

## Site Inspection Report

Date of Inspection – **04.09.2021 and 29.04.2022**

Name of Proposal – **Hazaribagh Urban Water Supply Scheme**

**Presence – Forest officials**

- (1) Sri Sourav Chandra, DFO, Hazaribagh East Forest Division .
- (2) Sri Bijay Kumar, RFO, Daru Range.
- (3) Sri Suresh Ram, RFO, Bagodar Range.
- (4) Sri Ramnandan Ram, BO, Canary East Beat.
- (5) Sri Bhuneshwar Mandal, I/C BO, Bishnugarh Beat.
- (6) Sri Sanjeet Kumar, I/C BO, Tatijharia Beat.
- (7) Sri Dinesh Kumar Pandey, SBO

**User Agency officials**

- (1) Sri Vinay Kumar, Project Manager, JUDCO
- (2) Sri Pranav Kumar, Assistant Manager, JUDCO

On the aforementioned date, the proposed forest land for diversion was visited. The total forest land proposed for diversion is 3.561 ha. which is meant for Hazaribagh Urban Water Supply Scheme by JUDCO. The details are given below: -

Sl. No.	Name of Village	Thana No.	Area (in ha.)	Type of land
1.	Banaso	Bishnugarh-203	0.607	Notified/demarcated forest land
2.	Chalanga	Bishnugarh-242	0.9308	Notified/demarcated forest land
3.	Manjhlikarbe	Sadar Hzb-174	2.023	Jungle Jhari

As stated by the U/A, the proposed forest land for diversion is part of Hazaribagh Urban water supply scheme. The details of purpose wise breakup is given as below:-

Sl. No.	Location	Components	Area (in ha.)
1	Banaso, Bishnugarh	Pre Settling Tan-1	0.607 ha.
2	Chalanga, Bishnugarh	Storage Tank-1	0.9308 ha.
3	Manjhali Karbe, Sadar Hazaribagh	Water Treatment Plant	2.023 ha.
Total:-			3.561 ha.

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The alternatives suggested by U/A pass through the densely populated raiyati areas. As such, it was not deemed fit for above-mentioned Proposal.

Thereafter, the trees in the enumeration list were checked on site inspection. The species and its girth were matched. It was found to be correct.

The total proposed area has the presence of a variety of trees. It consisted of mainly *Eucalyptus* with Karanj, Mahua, Sagwan, Sal, Bamboo, Acacia etc. At places, the undergrowth of *Clerodendron* sp. and *Cassia tora* were also seen. The crop density was observed as 0.2 at Banaso while it was 0.1 at Chalanga and Manjhlikarbe. The important observation was about the heavy infestation of *Lantana camara* in the proposed area as well as surrounding forest areas at many places.

Almost the entire area had gentle slope with some portion being moderately sloping. At places, the soil erosion becomes severe with eroded topography rill and gully erosion was being easily seen.

The entire area is part of migratory route of wild elephants with almost regular visits of the proposed area. The most recent migration of wild elephants was witnessed in the month of January-February 2022 only. This observation was further reiterated during the interaction with local villagers. As such, a site-specific wildlife management plan will be needed to address human-elephant interface issues.

Although no rare/endangered/unique species of flora and fauna was observed, the commonly found fauna are as following: -

Sl. No.	Hindi or Local Name	English Name	Scientific Name	Schedule according to Wild life Protection Act- 1972
1	2	3	4	5
1.	Ajgara	Python	<i>Python</i> sp	Sch-I Part II
2.	Siyar	Jackal	<i>Canis aureus</i>	Sch-I
3.	Mayur/Mor	Peafowl/Peacock	<i>Pavo Cristatus</i>	Sch-I
4.	Kotra	Barking deer	<i>Muntiacus</i> sp.	Sch-III Section II

The nature of the project is such that there is going to be habitat fragmentation. As such, suitable mitigation measures will be prominently needed to address the same.

Apart from the above, the forest area did not have any archeological/heritage site/defense establishment etc.

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Overall, the proposal is mainly concerned with Hazaribagh Urban Water Supply Scheme. This proposal will provide the basic needed potable water for the residents of Hazaribagh district. Considering the above details, it was found that the forest land proposed for diversion was unavoidable and barest minimum of the project.

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*7-05-2022*  
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