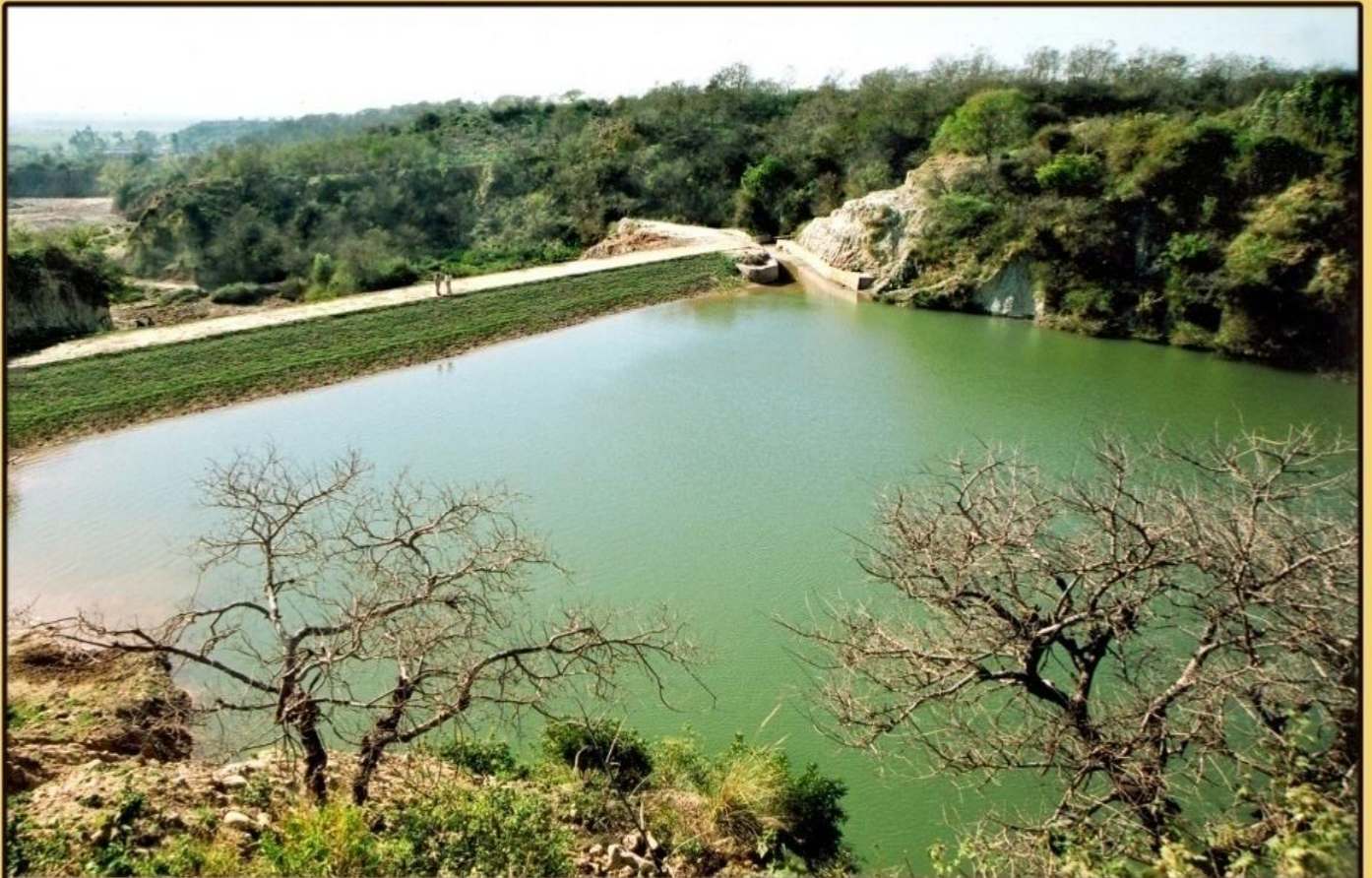


# INTEGRATED WATERSHED MANAGEMENT PROGRAMME

**Nawanshahr IWMP-1/10-11**

**DPR**



**2010-11**

**DIVISIONAL SOIL CONSERVATION OFFICER, NAWANSHAHAR**

**DEPARTMENT OF SOIL & WATER CONSERVATION, PUNJAB**

**DPR COMPILATION BY:**

**THE SOCIETY FOR PROMOTION & CONSERVATION OF ENVIRONMENT,  
CHANDIGARH**

## **EXECUTIVE SUMMARY**

The project area is located in the Shivalik foot hills of the Punjab state and covered under Nawansher district and Saroya block of Balacaur Tehsil. The location of Project area and micro-watersheds is shown in the map. The project area was drawn from Survey of India topo-sheet No53 A/8 and 53A/4.

Two sub- watersheds of Nawanshehr district were selected for funding support by submitting a Preliminary Project Report to the DLR through SLNA. This was approved and then DPR work was awarded to the Society for Promotion and Conservation of Environment Chandigarh. The basic information about the Nawan Shehr IWMP-I/10-11 watersheds is given as under:

### **Basic Project Information**

<b>S.No</b>	<b>Project Name</b>	<b>Sub watershed</b>	<b>Code No</b>	<b>Treatment area ( ha)</b>	<b>Project Cost (Lakh Rs)</b>	<b>PIA</b>
1	Nawan Shehr IWMP-I/10-11 Balachaur, Saroya Block	Pojiwal	IAIC6-r1,r2,r3,r4,r5,r6	1010	121.20	DSCO Nawan Shehr
		Kot-Majra-Boliwal	C5j	950	114.00	
		Kukarsuha Maipur Jhungian	IAIC6-d5,d6	1120	134.40	
		<b>Total</b>		<b>3080</b>	<b>369.60</b>	

Source: Preliminary Project Report (PPR) of IWMP 1 Nawanshar

**NRM:** The overall scope of work under NRM is one drop structure at a cost of Rs. 4.5 lakh, 8706m of 10”diameter RCC pipeline from Govt. tube wells at a cost of Rs. 26.12 lakh + 100m 4” dia GI pipe costing Rs. 0.7 lakh, laser leveling in 60 acres of land over at a cost of Rs. 2.40 lakh and open water disposal channel 1997cume at a cost Rs. 8.49 lakh, excavation of 3 new ponds at a cost of Rs. 9.00 lakh and renovation of 2 ponds at a cost Rs. 2.00, construction of 1082m length of retaining walls of ponds at a cost of Rs. 97.38 lakh, one earthen dams at a cost of Rs. 19.00 lakh and one ground water recharge unit costing Rs. 1.00 lakh, stone masonry retaining wall 272 rmt at a cost Rs. 29.38 lakh, 151 cume of crate wire ramps/bed stabilizers at a cost of Rs. 7.00 lakhs. Against the provision of Rs. 206.97 Lakh, the proposed expenditure is Rs 206.97 lakhs. However, any cost escalation shall be met out from MNREGA funds.

A sum of Rs. 206.97 lakhs is proposed to be spent from IWMP funds and Rs. 15.71 lakhs from the MNREGA funds. It was noted that in recent months, the cost of sand and Bajri have gone very high because of the Hon'ble High Court imposed restriction on mining of sand and bajri. The prices are arising and it is difficult to work out the estimate at the constant prices. It is suggested that 10% of the cost escalation in case of labour component may be provided from the MNREGA funds.

**PRODUCTION SYSTEM:** The production system include 208 acres of new crop varieties of winter maize, pulses, fodder crops at a cost of Rs. 1.04 lakh. 228 acres of vegetable crops including haldi at a cost of Rs. 1.14 lakh. Supply of 535 vegetable seed kits at a cost of Rs. 0.21lakh. Under horticulture 10400 fruit plants at a cost of Rs. 1.04 lakh shall be provided to the farmers. The agroforestry shall be promoted by supplying 5200 plant of poplar at a cost of Rs. 0.52 lakh. 14 livestock awareness camps at a cost of Rs. 0.70 lakh, 21 vermicompost units shall be established at a cost of Rs. 1.68 lakh. For soil moisture conservation 400 acres of land shall be leveled by lazer leveling at a cost of Rs. 16.00. In order to improve breed of livestock 1 AI center shall be established cost of Rs. 15.00 lakh. The production system would included total cost of Rs 36.96 lakhs for production systems, the expected expenditure is also Rs 36.96 lakhs.

**LIVELIHOOD SUPPORT SYSTEM:** In the livelihood support system, it is proposed to establish 17 bee keeping units, 17 mush room cultivation units, 17 sewing and tailoring units at a cost of Rs. 3.40, Rs. 3.40 and Rs. 3.91 lakhs respectively. It is proposed to established under revolving funds assistance to individual unemployed youth 79 dairy unit at a cost of Rs. 19.75 lakh and 20 toy/candle/sweet box making units at a cost of Rs. 2.00 lakh. In case of grant in aid to unemployed youth a provision of 15 units to cobbler/blacksmith, repair of cycltes/mobiles units etc. at a cost of Rs. 0.81 lakh. Out of the total provision of Rs 33.26 lakhs on livelihood support systems, the proposed expenditure is Rs 33.27 lakhs. The cost norms have been adopted after consultations with the PIA staff.

The total cost of NRM works comes to 206.97 against the funds available of Rs. 206.97 lakhs.