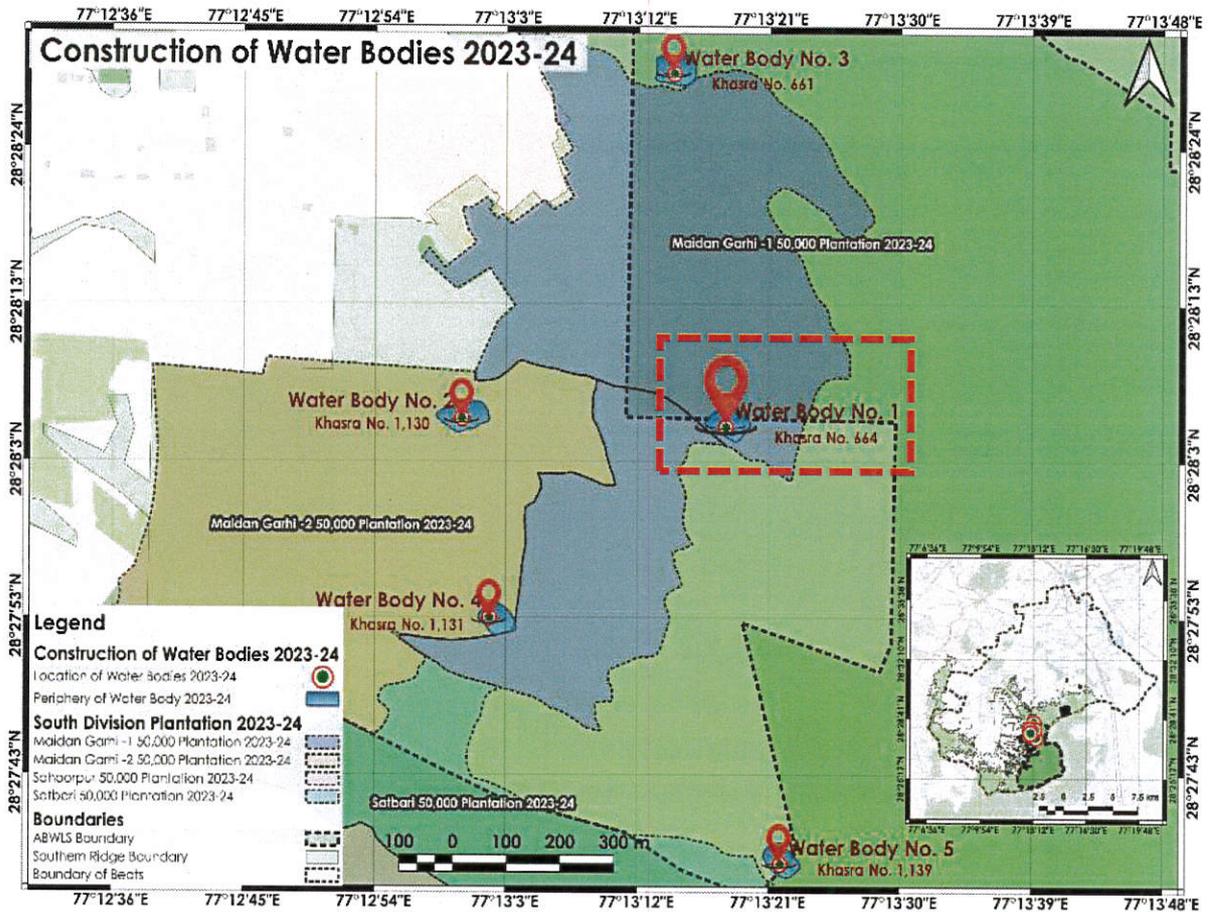


Figure 1 Geo Tagged Location Water Body No 1

*Ankur Chandra*  
27/3/25

Ramesh  
27/03/25  
(Co, AD)



Figure 2 Drone View of Water Body before Monsoon



Figure 3 Aerial View of Water Body during Monsoon of 2024-25

*Ajkar Chaudhary*  
27/03/25

*Ramesh*  
27/03/25  
(Rc, AS)

## Water Body No. 2

Location – **Satbari**

(Khasra No. 1130)

- **Coordinates –**  
28°28'6.16"N,77°12'59.96"E
- **Area-4,017 sqm**
- **Perimeter –252 meter**
- **Approx Depth – 3.10 meter**
- **Water Holding Capacity Approx.-93,39,525 Liter**

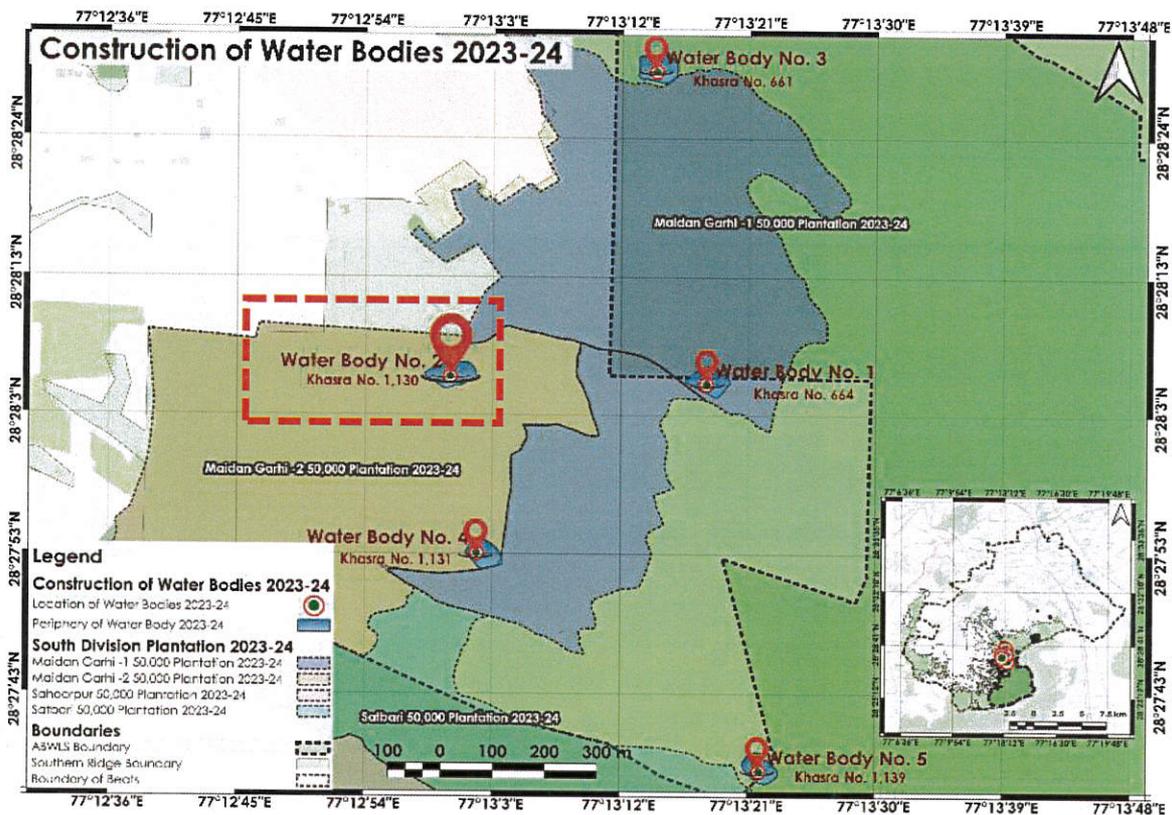


Figure 5 Geo Tagged Location Water Body No 2

*Raj Kanchan*  
27/03/25

*Ramesh*  
27/03/25  
(R, AB)



Figure 6 Drone View of Water Body before Monsoon



Figure 7 Arial View of Water Body during Monsoon of 2024-25

*Ramesh Chandra*  
27/03/25

Ramesh  
27/03/25  
(R.C., D.B.)

### Water Body No. 3

Location – **Maidangarhi**

**(Khasra No. 661)**

- **Coordinates –**  
28°28'28.37"N, 77°13'14.43"E
- **Area-3,971 sqm**
- **Perimeter –243 meter**
- **Approx Depth – 3.15 meter**
- **Water Holding Capacity Approx.-93,81,488 Liter**

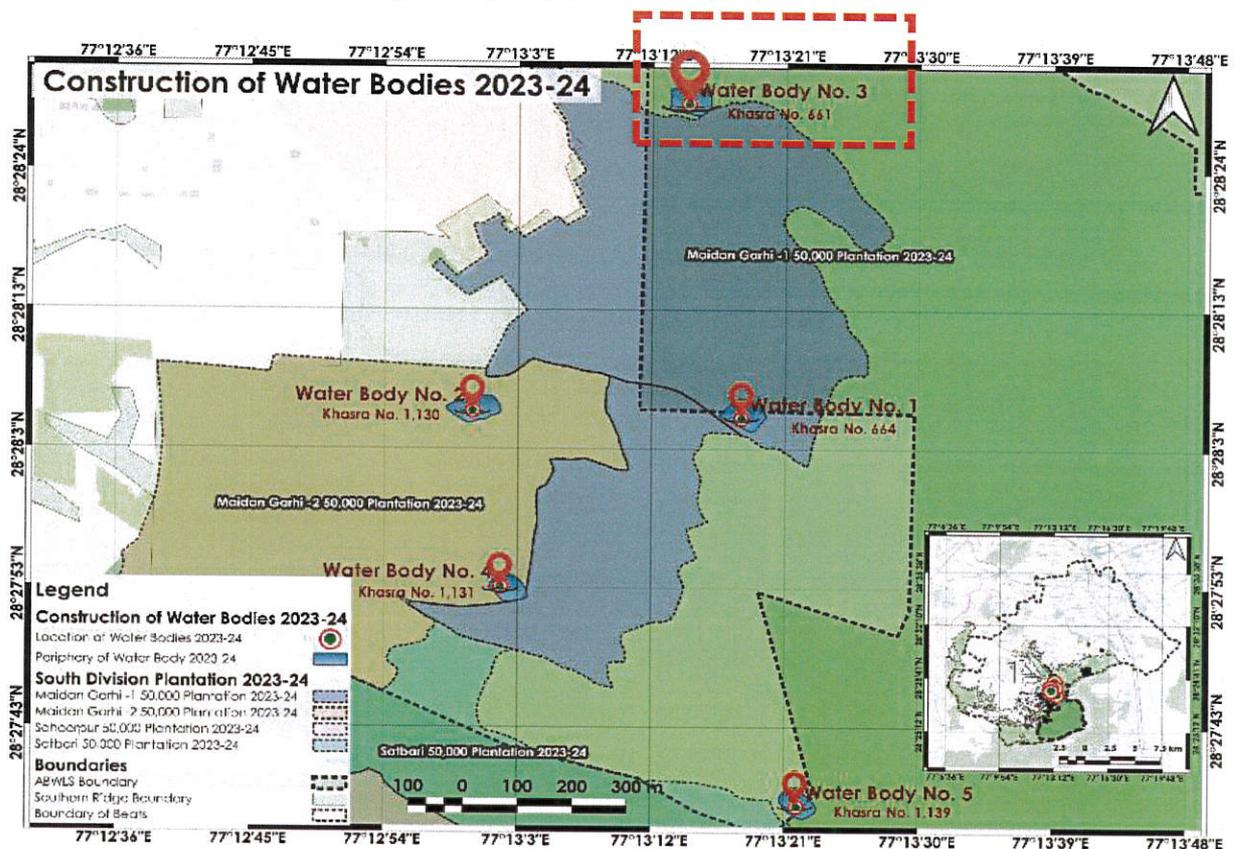


Figure 10 Geo Tagged Location Water Body No 3

*Rukesh Chandra*  
27/3/20

Ramesh  
27/3/20  
(Ro, AB)



Figure 11 Drone View of Water Body before Monsoon



Figure 12 Aerial View of Water Body during Monsoon of 2024-25

*Akash Chandra*  
27/03/25

*Ramona*  
27/03/25  
(RO, AD)

## Water Body No. 4

Location – **Satbari**

(Khasra No. 1131)

- **Coordinates –**  
28°27'53.32"N, 77°13'1.87"E
- **Area-3,046 sqm**
- **Perimeter –205 meter**
- **Approx Depth – 2.7 meter**
- **Water Holding Capacity Approx.- 61,68,150 Liter**

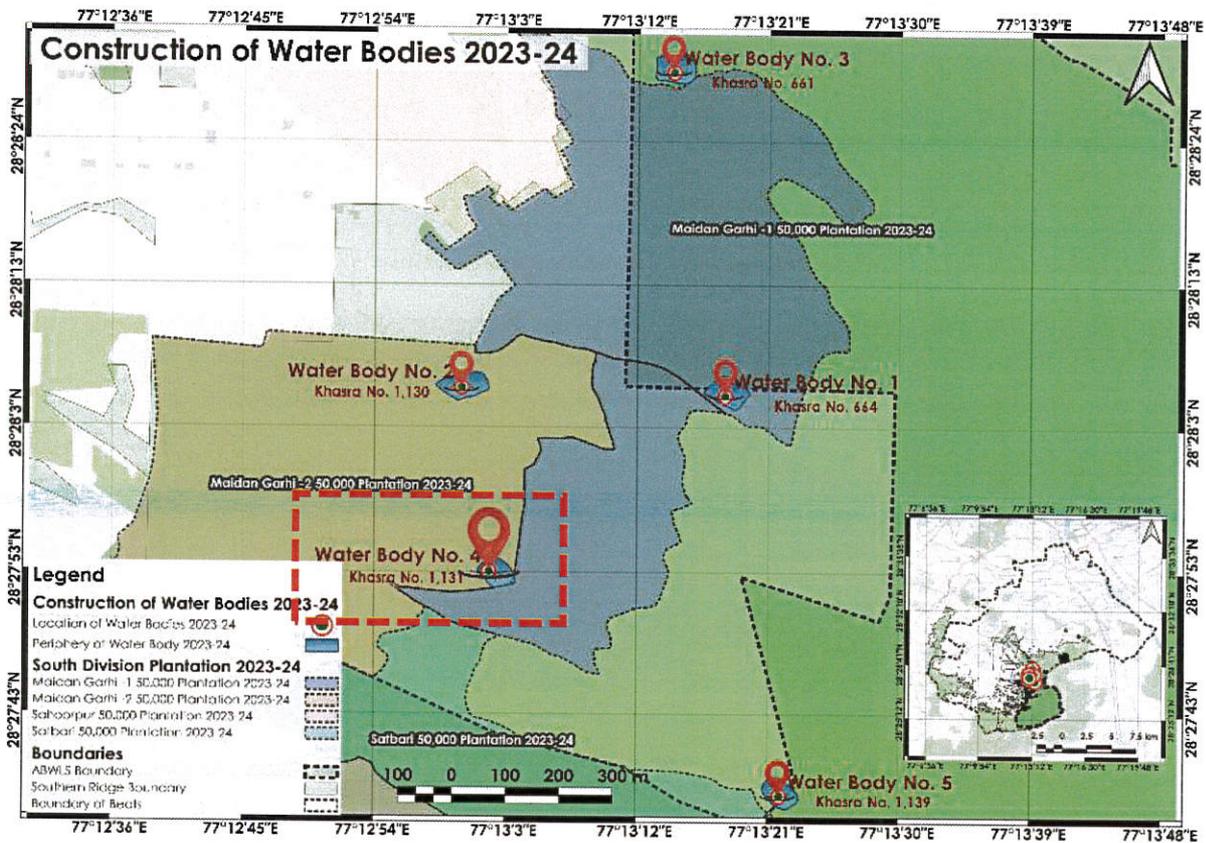


Figure 13 Geo Tagged Location Water Body No 4

*Rakesh Chandra*  
27/5/25

*Ramesh*  
27/5/25  
(R.O. AB)

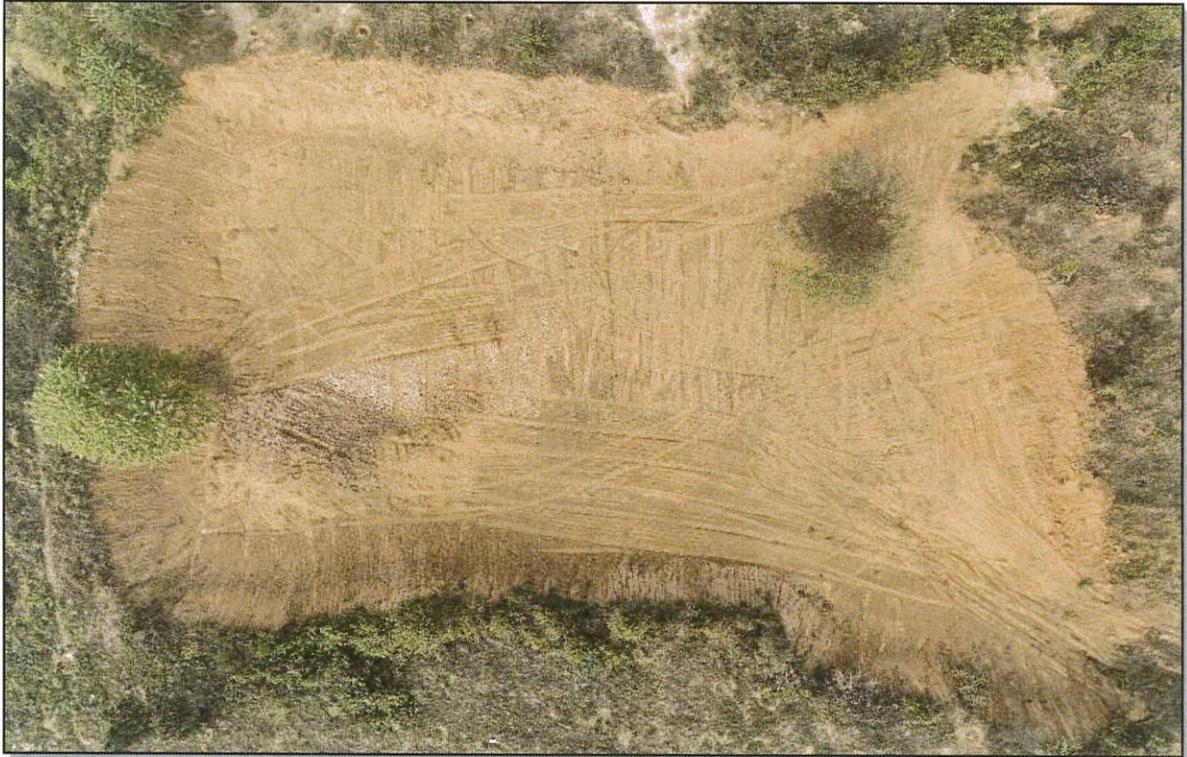


Figure 14 Drone View of Water Body before Monsoon



Figure 15 Aerial View of Water Body during Monsoon of 2024-25

*Okwancha*  
27/8/25

*Ramesh*  
27/8/25  
(20, 02)

# Water Body No. 5

Location – **Satbari**

(Khasra No. 1139)

- **Coordinates –**  
28°27'37.50"N,77°13'21.83"E
- **Area-3,159 sqm**
- **Perimeter –208 meter**
- **Approx Depth – 3.25 meter**
- **Water Holding Capacity Approx.- 77,00,063 Liter**

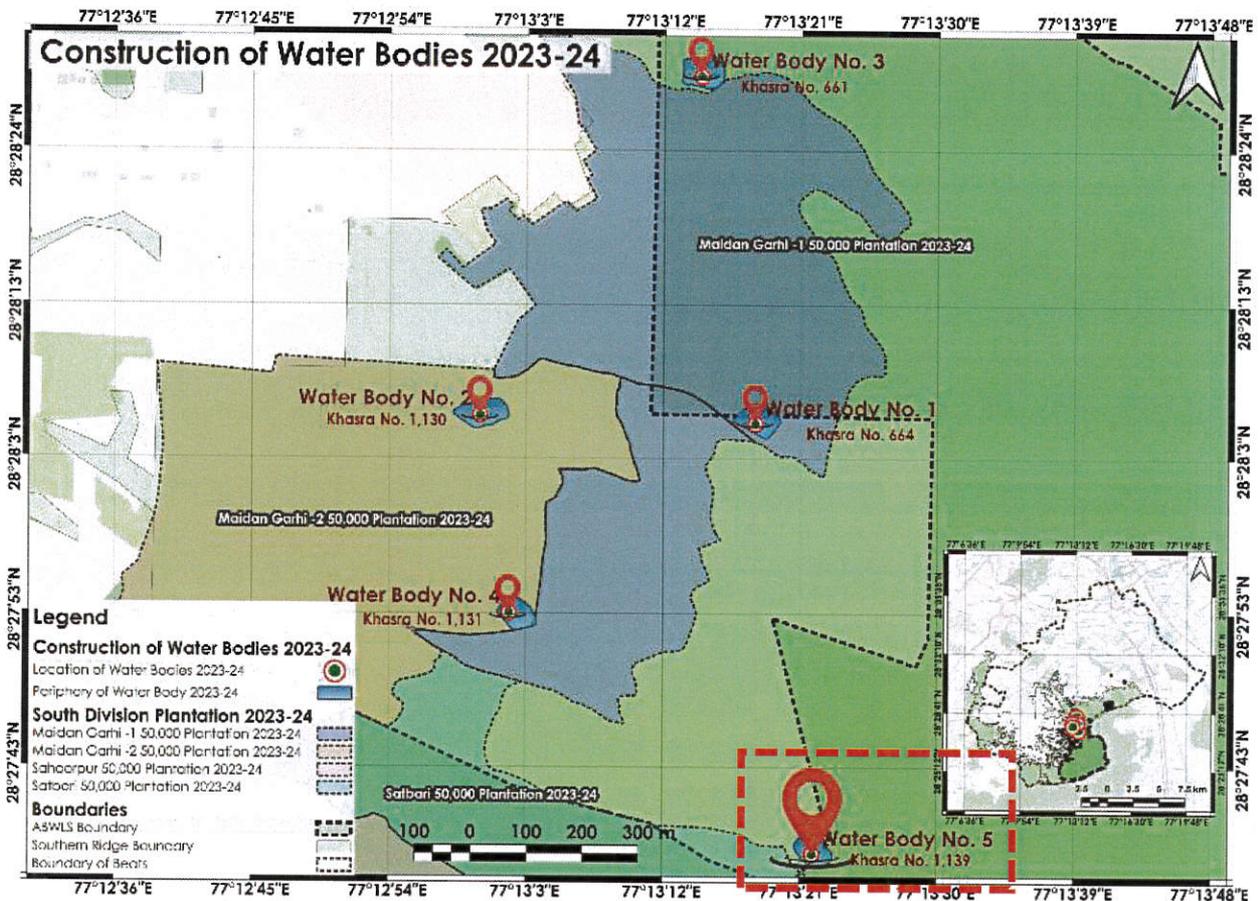


Figure 16 Geo Tagged Location Water Body No 5

*Bhakar Chandra*  
27/12/25

*Ramesh*  
27/12/25  
(20,188)



Figure 17 Drone View of Water Body before Monsoon



Figure 18 Aerial View of Water Body during Monsoon of 2024-25

*R. Karanth*  
27/03/25

*Ramesh*  
27/03/25  
(RO, AB)

# Water Body No. 6

Location- **Satbari**

(Khasra No. 1098)

- **Coordinates –**  
28°27'54.66"N,77°12'37.55"E
- **Area-2,776 sqm**
- **Perimeter –214 meter**
- **Approx Depth – 3.2 meter**
- **Water Holding Capacity Approx.-65,58,300 Liter**

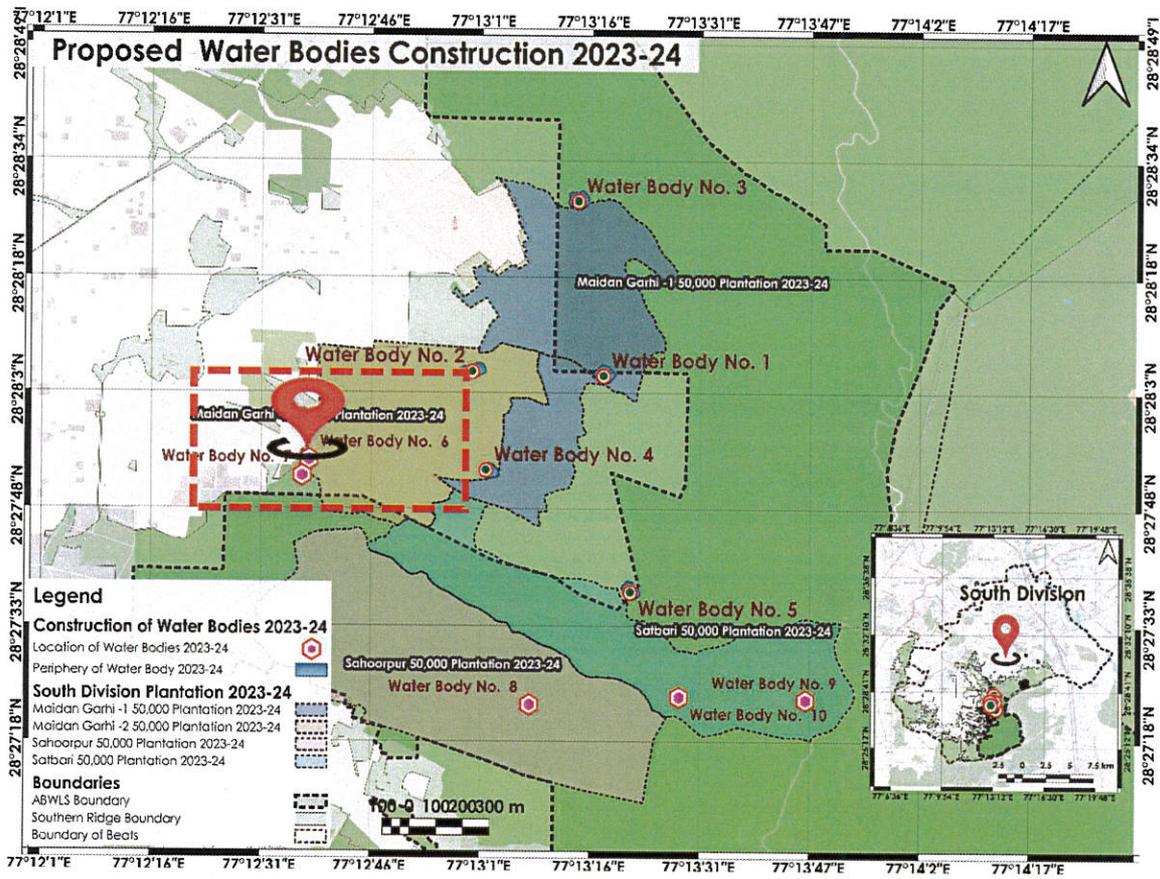


Figure 19 Geo Tagged Location Water Body No 6

*Prakash Chandra*  
27/12/25

Ramraj  
28/12/25  
(Raj, B.B)



Figure 20 Drone View of Water Body before Monsoon



Figure 21 Aerial View of Water Body during Monsoon of 2024-25

*Ankerchauba*  
27/8/25

*Ramesh*  
27/03/25  
(R0, 00)

# Water Body No. 7

Location – **Satbari**

(Khasra No. 486)

- **Coordinates –**  
28°27'52.47"N, 77°12'37.55"E
- **Area-4,316 sqm**
- **Perimeter –248meter**
- **Approx Depth – 3.05 meter**
- **Water Holding Capacity Approx.-98,72,850 Liter**

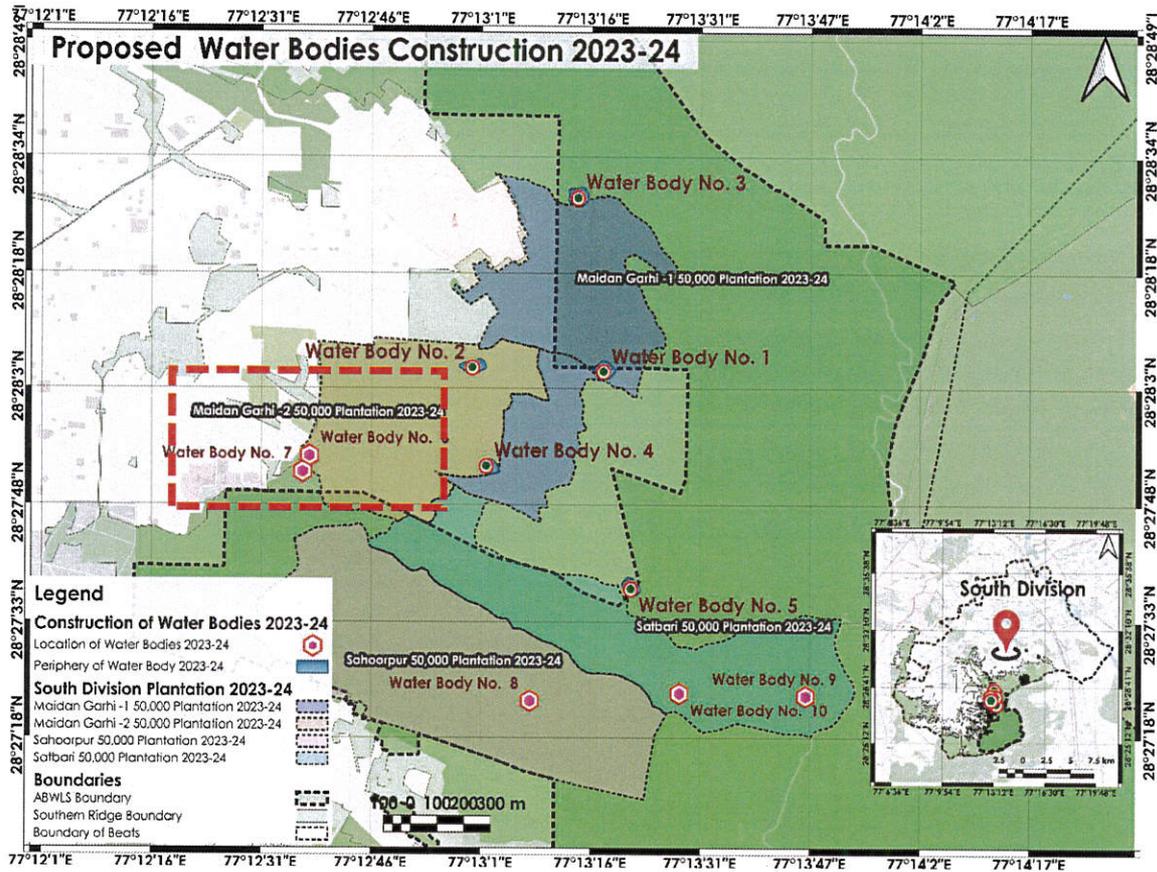


Figure 22 Geo Tagged Location Water Body No 7

*P. Karachan*  
27/12/25

*Ram*  
29/12/25  
(R, AD)



Figure 23 Drone View of Water Body before Monsoon



Figure 24 Aerial View of Water Body during Monsoon of 2024-25

Ankur Chauhan  
27/03/25

Ramesh  
28/03/25  
(R.O, B.S)

# Water Body No. 8

Location – **Sahoorpur**

(Khasra No. 520)

- **Coordinates –**  
28°27'22.91"N, 77°13'7.93"E
- **Area-3,306 sqm**
- **Perimeter –226 meter**
- **Approx Depth – 3 meter**
- **Water Holding Capacity Approx.- 74,38,500 Liter**

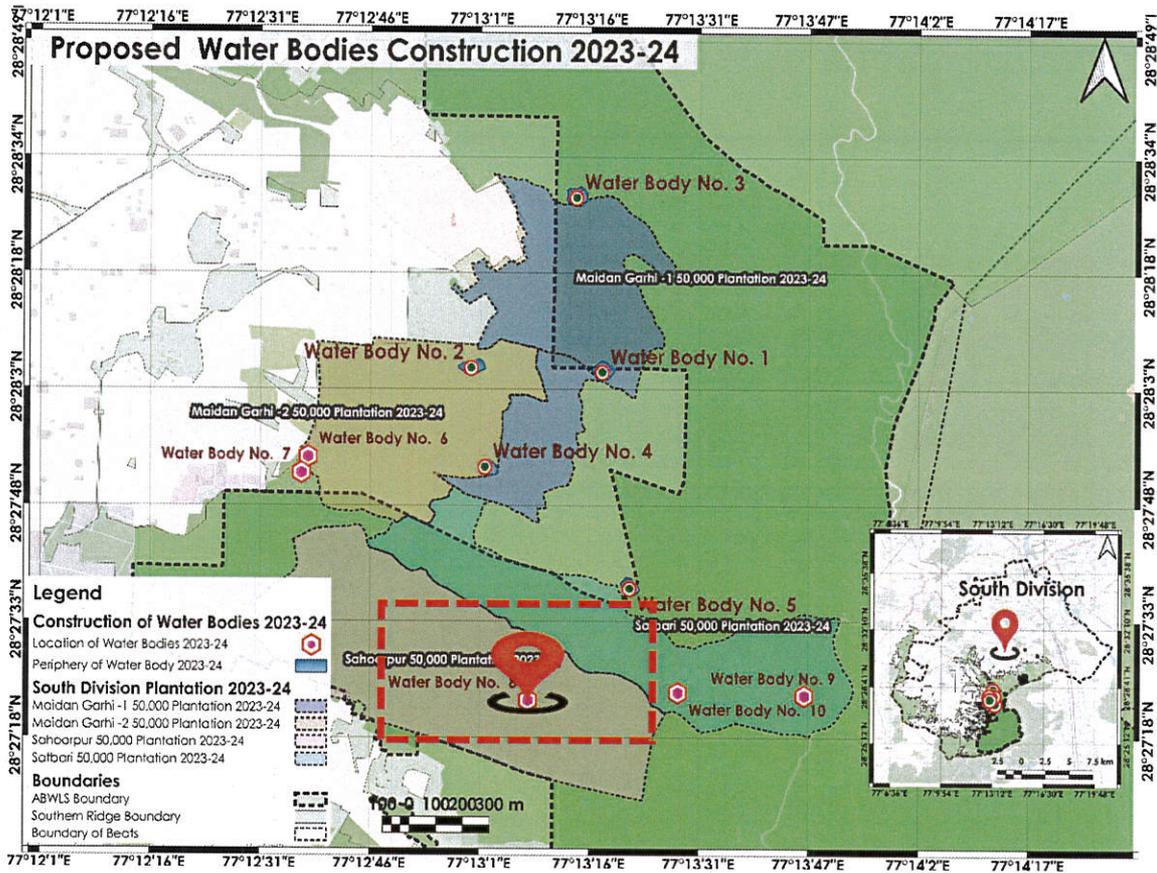


Figure 25 Geo Tagged Location Water Body No 8

*Rajkumar Chandra*  
27/3/25

*Ramendra*  
27/3/25  
(Co, AB)



Figure 26 Drone View of Water Body before Monsoon



Figure 27 Aerial View of Water Body during Monsoon of 2024-25

*Ankur Chauhan*  
27/8/25

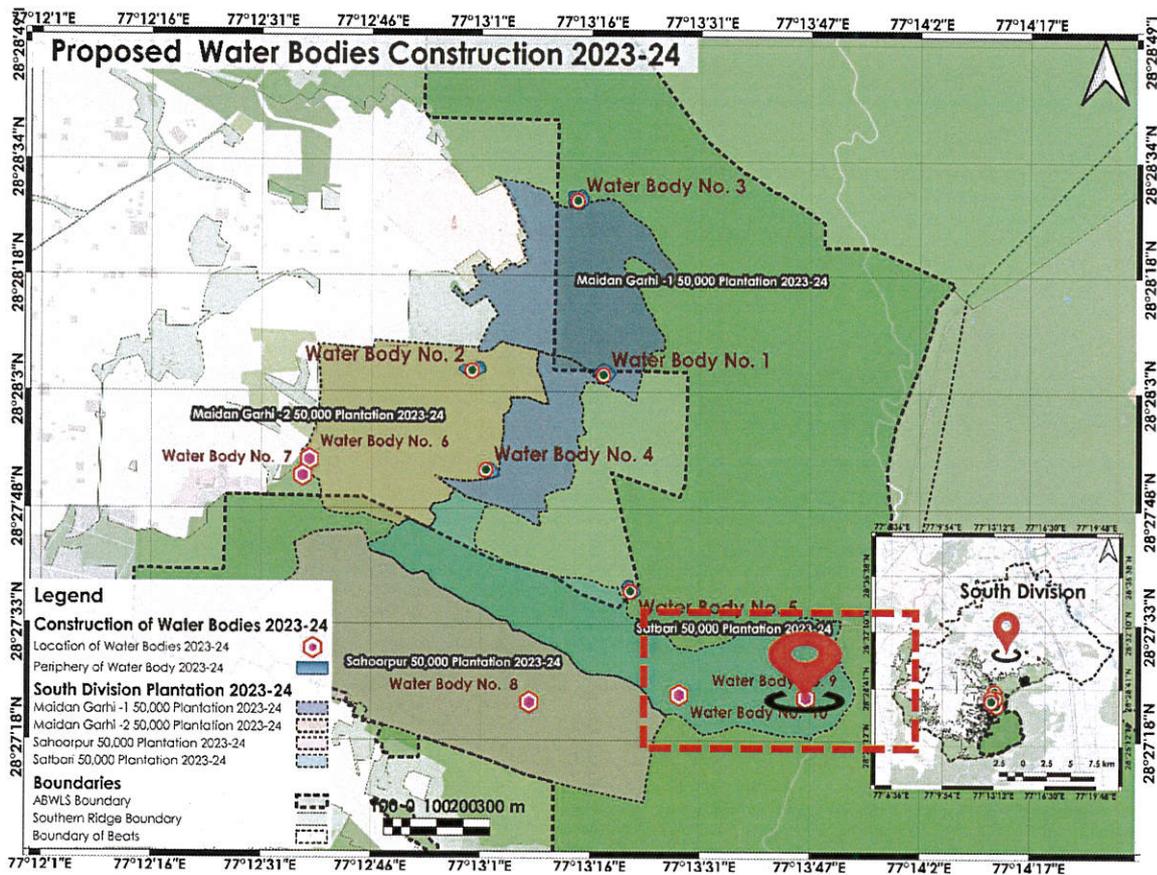
*Ramesh*  
28/03/24  
(Ro, BBS)

# Water Body No. 9

Location – **Sahoorpur**

(Khasra No. 534)

- **Coordinates –**  
28°27'23.54"N,77°13'46.00"E
- **Area-4,117sqm**
- **Perimeter –234 meter**
- **Approx Depth – 2.6 meter**
- **Water Holding Capacity Approx.- 78,73,763 Liter**



*Ankur Chaurasia*  
27/07/28

*Ramesh*  
27/07/28  
(Rd, AB)



Figure 29 Drone View of Water Body before Monsoon



Figure 30 Aerial View of Water Body during Monsoon of 2024-25

*Aykarabankh*  
27/03/25

*Ramesh*  
27/03/25  
(RO, RD)

## Water Body No. 10

Location – **Sahoorpur**

(Khasra No. 533)

- **Coordinates –**  
28°27'24.26"N,77°13'28.71"E
- **Area-4,915 sqm**
- **Perimeter –266 meter**
- **Approx Depth – 3.36 meter**
- **Water Holding Capacity Approx.- 82,94,063 Liter**

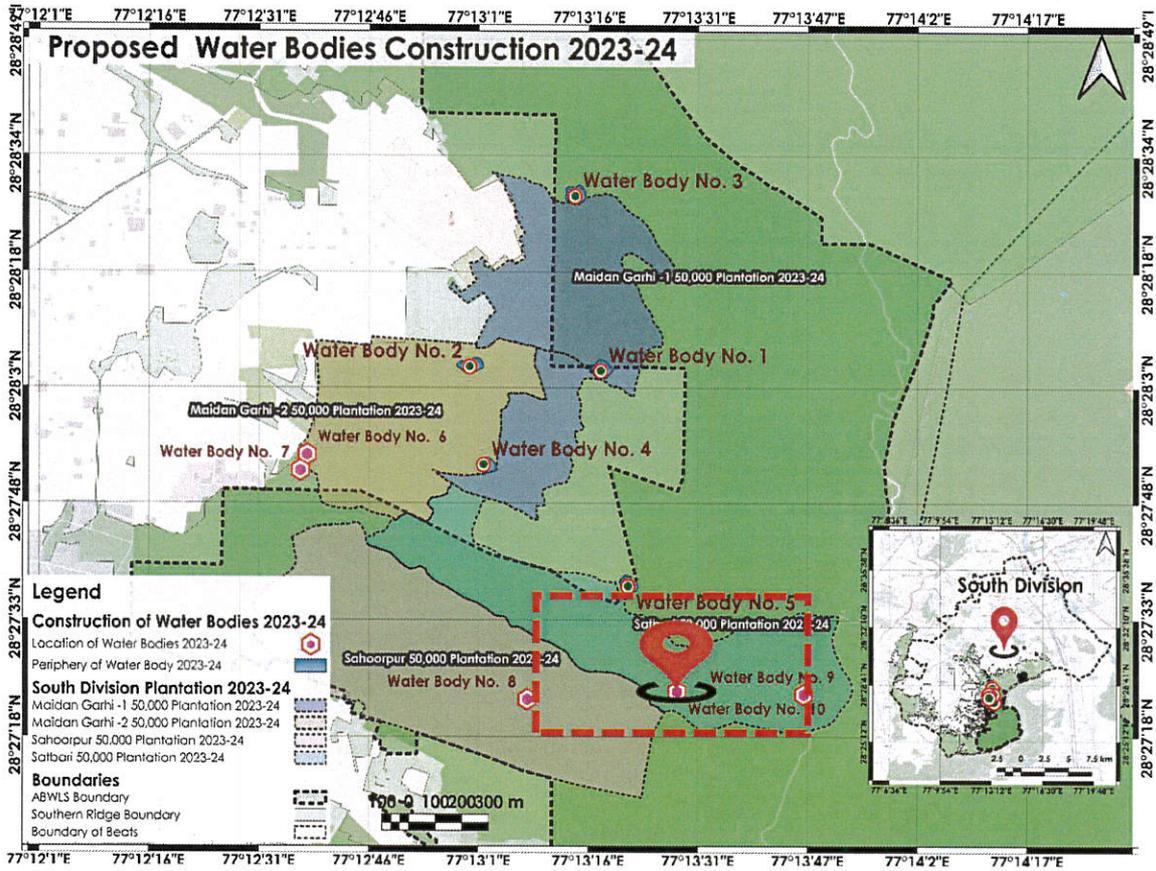


Figure 31 Geo Tagged Location Water Body No 10

*Rajkumar Chandra*  
27/12/25

*Ramant*  
27/12/25  
(Rajkumar)

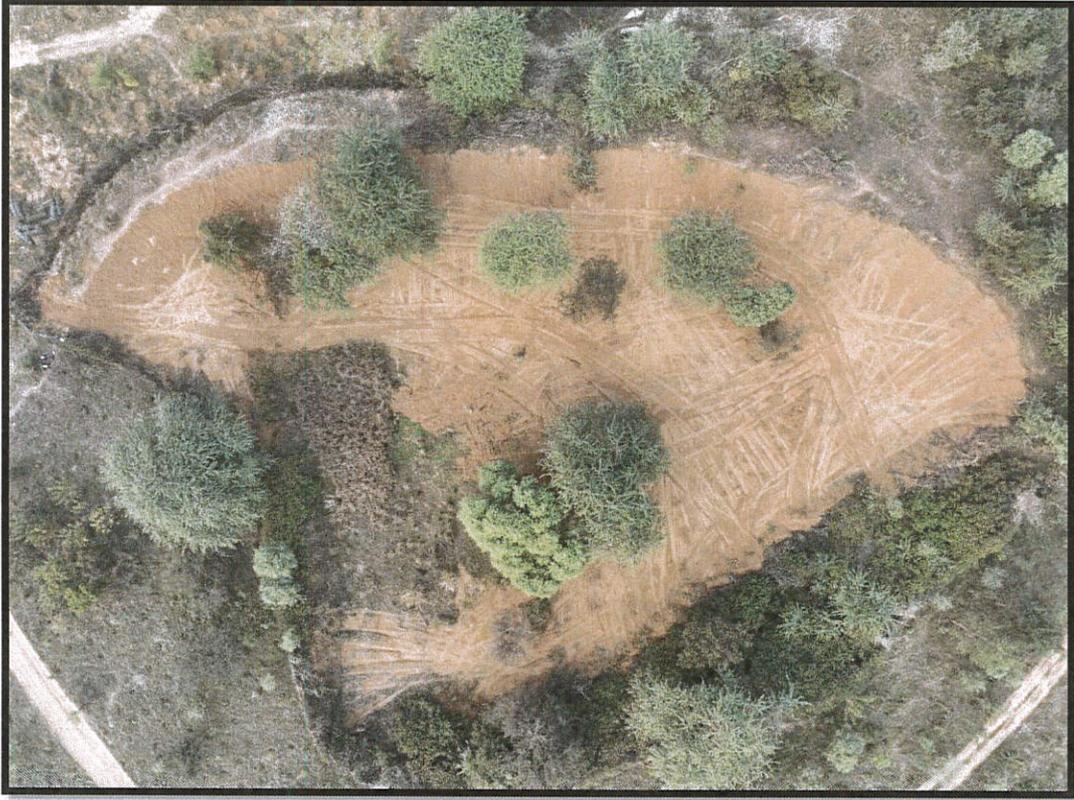


Figure 32 Drone View of Water Body before Monsoon



Figure 33 Arial View of Water Body during Monsoon of 2024-25

*Akash Chandra*  
27/3/25  
Ramesh  
27/3/25  
(Ramesh)

## References

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- District Administration , South Delhi. (2023). *Report on Wetland & Waterbodies in Districts South (2022-23)*. New Delhi: District Administration , South Delhi.

*Prakashan*  
27/3/23

*Ramesh*  
27/3/23  
(10,000)