

# INTEGRATED WATERSHED MANAGEMENT PROGRAMME

**Nawanshahr IWMP-2/10-11**

**DPR**



**2010-11**

**DIVISIONAL SOIL CONSERVATION OFFICER, FARIDKOT**

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

**DPR COMPILATION BY:**

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

## Executive Summary

### Introduction

The project area is located in the Shivalik foot hills of the Punjab state and covered under Balachaur Block of Nawansher district. The area starts from Kathgarh right upto the hills and then extends along the hills to Malewal village. The location of Project area and micro-watersheds is shown in the map. The project area maps were drawn from Survey of India topo-sheet No 53 A/8 and 53A/4. The latitude varies from 31°-10' to 31°-15' and longitude from 76°-15' to 76°-18'. 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. Separate DPRs have been prepared for each sub-watershed. This report covers Nawanshehr IWMP-II/10-11. The basic information about the selected watershed is given as under:

### Basic Project Information

S.No	Project Name	Sub watershed	Code No	Treatment area ( ha)	Project Cost (Lakh Rs)	PIA
1	Nawan Shehr IWMP-II/10-11 Balachaur, Block	Singhpur	C5e-IAI	290	34.80	DSCO Nawan Shehr
		Malewal	C4-t8,t9,r7 IAI	1480	177.6	
		Mohanmajra-Nighi-Kathgarh	C6-m4,m5,j 4,j5	1450	174.0	
		<b>Total</b>		<b>3220</b>	<b>386.4</b>	

**NRM:** The overall scope of work under NRM 4303.5.5m of 10" diameter RCC pipeline from Govt. tube wells at a cost of Rs. 12.91 lakh, 600 m length of runoff disposal channels at a cost of Rs. 2.56 lakh, 10 drop structures at a cost of Rs. 55.0 lakhs, In addition there is raising of three No. stone masonry structure at a cost of Rs. 6.96 lakh. Crate wire spurs 378 cume and crate wire ramps 69no. at a cost of Rs. 12.47 and 4.14 are proposed. The stone masonry retaining walls having been total length of 816m is provided at a cost of Rs. 88.14 lakh. In addition, 3 crate wire retaining walls provided at Rs. 3.96 lakhs. The water resource development include 4 no. excavated and 5 no. renovation of ponds at a cost of Rs. 11.37 and Rs. 6.05 lakh respectively. The retaining wall of ponds in length of 220 m is provided at a cost of Rs. 12.77 lakhs. Against the provision of Rs 216.38 lakh, the proposed expenditure is Rs 216.36 lakhs.

A sum of Rs. 216.38 lakhs is proposed to be spent from IWMP funds and Rs. 64.97 lakhs from the MNREGA funds.

**PRODUCTION SYSTEM:** *The production system include supply of imporved crops seeds to cover 224 acres at a cost of Rs. 1.12 lakh, Vegetable crops seeds to cover 112 acres at a cost of Rs. 1.12 lakh, 450 vegetable seed kits for kitchen gardens at a cost of Rs. 0.17 lakh. In case of integrated farming system it is purposed to promote raising of 11000 fruit plants at a cost of Rs. 1.10 lakh. Supply sapling promotion of poplar based agro-forestry by providing 72000 poplar plants at a cost of Rs. 7.20 lakhs. This would also include 14 livestock camps at a cost of Rs. 0.70 lakh, 16 vermi-compost unit at a cost of Rs. 1.28 lakh. Improved soil moisture conservation by lazer lavelling on 274 acres of land under command of govt. tubewells shall be carried out at a cost of Rs. 10.95 lakh. The seed etc. shall be provided at half the rate and 50% money shall go to PDF. Under breed improvement programme an AI center would be established at cost Rs. 15.00 lakh where 1000 caff @Rs. 1500/caff shall be paid. Against the provision of Rs 38.60 lakhs for production systems, the expected expenditure is also Rs 38.64 lakhs.*

**LIVELIHOOD SUPPORT SYSTEM:** *In the livelihood support system, it is proposed to provide revolving fund assistance to SHGs for establishing IGA's like 18 bee keeping units at a cost of Rs. 3.60 lakh, 18 mush room cultivation units at a cost of Rs. 3.60 lakh, 17 sewing and tailoring unit at a cost of Rs. 3.91. Under revolving fund assistance to individuals unemployment youth/landless, women it is purposed to support 84 dairy units at a cost of Rs. 21.00 lakh and 20 toy/candle/sweet box making units at a cost of Rs. 2.00 lakh . Under grant in aid to unemployed youth of SC/Back ward classes it is purposed to 12 units of cobbler/black smith/mechanic/repair units at a cost of Rs. 0.66. Out of the total provision of Rs 34.8 lakhs on livelihood support systems, the proposed expenditure is Rs 34.77 lakhs.*