

**Field Report on Environmental Aspects  
Of  
Walk through Survey**

**Barrare Minor (Lower Nara Canal)**

**Nara Canal Area Water Board**

**Prepared by**

**Akbar Ali Khatian  
Ecologist  
R&D-SIDA Hyderabad.**

## **1. Introduction**

Name of Minor:	Barrare
Location:	Kot Ghulam Muhammad (Lower Nara Canal)
Length :	12 RDs
Intake Source :	Jamrao Canal

As per integral part of Walk Through Survey (WTS), Environmental Baseline Data collected to mitigate negative impacts of rehabilitation work of Barrare Minor.

The environmental observation on Barrare Minor obtained through Rapid Field Investigations.

## **2. Environmental Observations**

There is no procedure has been adopted by consultants for Environmental Scoping, however, site information Performa or Questioner has been devised by consultants, which is more specific to Social Environmental Conditions and to assess the resettlement impacts.

### **2.1 On Site and Adjacent (Buffer Zone) issues**

- (a) With respect to environmental impacts on site and adjacent area (Buffer Zone i.e. up to 50 Feet) is expected to lead no negative or significant impact.
- (b) The embankments are covered with English Babul locally known as Davi and some mature trees of common Babul were also placed on the both side of Barrare Minor's embankments.
- (c) Mithrao Canal parallel and runs within Buffer Zone limits of Barrare Minor and in this context it has observed that during rehabilitation works vegetation and trees of Mithrao Canal will also effect.
- (d) A few shop and home (Kacha) are located around the Barrare Minor, which will effect or dislocate since they are located at the head of minor.

### **2.2 Impact on Vegetation and Trees**

As Pockets of shrubs are supportive and shelter provider to many Avifauna (Birds) and Reptiles including mammals. During rehabilitation work these pockets of shrubs will be cleared and this situation may leads to create negative impact on Biodiversity. However,

this kind of impact will be tolerated by habitat through migration from this place to other pockets of shrubs located around or near by.

### **2.3 Impacts on Game Reservoir, Wetland and Wildlife**

No forest or Game Reservoir is located within the sub-project limits. Therefore, there is no significant impact on Game Reservoir or wetlands.

### **2.4 Social & Resettlement Issues**

No Major Resettlement is involved in rehabilitation activity. Except a few shops located at Head and a few kacha houses may effect or dislocate.

### **3. Conclusion**

- (a) No further EIA required
- (b) No Major or Significant Environmental impact
- (c) There is temporary negative impact on habitat in respect to Jungle/ shrubs clearance.

Table -1 (Name of Plants/Trees/ Shrubs

<b>Sr. No.</b>	<b>Local Name</b>	<b>English /Scientific Name</b>	<b>Type</b>
<b>1.</b>	<b>Babul</b>	<b>Acacia nilotica</b>	<b>Tree</b>
<b>2.</b>	<b>Davi (English Babol)</b>	<b>Acacia jacquemontii</b>	<b>Small tree</b>
<b>3.</b>	<b>Ak</b>	<b>Asclepiadaceae</b>	<b>Shrubs</b>