

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

Details of NRM works – Project IWMP 7 – Part II

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

NAME OF PROJECT IWMP 7

PIA: DSCO, HOSHIARPUR

Sr.No.	Name of village	Funds available under IWMP in lacs	Funds required in lacs	Difference in lacs
1	Chak Mirpur	23.18	23.19	-0.01
2	Chak Pandian	15.12	8.34	0.03
	Shri Pandian		6.75	
3	Changarwan	32.59	32.62	-0.03
4	Adampur Motian	7.39	7.37	0.02
5	Ulaha	4.44	4.4	0.04
6	Handwal	16.13	16.13	0
7	Rauli	6.45	6.45	0
8	Namoli	21.5	21.51	-0.01
9	Sathwan	26.07	26.1	-0.03
10	Fatehpur	9.41	9.42	-0.01
11	Beh Mawa	18.48	18.47	0.01
12	Gwal Chak Shangaroo	3.02	3.04	-0.02
13	Bhatoli	10.48	10.47	0.01
14	Dharampur	36.96	36.87	0.09
15	Amroh	13.51	13.44	0.07
16	Batwara	15.19	15.21	-0.02
17	Alera	19.82	19.84	-0.02
18	Bhol Badmania	39.31	39.43	-0.12
Total		319.05	319.05	0



## **DETAILS OF NRM WORKS IDENTIFIED**

Details of NRM works – Project IWMP 7 – Part II

**1. Name of village: Chak Mirpur**

**Funds for NRM under IWMP in lacs 23.18**

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	30				ha		16000	480000	15 farmers	Water saving
2	Under Ground Pipe Line 8" dia		950	Extension from existing source -Shah Nehar right side		Mts.		690	655500	30 farmers	25 ha land will come under irrigation
3	Under Ground Pipe Line 6" dia		875	Extension from existing source -RD 3200		Mts.		475	415625	25 farmers	20 ha land will come under irrigation
4	Under Ground Pipe Line 6" dia		370	Extension from existing sources		Mts.		475	175750	15 farmers	10 ha land will come under irrigation
5	Crate Wire structures	35	1st step	3.50*1.50*.75			3.95			15 farmers	20 ha land will come under irrigation
			2nd step	3.25*1*1			3.25				
						cum	7.2	2350	592200		
	<b>Total</b>								<b>2319075</b>		

**2. Name of village: Chak Pandian**

**Funds for NRM under IWMP in lacs 15.12**

Sr.No.	Type of structure	Nos.	Length in metres	Breadth in metres	Height/depth	Unit	Contents in cum	Rate	Total cost	Beneficiaries	Impact
1	LAND LEVELLING	6				ha		16000	96000	various farmers	Water saving
2	Open channel								10000	2 farmers	2 ha of land
3	Retaining wall	1	70	1	1.1		77				
			70	0.75	2		105			Common work	PRI land
		1st and 2nd step as above				cum	182	4000	728000		
	Total								834000		

**Shri Pandian**

**WORKS IDENTIFIED UNDER NRM FOR THIS VILLAGE**

**674646**

TOTAL

1508646

**3. Name of village: Shri Pandian**

Sr.No.	Type of structure	Nos.	Length in metres	Breadth in metres	Height/depth	Unit	Contents in cum	Rate	Total cost	Beneficiaries	Impact
1	Land Levelling	8				ha		16000	128000	Various farmers	Water saving
2	Retaining wall		38	1	1		38				
			38		1.2	cum	32.83				
							70.83	4000	283328	Common work	PRI land
		1st and 2nd step as above									
3	Crate Wire structures	3	3	1	1.25	cum	3.75	2350	26438	Various farmers	Saving 2 ha of land

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		Ist step	3.50*1.50*.75		3.95					
4	Crate Wire structures	2nd step	3.25*1*1		3.25					
	14			cum	7.2	2350	236880	Various farmers	Saving 10 ha of land	
<b>Total</b>							<b>674646</b>			

**4. Name of village: Changarwan**

**Funds for NRM under IWMP in lacs**

**32.59**

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	Land Levelling	40				ha		16000	640000	Various farmers	Water saving
2	Under ground pipeline 6 " dia		1500		Extension from existing source - From Shah Nehar both sides	mts.		475	712500	30 farmers	30 ha of agri land would come under irrigation
3	Under ground pipeline 6 " dia		1000		Extension from existing source- From Jhaal No.2 left side	mts.		475	475000	25 farmers	25 ha of agri land would come under irrigation
4	Under ground pipeline 8 " dia		1500		Extension from existing source- From Jhaal No.2 right side	mts.		690	1035000	30 farmers	35 ha of agri land would come under irrigation
5	Renovation of pond	1				Nos.			400000	Common work	Water Conservation
	<b>Total</b>								<b>3262500</b>		





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**5. Name of village: Adampur Motian**

**Funds for NRM under IWMP in lacs**

**7.39**

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	Land Levelling	6				ha		16000	96000	3 farmers	Water Saving
2	Underground pipe line 6" dia		1350	Extension from existing source - From Shah Nehar		mts.		475	641250	Various farmers	40 ha of agri land would come under irrigation
	Total								737250		

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**6. Name of village: Ulaha**

**Funds for NRM under IWMP in lacs 4.44**

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	Land levelling	4				ha		16000	64000	6 farmers	Water saving
2	Retaining Wall	1	14	1	1		15			PRI	2 acres
			15	0.75	1.5		17				
		1st step and 2nd step as above				cum	32	4000	127500		
3	Crate Wire structures	9	3	1	1.25		3.75	2350	79313	Various farmers	10 ha land saved and check in soil erosion
			1st step	3.50*1.50*.75			3.95				
			2nd step	3.25*1*1		cum	3.25				
		Alongwith choe near crematorium									
		1st step and 2nd step as above									
4	Crate Wire structures	10				cum	7.2	2350	169200		10 ha land saved and check in -soil erosion
									440013		

**7. Name of village: Handwal**

**Funds for NRM under IWMP in lacs 16.13**

Sr.No.	Type of structure	Nos.	Length in metres	Breadth in metres	Height/depth	Unit	Contents in cum	Rate	Total cost	Beneficiaries	Impact
1	Land levelling	12				ha		16000	192000	Various farmers	Water saving
2	Underground pipe line 8"	490		Extension from existing source -Perrenial flow		mts.		690	338100		
3	Underground pipe line 6"	860		Extension from existing source -Canal		mts.		475	408500		20 ha of land would come under irrigationn
4	Retaining wall	1	45	1	1		45			Common work	Saving PRI land
			45	72	1.2		38.88				
		1st and 2nd step as above				cum	83.88	4000	335520		
			1st step	3.50*1.50*.75			3.95				
5	Crate wire structures		2nd step	3.25*1*1			3.25				
		20				cum	7.2	2350	338400	Various farmers	saving 8 ha of land
	<b>Total</b>								1612520		

**8. Name of village: Rauli**

**Funds for NRM under IWMP in lacs**

**6.45**

Sr.No.	Type of structure	Nos.	Length in metres	Breadth in metres	Height/depth	Unit	Contents in cum	Rate	Total cost	Beneficiaries	Impact
1	Land levelling	8				ha		16000	128000	Various farmers	Water saving
2	Underground pipeline 8 "	314	Extension from existing source - own tubewells			mts.		690	216660	Various farmers	20 ha of land would come under irrigation
3	Renovation of perennial flow	1				Nos.			200000		
4	Drain cleaning	In two times							100000		
									644660		

**9. Name of village: Namoli**

**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	Land Levelling	10				ha		16000	160000	10 farmers	Water saving	
2	Under ground pipeline 6" dia		490	Extension from existing source- PSTC		Mts.		475	232750			
3	Under ground pipeline 6" dia		350	Extension from existing source- Kandi Canal		Mts.		475	166250	40 farmers	25 ha of agri land would come under irrigation	
4	Renovation of pond	1	Pukhar Mohalla						160000	Common work	Water conservation	
5	Retaining Wall	1	40		0.9	1	cum	36		Chain Singh, Sukraj and others	Field Protection	
6	Retaining Wall		40		0.75	1.2	cum	36		Chain Singh, Sukraj and others	Field Protection	
			1st and 2nd step as above					72	4000	288000		
7	Run off control structures	8						25	3800	760000	Chain Singh, Sukraj and others	Field Protection

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8	Retaining Wall	1	35	1	1	35					
			35	0.75	1.5	39					
			1st and 2nd step as above			74	4000	297500	Common work		
9	Crate Wire structures	6	1st step	3.50*1.50*.75		3.95					
			2nd step	3.25*1*1		3.25					
						7.2	2000	86400	Chain Singh, Sukraj and others	Field Protection	
	Total							2150900			

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**10. Name of village: Sathwan**

**Funds for NRM under IWMP in lacs**

**26.07**

Sr.No.	Type of structure	Nos.	Length in metres	Breadth in metres	Height/depth	Unit	Contents in cum	Rate	Total cost	Beneficiaries	Impact
1	Land levelling	30				ha		16000	480000	Various farmers	Water saving
2	Retaining wall	1	22			cum	30	4000	120000	PRI	4 kanals saving of land
3	Underground pipeline 8"	650	Extension from existing source			mts.		690	448500	Various farmers	40 ha of land would come under irrigation
4	Underground pipeline 8"	315	8"			mts.		690	217350		
5	Diversion channel - waste water disposal								75000		Saving land from getting damaged 4 ha
6	Crate wire structures	75									Check in soil erosion and saving land to the tune of 50 ha
			3.5	1.5	0.75		3.94				
			3.25	1	1		3.25				
						cum	7.2	2350	1266797		
			1st and 2nd step as above						2607647		

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**11. Name of village: Fatehpur**

**Funds for NRM under IWMP in lacs**

**9.41**

Sr.No.	Type of structure	Nos.	Length in metres	Breadth in metres	Height/depth	Unit	Contents in cum		Rate	Total cost	Beneficiaries	Impact
1	Roof Rainwater harvest structure	1	3	3	2	Nos.			80000	80000	Govt.school	Water conservation
2	Underground pipeline 6"	200	Extension from existing source - Govt.Tubewell			Mts.			475	95000	Various farmers	30 ha land would come under irrigation
3	Crate wire structures	39	3		1	1.25	cum	3.75	2350	343688	Various farmers	Saving 15 ha of land
	Khad near Mistri Mohalla, Chanan Mohalla, Kumahar Mohalla											
4	Crate wire structures	25	3.5		1.50*.75			3.95				
			3.25		1*1			3.25				
			1st and 2nd step as above.				cum	7.2	2350	423000		Saving 12 ha of land
	Khad near Nama and Bakhshish Mohalla											
	Total									941688		



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**12. Name of village: Beh Mawa**

**Funds for NRM under IWMP in lacs 18.48**

Sr.No.	Type of structure	Nos.	Length in metres	Breadth in metres	Height/depth	Unit	Contents in cum	Rate	Total cost	Beneficiaries	Impact
1	Underground pipeline 6"	400	Extension from existing bores-Beh Mawa 1 & 2			mts		475	190000	10 farmers	20 ha land would come under irrigation
2	Renovation of pond	1	120	Base width 0.45+0.50	1.5	Nos.	210	4000	840000	Common work	Water Conservation
3	Crate Wire structures Single step	60	3	1	1.25	cum	3.75	2350	528750	40 farmers	Saving 40 ha of land
		In the area of 4 kms.									
4	Crate Wire structures Double steps	20	In the area of 4 kms.								Saving 20 ha of land
				3.50*1.50* .75			3.95				
				3.25*1*1			3.25				
			1st and 2nd step as above			cum	7.2	2000	288000	15 farmers	
	<b>Total</b>								1846750		

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**13. Name of village: Gwal Chak**

**Funds for NRM under IWMP in lacs**

**3.02**

Sr.No.	Type of structure	Nos.	Length in metres	Breadth in metres	Height/depth	Unit	Contents in cum	Rate	Total cost	Beneficiaries	Impact
1	Land levelling	5.5				Mts.		16000	88000	8 farmers	Water saving
2	Retaining wall-Stone Masonary	1	70	0.7	1.1	cum	53.9	4000	215600		To check soil erosion
		Total							303600		

Name of village

Bhatoli

Funds for NRM under IWMP in lacs

10.48

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	Crate wire structures	30	3.5	1	1.25	cum	4.375	2350	308438	Various farmers	Check in soil erosion, water saving and more area would come under irrigation
	To drain out sludge water										
2	Undergrojnd pipeline 6" dia	300	Extension from existing source-Govt. tubewell			Mts.		475	142500		
3	Land levelling	11				ha		16000	176000		
4	Retaining wall-Stone masonary	1	150	0.7	1	cum	105	4000	420000		
	Retaining wall near school ground to protect fields										
	Total								1046938		

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**14. Village: Dharampur**

**Funds for NRM under IWMP in lacs**

**36.96**

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 structures	2	3	3	2	Nos.		80000	160000	Two households	Water conservation
2	Field Bunding	1050				mts.		70	73500	Various farmers	Protecting agri land 50 ha, checking soil erosion and water conservation
3	Run off control structures	12	5	3	1.5	cum	270	4000	1080000		
4	Run off control structures	7	5	3	2	cum	210	4000	840000		
5	Stone Masonry Retaining wall	4									
		Ist step	6	1	3		18				
		2nd step	6	0.7	1		4.2				
						cum	22.2	4000	355200		
6	Renovation of well	1						50000	50000		
			Ist step	16*1.5*.1	1.25		24				
7	Crate wire structures		2nd step	16.*1*1			16				
		12					40	2350	1128000		
ACROSS THE CHOE - MAIN KHAD BHOL BADMANIA - AGRI LAND ON BOTH SIDES OF KHAD											
Total									3686700		

Details of NRM works – Project IWMP 7 – Part II

**15. Village: Amroh**

**Funds for NRM under IWMP in lacs**

**13.51**

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	Roof rain water harvest structures	1	3	3	2	Nos.		80000	80000	Two households	Water conservation
3	Run off control structures	2	6	3	1.5	cum	54	4000	216000	Various farmers	Check in soil erosion, saving land - approx. 20 ha
4	Run off control structures	2	5	3	2	cum	60	4000	240000		
5	Stone Masonry Retaining wall	1									
		1st step	7	1	3		21				
		2nd step	7	0.70	1		4.9				
						cum	25.9	4000	103600		
		1st step	10	1.5	1		15				
6	Crate wire Retaining walls	2nd step	10	1	1		10				
		12					25	2350	705000		
	ACROSS THE CHOE - MAIN KHAD OF BATWARA AND NUMBER OF SMALL CHOES - AGRI LAND ON BOTH SIDES OF KHAD										
	Total								1344600		

Details of NRM works – Project IWMP 7 – Part II

**16. Village: Batwara**

**Funds for NRM under IWMP in lacs**

**15.19**

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	Run off control structures	3	5	3	1.5	cum	67.5	4000	270000	Various farmers	Check in soil erosion, saving land and water conservation
2	Run off control structures	4	5	3	2	cum	120	4000	480000		
3	Renovation of Main village Pond	1	Retaining wall					125000	125000		
		1st step	11	1.5	1		16.5				
5	Crate wire structures	2nd step	11	1	1		11				
		10					27.5	2350	646250		
	ACROSS THE CHOE - JAURA BAHADUR - JUNGLE SIDE AND KHAD SIDE - AGRI LAND ON BOTH SIDES OF KHAD										
	Total								1521250		

Details of NRM works – Project IWMP 7 – Part II

**17. Village: ALERA**

**Funds for NRM under IWMP in lacs**

**19.82**

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 structures	2	3	3	2	Nos.		80000	160000	Four households	Water conservation
2	Field Bunding	260				mts.		70	18200	Various farmers	Protecting agri land 30 ha, checking soil erosion and water conservation
3	Run off control structures	11	3	3	1.5	cum	148.5	4000	594000		
4	Run off control structures	4	5	3	2	cum	120	4000	480000		
5	Stone Masonry Retaining wall	1									
		1st step	7	1	3		21				
		2nd step	7	0.7	1		4.9				
						cum	25.9	4000	103600		
6	Renovation of Pond	1						100000	100000		
		1st step	9	1.5	1		13.5				
7	Crate wire structures	2nd step	9	1	1		9				
		10					22.5	2350	528750		
ACROSS THE CHOE - MAIN KHAD ALERA AND DHARAMPUR KHAD NEAR WATER WORKS, near SC Mohalla - AGRI LAND ON BOTH SIDES OF KHAD											
	Total								1984550		

Details of NRM works – Project IWMP 7 – Part II

**18. Village: Bhol Badmania**

**Funds for NRM under IWMP in lacs**

**39.31**

Sr.No.	Type of structure/work	Nos.	Length in metres	Breadth in metres	Height/dept h	Unit	Contents in cum	Rate	Total cost	Beneficiaries	Impact
1	Run off control structures	15	5	3	1.5	cum	337.5	4000	1350000	Various Farmers	Check in soil erosion, field protection, waterr conservation
2	Run off control structures	8	5	3	2	cum	240	4000	960000		
3	Stone Masonry Retaining wall	4									
		Ist step	6	1	3		18				
		2nd step	6	0.7	1		4.2				
						cum	22.2	4000	355200		
4	Renovation of Pond	1						150000	150000		
			Ist step	16*1.5*.1	1.25		24				
5	Crate wire structures		2nd step	16.*1*1			16				
		12					40	2350	1128000		
	ACROSS THE CHOE - MAIN KHAD BHOL BADMANIA - AGRI LAND ON BOTH SIDES OF KHAD										
	Total								3943200		