

# **DETAILED PROJECT REPORT – PART - II**

**HOSHIARPUR IWMP 11/2011-12**

## **BROADSHEET CUM ACTION PLAN FOR 5 YEARS** **DETAILS OF PARTICIPATROY IDENTIFIED NRM WORKS**



**PIA: DIVISIONAL SOIL  
CONSERVATION OFFICER,  
HOSHIARPUR**

**DPR PREPARED BY:  
VIMARSH, 445, PHASE III,  
UDYOG VIHAR, GURGAON**

**BROADSHEET CUM ACTION PLAN FOR ALL COMPONENTS  
UNDER IWMP**

## **SUMMARY OF NRM WORKS – VILLAGE WISE**

SUMMARY OF AVAILABILITY OF FUNDS FOR NRM WORKS UNDER IWMP AND FUNDS REQUIRED FOR WORKS

NAME OF PROJECT IWMP 11

PIA: DSCO, HOSHIARPUR

Sr.No.	Name of village	Funds available under IWMP in lacs	Funds required in lacs	Difference in lacs
1	Bela Sariana	80.37	80.36	0.01
2	Puro Chak	7.06	7.06	0
3	Jhang	9.74	9.73	0.01
4	Jamalpur	5.78	5.78	0
5	Bhavnal	22.51	22.49	0.02
6	Fatehpur Kullian	10.08	10.08	0
7	Sariana	35.28	35.33	-0.05
8	Saidon	9.07	9.07	0
9	Naushehra Simbli	21.50	21.49	0.01
10	Sibbochak	5.24	5.24	0
11	Chak Sheron	4.70	4.69	0.01
12	Budhabhar, Pankhu	69.89	69.91	-0.02
13	Mirpur	7.19	7.16	0.03
14	Tanda Churrian	11.42	11.45	-0.03
15	Jhiring	12.77	12.74	0.03
16	Channaur	7.93	8	-0.07
17	Dhal	5.44	5.44	0
18	Kallowal	6.05	6.05	0
19	Mahadpur	9.07	9.05	0.02
20	Jharerian	7.26	7.27	-0.01
21	Hardokhundpur	17.61	17.57	0.04
22	Pandori Bhagat	7.53	7.53	0
Total		373.49	373.49	0

## **DETAILS OF NRM WORKS IDENTIFIED**

Name of Watershed: Hajipur-Mukerian      1. Name of village: Bela Sariana      Funds for NRM under IWMP in lacs: 80.37

Sr.No.	Type of structure/work	Nos.	Length in metres	Breadth in metres	Height/depth	unit	Contents in cum	Rate	Total cost	Beneficiaries	Impact	
1	Roof Rain Water harvest	10				Nos.		80000	800000	15 house holds	Water conservation	
2	Under Ground Pipe Line 8" dia		3615			Mts.		690	2494350	Charanjit Singh, Sukh Singh, Mukhtiar Singh, Kashmir Singh, Saran Das, Malkit Singh, Bhajan Sinnggh, Mistri, Swaran Singh, Ajmer Singh, Rai Singh, Inder Singh, Karnail Singh, Jagjit Singh, Yograj	150 ha land will come under assured irrigation	
3	Laser Levelling	60				ha		16000	960000		Water saving	
4	Crate wire Retaining wall/structures	30	5	1.5	1	ha	7.5			Brij Mohan, Karnail Singh, Avtar Singh, Baba Ram Das, Bairagi Ram, Rattan Singh, Baldev, Rattan Chand, Gurdev, Prem Chand	To check soil erosion and also to save standing crops from overflowing of drains - 25 ha	
			10	1	1	ha	10					
			1st and 2nd step as above - Location on both sides of drains - 5 to 6 kms. Long drain					17.5	2350	1233750		

5	Crate wire Retaining wall/structures	20	3.5	1.5	0.75	ha	3.9375			PRI land 12 ha, Satish, Narinder, Ravinder, Mandir Sariana, Ujagar Singh, Darshan Singh and others.	To check soil erosion and also to save standing crops from overflowing of drains - 25 ha	
			3.25	1	1	ha	3.25					
			1st and 2nd step as above - Location on the banks of drains - 5 to 6 kms. Long drain					7.1875	2350	337813		
6	Under Ground Pipe Line 10" dia		500					800	400000	Charanjit Singh, Sukh Singh, Mukhtiar Singh, Kashmir Singh, Saran Das, Malkit Singh, Bhajan Sinng, Mistri, Swaran Singh, Ajmer Singh, Rai Singh, Inder Singh, Karnail Singh, Jagjit Singh, Yograj	For assured irrigation to 20 ha of land	
7	Run off control structures - stone masonry	9	5	3	1.5	cum	202.5	4000	810000		saving of 10 ha of land	
	NEAR DHOOP SARI											

8	Open channel - Pacca		1000						400000	Balbir Singh and various small and marginal farmers	saving of 15 ha of land
9	Retaining wall - stone masonry work	4	15	1.5	1	cum	22.5			Shamsher, Satish, Kirpal, Balvinder, Kamal Dev and others	saving of 10 ha of land
			15	1	1		15				
							37.5	4000	600000		
	Total								8035913		



Name of Watershed:

Hajipur-Mukerian

**2. Name of village**  
**Puro Chak**

Funds for NRM under IWMP in lacs

7.06

Sr.No.	Type of structure/work	Nos.	Length in metres	Breadth in metres	Height/depth	unit	Contents in cum	Rate	Total cost	Beneficiaries	Impact
1	Laser Levelling	10				ha		16000	160000	5 farmers	Water saving
2	Under Ground Pipe Line 6" dia		1150	Extension from existing source -		Mts.		475	546250	20 farmers	32 ha land will come under assured irrigation
	Total								706250		

	Names of beneficiaries: Om Raj, Prem Singh, Charanjit, Santosh, Ruplal,
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Name of Watershed: Hajipur-Mukerian      **3. Name of village**      **Jhang**      Funds for NRM under IWMP in lacs      9.74

Sr.No.	Type of structure/work	Nos.	Length in metres	Breadth in metres	Height/depth	unit	Contents in cum	Rate	Total cost	Beneficiaries	Impact
1	Under Ground Pipe Line 6" dia		1100	Extension from existing source - from private tube wells and govt. tube wells		Mts.		475	522500	Parmanand, Balwant, Rajinder, Dina Ram, Devinder, Mohinder, Hans Raj, Sewa singh and others	50 ha land will come under assured irrigation
2	Renovation of village pond	60x60 mts.							130000	Common work	
3	Laser Levelling	20				ha		16000	320000		Water saving
	Total								972500		

Name of Watershed:

Hajipur-Mukerian

**4. Name of village**  
**Jamalpur**

Funds for NRM under IWMP in lacs

5.78

Sr.No.	Type of structure/work	Nos.	Length in metres	Breadth in metres	Height/depth	unit	Contents in cum	Rate	Total cost	Beneficiaries	Impact
1	Laser Levelling	4				ha		16000	64000	5 farmers	Water saving
2	Under Ground Pipe Line 8" dia		745	Extension from existing source -3 govt tube wells and one private tube well		Mts.		690	514050	20 farmers	15 ha land will come under assured irrigation
	Total								578050		

NAMES OF BENEFICIARIES: Malkit Singh, Piara Singh, Darshan Singh, Jagjit Singh, Kewal Krishan, Kamlesh

Name of Watershed:

Hajipur-Mukerian

**5. Name of  
village****Bhavnal**

Funds for NRM under IWMP in lacs

22.51

Sr.No.	Type of structure/work	Nos.	Length in metres	Breadth in metres	Height/depth	unit	Contents in cum	Rate	Total cost	Beneficiaries	Impact
1	Under Ground Pipe Line 8" dia		2100	Extension from existing source - from private tube wells and govt. tube wells		Mts.		690	1449000	Balbir, Dewan, Shingara,Sat, Pala and others	150 ha land will come under assured irrigation
2	Laser Levelling	50				ha		16000	800000		Water saving
	Total								2249000		

Name of Watershed: Hajipur-Mukerian      6. Name of village: Fatehpur Kullian      Funds for NRM under IWMP in lacs: 10.08

Sr.No.	Type of structure/work	Nos.	Length in metres	Breadth in metres	Height/depth	unit	Contents in cum	Rate	Total cost	Beneficiaries	Impact
1	Under Ground Pipe Line 6" dia		1100			Mts.		475	522500	Hardev, Mehar Chand, Madan Lal, Balkar, Karnail, Bahadur, Tarsem, Saudagar, Gurdas, Jaspal, Rashpal, Nanak Chand, Kiran Bala, Rajnish Kumar, Puran Chand, Sita Ram, Ram singh, Sarup, Santokh Singh	50 ha land will come under assured irrigation
2	Renovation of village pond	60x60 mts.							150000	Common work	
2	Laser Levelling	21				ha		16000	336000		Water saving
	Total								1008500		

Name of Watershed: Hajipur-Mukerian      **7. Name of village** Sariana      Funds for NRM under IWMP in lacs      35.28

Sr.No.	Type of structure/work	Nos.	Length in metres	Breadth in metres	Height/depth	unit	Contents in cum	Rate	Total cost	Beneficiaries	Impact
1	Under Ground Pipe Line 8" dia		4100			Mts.		690	2829000	Ravindr, Satish, Kamaljit, Rudarmani, Amarnath, Devinder, Ujagar, Harvinder, Gian Chand, Malkit, Krishan, Brij Kumar, and others	150 ha land will come under assured irrigation
2	Laser Levelling	44				ha		16000	704000		Water saving
	Total								3533000		

Name of Watershed: Hajipur-Mukerian      **8. Name of village** Saidon      Funds for NRM under IWMP in lacs      9.07

Sr.No.	Type of structure/work	Nos.	Length in metres	Breadth in metres	Height/depth	unit	Contents in cum	Rate	Total cost	Beneficiaries	Impact
1	Under Ground Pipe Line 8" dia		750			Mts.		690	517500	Hans Raj, Atma, Gurnam, Sarwan, Sampuran, Bakhsi, Sukhdev, Ramesh, Gurmel, Bahadur, Kharak, Rashpal, Mohan	75 ha land will come under assured irrigation
2	Retaining wall around village well - Renovation								150000	Common work	
2	Laser Levelling	15				ha		16000	240000		Water saving
	<b>Total</b>								907500		

Name of Watershed: Hajipur-Mukerian      **9. Name of village** Naushehra Simbli      Funds for NRM under IWMP in lacs      21.5

Sr.No.	Type of structure/work	Nos.	Length in metres	Breadth in metres	Height/depth	unit	Contents in cum	Rate	Total cost	Beneficiaries	Impact
1	Under Ground Pipe Line 8" dia		1310	Extension from existing source - from private tube wells and govt. tube wells		Mts.		690	903900	Gopal, Darshan, Nachhatar, Mangal, Sukhram, Laftan, Mohinder, Rajinder Pal,	50 ha land will come under assured irrigation
2	Crate Wire structures	20	10	1.5	1		15				
			10	1	1	cum	10			Common work	
	Double steps crate wire structures						25	2350	1175000	Various farmers	30 ha of land saved
3	Field Bunding		1000					70	70000		
	<b>Total</b>								2148900		



Name of Watershed: Hajipur-Mukerian      **10. Name of village** Sibbo Chak      Funds for NRM under IWMP in lacs      5.24

Sr.No.	Type of structure/work	Nos.	Length in metres	Breadth in metres	Height/depth	unit	Contents in cum	Rate	Total cost	Beneficiaries	Impact
1	Under Ground Pipe Line 6" dia		520	Extension from existing source - from private tube wells and govt. tube wells		Mts.		475	247000	Rashpal, Parduman, Kuldip, Sukhdial, Guriqbal and others	50 ha land will come under assured irrigation
2	Renovation of village wells	2							150000	Common work	
3	Laser Levelling	6				ha		16000	96000		Water saving
4	Field Bunding		450					70	31500		
	Total								524500		

Name of Watershed:

Mukerian

**11. Name of  
village****Chak Sheron**

Funds for NRM under IWMP in lacs

4.70

Sr.No.	Type of structure/work	Nos.	Length in metres	Breadth in metres	Height/depth	unit	Contents in cum	Rate	Total cost	Beneficiaries	Impact
1	Under Ground Pipe Line 6" dia		650	Extension from existing source - from private tube wells and govt. tube wells		Mts.		475	308750	Anup, Malkit, Updesh, Om Parkash, Jarnail, Basant, Channan Singh and others	40 ha land will come under assured irrigation
2	Laser Levelling	10				ha		16000	160000		Water saving
Total									468750		

Name of Watershed:

Mukerian

12. Name of  
village**PANKHU**

Funds for NRM under IWMP in lacs

69.89

## WORKS IDENTIFIED UNDER NRM IN VILLAGE PANKHU (HADBAST WITH VILLAGE BUDHABAR)

Sr.No.	Type of structure/work	Nos.	Length in metres	Breadth in metres	Height/depth	unit	Contents in cum	Rate	Total cost	Beneficiaries	Impact
1	Under Ground Pipe Line 8" dia		1090			Mts.		690	752100	Vinod, Chiranji, Hoshiar, Nand, Harish, Jag Balak, Pritam, Hardev, Chanan, Pritam, Thakur Das, Karam, Partap and others	75 ha land will come under assured irrigation
2	Laser Levelling	30				ha		16000	480000		Water saving
3	Renovation of village ponds	2							150000	Common work	
	Total								1382100		

## VILLAGE: BUDHABHAR

Sr.No.	Type of structure/work	Nos.	Length in metres	Breadth in metres	Height/depth	unit	Contents in cum	Rate	Total cost	Beneficiaries	Impact
1	Under Ground Pipe Line 8" dia		3500			Mts.		690	2415000	Vinod, Chiranji, Hoshiar, Nand, Harish, Jag Balak, Pritam, Hardev, Chanan, Pritam, Thakur Das, Karam, Partap and others	75 ha land will come under assured irrigation
2	Laser Levelling	75				ha		16000	1200000		Water saving

3	Renovation of village Ponds	4						100000	400000	Common work	Water conservation	
Location of ponds: Maujpur Mohalla, Tanda Ramdas, Bhui Mohalla, Pltihian Mohalla												
Renovation includes deepening, desilting and boundary walls etc.												
4	Renovation of village wells	6						75000	450000	Common work	Water conservation	
Location: Masit Da Khuh, Mahashyan Da Mohalla, Tanda Mohalla, Maujpur Mohalla, Gujranpur Mohalla, , Rampur Mohalla												
5	Roof rain water harvest structures	5						80000	400000			
			5	1.5	1		7.5					
6	Crate Wire structures		5	1	1	cum	5					
		10	1st step and 2nd step as above					12.5	2350	293750		
	Run off control structures	5	5	3	1.5	cum	22.5	4000	450000			
<b>NRM WORKS IDENTIFIED AT VILLAGE BUDHABAR</b>									5608750			
<b>NRM works identified at village Pankhu (part of Budhabar)</b>									1382100			
<b>TOTAL NRM WORKS FOR PANKHU AND BUDHABAR</b>									6990850			

Name of Watershed:

Mukerian

**13. Name of  
village****Mirpur**

Funds for NRM under IWMP in lacs

7.19

Sr.No.	Type of structure/work	Nos.	Length in metres	Breadth in metres	Height/depth	unit	Contents in cum	Rate	Total cost	Beneficiaries	Impact
1	Under Ground Pipe Line 6" dia		1000	Extension from existing source - from private tube wells and govt. tube wells		Mts.		475	475000	Sukhdev, Baldev, Dilawar, Devi, Balbir, Balwant, Kartar, Arjun, Ravinder, Karan, Kuldeep, Shankar, Sansar, Ashwani, Ravi, Ravinder	60 ha land will come under assured irrigation
2	Laser Levelling	12				ha		16000	192000		Water saving
3	Field Bunding		700					70	49000		
	Total								716000		

Name of Watershed:

Mukerian

**14. Name of  
village****Tanda Churrian**

Funds for NRM under IWMP in lacs

11.42

Sr.No.	Type of structure/work	Nos.	Length in metres	Breadth in metres	Height/depth	unit	Contents in cum	Rate	Total cost	Beneficiaries	Impact
1	Under Ground Pipe Line 8" dia		900			Mts.		690	621000	Mohinder, Budh, Dalip, Dilawar, Gagan, Nirmal, Gurdev, Swaran, Prem Singh, Bhupinder, Rupinder, Sital Singh, Sohan, Moha, Shingara, Daya Arvinder, Balvindr, Swaran, Gurdev, Tarsem, Wassan, Bhupinder, Harjinder, Gurmeet, Jit Singh and others	100 ha land will come under assured irrigation
2	Laser Levelling	24				ha		16000	384000	Various farmers	Water saving
3	Field bunding		2000			mts.		70	140000	Various farmers	Water saving
	Total								1145000		

Name of Watershed:

Mukerian

**15. Name of  
village****Jhiring**

Funds for NRM under IWMP in lacs

12.77

Sr.No.	Type of structure/work	Nos.	Length in metres	Breadth in metres	Height/depth	unit	Contents in cum	Rate	Total cost	Beneficiaries	Impact
1	Under Ground Pipe Line 8" dia		1400			Mts.		475	665000	Sudarshan, Ravinder, Gagan, Gurdev, Karam, Sangram, Kuldip, Avtar, Joginder and others	40ha land will come under assured irrigation
2	Laser Levelling	19				ha		16000	304000	Various farmers	Water saving
3	Renovation of village pond								200000	Common work	Water conservation
4	Field bunding		1500			mts.		70	105000	Various farmers	Water saving
	Total								1274000		

Name of Watershed:

Mukerian

**16. Name of  
village****Channaur**

Funds for NRM under IWMP in lacs

7.93

Sr.No.	Type of structure/work	Nos.	Length in metres	Breadth in metres	Height/depth	unit	Contents in cum	Rate	Total cost	Beneficiaries	Impact
1	Under Ground Pipe Line 8" dia		550	Extension from existing source - from private tube wells and govt. tube wells		Mts.		690	379500	Kewal, Sohan, Raghbir, Santokh Gurinder, Sucha, Satnam Kaur and others	50 ha land will come under assured irrigation
2	Renbovation of pond								100000		
3	Laser Levelling	20				ha		16000	320000		Water saving
	Total								799500		



Name of Watershed:

Mukerian

**17. Name of  
village****Dhal**

Funds for NRM under IWMP in lacs

5.44

Sr.No.	Type of structure/work	Nos.	Length in metres	Breadth in metres	Height/depth	unit	Contents in cum	Rate	Total cost	Beneficiaries	Impact
1	Under Ground Pipe Line 8" dia		500	Extension from existing source - from private tube wells and govt. tube wells		Mts.		690	345000	Bhajan, Prakash, Dev Raj, Malkit, Parshotam, Sandok, Amar, Gulzari, Raghbir, Karam Chand, Balwant	30 ha land will come under assured irrigation
2	Laser Levelling	8				ha		16000	128000		Water saving
3	Field bunding		1000			mts.		70	70000		Water saving
	Total								543000		

Name of Watershed:

Mukerian

**18. Name of  
village****Kallowal**

Funds for NRM under IWMP in lacs

6.05

Sr.No.	Type of structure/work	Nos.	Length in metres	Breadth in metres	Height/depth	unit	Contents in cum	Rate	Total cost	Beneficiaries	Impact
1	Under Ground Pipe Line 8" dia		460		Extension from existing source - from private tube wells and govt. tube wells	Mts.		690	317400	Balbir, Dewan, Shingara,Sat, Pala and others	150 ha land will come under assured irrigation
2	Laser Levelling	18				ha		16000	288000		Water saving
	Total								605400		

Name of Watershed:

Mukerian

**19. Name of  
village****Mahadpur**

Funds for NRM under IWMP in lacs

9.07

Sr.No.	Type of structure/work	Nos.	Length in metres	Breadth in metres	Height/depth	unit	Contents in cum	Rate	Total cost	Beneficiaries	Impact
1	Under Ground Pipe Line 8" dia		1185			Mts.		475	562875	Kuldip, Sukhdev, Manjit Kaur, Bakhshish, Ram Krishan, Balbir, Preet Pal, Avtar, Balbir and others	75 ha land will come under assured irrigation
2	Open channel - to drain out logged water		1200 mts.						150000	Bakhshish, Kuldip, Tejinder, Manjit Kaur, Joginder, Varinder, Devinder, Surinder, Kulbir, Randhir Singh, Sandeep, Kewal Krishan, Mohinder, Joginder, Avtar, Pritpal, Balbir, Om Parkash, Dharamvir, Ram Kishan, Rano Devi, PRI land and others	60 ha of land likely to be saved from damage
3	Laser Levelling	12				ha		16000	192000		Water saving
	Total								904875		

Name of Watershed:

Mukerian

**20. Name of  
village****Jharerian**

Funds for NRM under IWMP in lacs

7.26

Sr.No.	Type of structure/work	Nos.	Length in metres	Breadth in metres	Height/depth	unit	Contents in cum	Rate	Total cost	Beneficiaries	Impact
1	Under Ground Pipe Line 6" dia		815	Extension from existing source - from private tube wells and govt. tube wells		Mts.		475	387125	Various farmers	50 ha land will come under assured irrigation
2	Renovation of village pond	10 kanals - two sides boundry walls							100000	Common work	
2	Laser Levelling	15				ha		16000	240000	Various farmers	Water saving
	Total								727125		

Name of Watershed:

Mukerian

**21. Name of  
village****Hardo Khundpur**

Funds for NRM under IWMP in lacs

17.61

Sr.No.	Type of structure/work	Nos.	Length in metres	Breadth in metres	Height/depth	unit	Contents in cum	Rate	Total cost	Beneficiaries	Impact
1	Under Ground Pipe Line 8" dia		1560	Extension from existing source - from private tube wells and govt. tube wells		Mts.		690	1076400	Shamsher, Sarup, Buidas, Swaroop, Malkit, Maheshwar, Rakesh, Naresh, Gurbaksh, Muktiar, Thakur, Arvind, Dalbir, Khushwant Rai, Vijay, Balbir sinngh, Rahul, Kulwant, Jagdeep, Joginder, Jagir Singh, Parshotam Singh, Om Parkash and others	40 ha land will come under assured irrigation
2	Laser Levelling	30				ha		16000	480000		Water saving
3	Renovation of village pond	1	Area of pond 3 .5 acres					200000	200000	Common work	Water Conservation
Total									1756400		

Name of Watershed:

Mukerian

**22. Name of  
village****Pandori Bhagat**

Funds for NRM under IWMP in lacs

7.53

Sr.No.	Type of structure/work	Nos.	Length in metres	Breadth in metres	Height/depth	unit	Contents in cum	Rate	Total cost	Beneficiaries	Impact
1	Under Ground Pipe Line 6" dia		860			Mts.		475	408500	Amit, Muni Lal, Inder, Gopal, Baljeet, Gulshan, Paramjit, Karanjit, Suresh, Ranbir, Umesh	100 ha land will come under assured irrigation
2	Laser Levelling	15				ha		16000	240000		Water saving
3	Field bunding		1500			mts.		70	105000		Water saving
	Total								753500		