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# Natural Resource Management

## HIGHLIGHTS 2005 – 2006

### Rajasthan

- 19 water-harvesting structures completed, work in progress at 6 further sites
- Project on 'Strengthening local governance of Natural resources in Rajasthan' initiated in three panchayats of Jamwa Ramgarh block, Jaipur district
- Established 20 vermi-culture pits in 3 villages in Karoli district
- Two training manuals on watershed development developed for grass-root level organizations and for workers of NGOs/CBOs

- Four training-cum-exposure visits to three prestigious NGOs organized for interested community members and field staff

### Karnataka

- 14 Training and exposure visits organized for field workers and community members
- 18 water harvesting works, 12 gabion structures and 12813 running meters of boulder bund constructed
- Five new Cluster level Associations

(CLA) of SHGs formed, linked up with banks

- Cluster Level Association (CLAs) and their SHGs were lent Rs.4, 51,999/- as micro finance, used for initiating new micro enterprises
- Watershed Maintenance Fund (WMF) built with cash contribution from farmer's stands at Rs. 1.11 lakhs
- Cumulative total common fund (including savings) of Rs. 13,20,129 was mobilized by SHG members and inter loaning of Rs. 40,47,534 was carried out by the groups





# Natural Resource Management

Water is a renewable resource, but also a finite one. Yet water resources have for too long been taken for granted, a free resource to be exploited at will, regardless of the long-term consequences.

India receives an average rainfall equivalent of about 4,000 billion cubic metres (BCM). Most of the rain is confined to the monsoon season and levels of precipitation vary from 100 mm a year in western Rajasthan to over 9,000 mm a year in the north-eastern state of Meghalaya. Rajasthan with 8 percent of the country's population has only 1 percent of the country's water resources.

Estimates for India's total water requirements by the year 2050 are 1,422 BCM, which will be much in excess of the total utilizable average of 1,086 BCM. It will be a major challenge to increase the availability of water for use from the 1990 level of approximately 520 BCM to the desired level of 1,422 BCM by the year 2050.

The situation calls for a vastly increased level of eco-awareness, effective water resource development strategies and coherent programmes for the management of water resources.

## THE GREEN CORPS

Water conservation and recharge of overexploited groundwater aquifers must be one of the key elements in the country's response to the situation. As part of the wider national effort, RGF started its 'Green Corps' in November 2001 to educate and energise rural communities in Rajasthan to undertake water harvesting with RGF support. As members of the Green Corps, rural youths are capacitated in various water conservation and management issues, community

### PROGRAMME VISION

Water scarcity is increasing throughout India. Growing competition for this precious resource has pushed large swathes of rural communities towards impoverishment and could threaten equitable and sustainable development, ecological balance and political stability. Water security is the key to food security. Rural communities need to be empowered to generate water resources in eco-friendly ways.

organization and the technical aspects of water harvesting measures.

The objectives of the Green Corps are to:

- Assert the people's right to water.
- Spread awareness in rural areas of the benefits of water harvesting.
- Mobilize community support and community participation.
- Strengthen existing networks of water harvesters.
- Work towards poverty alleviation and better health through environmental regeneration.
- Improve gender equity through participation of women as stakeholders.
- Promote volunteerism in the development sector, initially focused on water.

Starting from Rajasthan in November 2001, the project was extended to

Meeting of Green Corps volunteers of Pali Division



Karnataka in 2003. During the last five years we were able to capacitate 71 volunteers to spread the message of water harvesting in 107 villages of Rajasthan and Karnataka.

So far RGF has been instrumental in the construction of 182 water harvesting

structures in 104 villages with the active participation and support of the community, secured through awareness camps, training programmes and exposure visits to successful models. The community was engaged throughout the planning, implementation and monitoring of the programme and made a minimum

contribution of 33 per cent towards the cost of each structure.

The interventions in Rajasthan have been in three geographical divisions namely Pali, Karoli and Dausa. The major achievements during the reporting period are set out below.

**Table 1 Water harvesting works during the year 2005-2006 in Pali Division**

Village	Status	Benefits				
		No of wells	Land (in Bigha)	No. of Families	Population	No. of cattle
Bagol	Completed	13	300	60	350	2500
Bansor	Completed	12	250	40	235	340
Nai Sansari	Completed	8	150	30	200	260
Chokadiya	Completed	12	400	70	425	635
Guda Prem Singh	Completed	7	280	28	205	550
Kheda Ki Medi	Completed	6	180	21	103	980
Guda Padam Singh	In Progress	15	290	125	645	1170
Ashapura	In Progress	7	180	28	160	1440
Ladawa	In Progress	10	215	48	288	1680
Dever Ka Odha	In Progress	9	190	35	245	415

**Table 2 Details of structures constructed during the year 2005-2006 in Karoli Division**

Village	Status	Benefits				
		No of wells	Land (in Bigha)	No of Families	Population	No. of cattle
Teen Pokhar	Completed	-	30	7	40	700
Shyampura (Pator)	Completed	2	15	13	70	215
Chainapura	Completed	4	3	4	90	240
Chainapura	Completed	4	40	5	90	590
Choubeki	Completed	5	35	9	600	1400
Choubeki	Completed	1	3	4	600	1400
Choubeki	Completed	1	3	4	600	1400
Daulatpura	Completed	2	100	5	200	650
Rahir	Completed	1	300	20	750	1140
Amreki	Completed	5	500	14	600	1700
Doyaleypura	Completed	-	17	15	75	664
Ghasingpura	Completed	1	3	5	50	70
Albatki	In Progress	-	15	3	15	190
Amreki	In Progress	1	60	14	80	428

### Pali Division

In the last five years, RGF has supported the construction of 29 water-harvesting structures in 24 villages at a total cost of Rs.65,50,340 including community contribution.

In 2005-06 seven new water-harvesting structures were built in 6 villages. Work is in progress on 4 others. Table 1.

The project team at Pali comprises one resource person-cum-regional coordinator, one senior volunteer and five volunteers.

### Karoli Division

Karoli lies close to the borders of both Uttar Pradesh and Madhya Pradesh. It has ravines in the countryside and is off the beaten track. The terrain is undulating and hilly. With decrease in vegetative cover, there is a high incidence of surface runoff and little rainwater is conserved. As a result, the area faces severe water scarcity during the dry months, especially in summer. The main economic activity of the people is livestock rearing besides subsistence agriculture. The livestock kept by the villagers include cows, buffaloes, sheep and camels. The main crops are paddy, mustard, wheat, *jawar* and *bajra*.

RGF began its intervention in 2002 in Sapotara and Mandaral, two of the most backward blocks of Karoli district. So far 32 water-harvesting structures have been constructed in 22 villages at a total cost of Rs. 44,41,634 including community contribution.

Community participation has been very high in the area all through. Many benefits

Good rainfall has filled  
the reservoirs of anicuts  
constructed  
in earlier years



Asan Jod Anicut  
Guda Soor Singh, Distt. Pali  
Cost: Rs. 5,04,016



Golanki Anicut  
Village: Golanki, Distt. Pali  
Cost: Rs. 2,16,000









Man Sagar  
Village: Mataji ka Guda, Pali  
Cost: Rs. 3,90,000







have accrued such as enhanced water availability for humans, livestock and agriculture, 25000 person days of wage employment and increased awareness among the people about effective and efficient management of natural resources. Rules for forest protection have been evolved and enforced in most of the villages where RGF has worked so far. The communities have also initiated meetings and dialogues with the forest department for actively participating in protection and conservation.

In 2005-06, 12 new structures were constructed in 10 villages. Work is in progress at 2 others. (Table 2).

The project team at Karoli comprises a regional coordinator, one resource person, one senior volunteer and 5 volunteers.

With the availability of water for a longer period in our project villages, there is some evidence that the migration of people may have reduced, particularly those who were dependent upon livestock rearing. In response to requests from the community, RGF has initiated activities for fodder and pastureland development on a pilot basis.

RGF intends to work also on agriculture development, management of water resources and strengthening of local institutions. The area once characterised by good forests and greenery has witnessed wide scale degradation due to rampant logging by villagers. We will continue to sensitise the community towards conservation and regeneration of natural resources.

## CAPACITY BUILDING

Capacity building of the 'Green Corps' volunteers and members of the community has been an ongoing activity in Rajasthan.

During the year, apart from the regular awareness camps and village meetings, we organised four training-cum-exposure



visits for both field staff and some interested community members to three prestigious NGOs in India, namely WoTR (Watershed Organisation Trust), Ahmednagar, BAIF (BAIF Development Research Foundation), Pune & Udaipur and FES (Foundation for Ecological Security), Bhilwara.

The topics of these training programmes varied from institutional development to livestock development, environmental issues and women's participation in natural resource management.

Two training manuals on watershed development were developed for grass-root level organizations and for the workers of NGOs/CBOs. The manuals address both technical and institutional aspects and will be useful to community leaders and field workers.

## STRENGTHENING LOCAL GOVERNANCE OF NATURAL RESOURCES, JAMWA RAMGARH, JAIPUR

### RGF-GTZ Project

With the completion of the Danida assisted water harvesting project in Jamwa Ramgarh block of Jaipur district, Rajasthan in 2005, it was time to look back, learn from its failures and successes, analyse its strengths and weaknesses and

decide upon the future course of action in the area. In our previous interventions, our main thrust was on water harvesting works, carefully planned as the entry point activity with the community by addressing their most important short-term needs. We supported the construction of 100 water harvesting structures, 1500 running meters of farm bunds and loose stone check dams.

RGF signed an MoU with GTZ (German Technical Cooperation) in February 2006 to continue its work in the Jamwa Ramgarh block of Jaipur but from a different perspective and with new areas of emphasis. The project is to be implemented in three Gram Panchayats of the block covering 28 villages/hamlets and an estimated 2700 households. It builds on our previous interventions and rests on the premise that rural development based on sustainable natural resource management is possible only through better local resource governance. The panchayats have a crucial role to play in this regard but are not able to deliver on their mandated responsibilities. The project will try and help them to do so as well as assist the communities to mobilise public and private funds and services to manage their natural resources in a sustainable way.

The short term needs of livelihood security will also be addressed through working on improved livelihood models based on sustainable use of natural resources.

A range of activities will be undertaken, which will include:

- Capacity building of the Village communities and their Jal Samitis as well as of Gram Panchayat members and self help groups.
- Establishment of a forum for PRIs, Jal Samiti and State government departments at the block level
- Development of improved livelihood models through fodder and livestock



## Water harvesting works 2005-06



*Both pictures:*  
Novada Bera Talab (Earthen work)  
Village: Novada Dhani (Jhanbuda)  
Distt. Pali  
Cost: Rs. 1,02,000







Both pictures;  
Oonchal Naka Anicut  
Village: Bansore , Distt. Pali  
Cost: Rs. 2,95,000











Kundan Wali Pokhar  
Village: Amreki  
Distt. Karoli  
Cost: Rs. 1,94,132



Paddy fields downstream













Happy villagers and children





PEOPLE'S INSTITUTIONS				
Details	In Watershed		Surrounding Villages	
	During the year	Cumulative	During the year	Cumulative
No. of CLAs	-	2	-	5
No. of SHGs	-	22	-	51
Total Savings	Rs. 1,10,230	Rs.5,19,550	Rs. 2,19,166	3,15,166
Total Common Fund (incl. savings)	Rs. 1,90,945	Rs.9,24,376	Rs.2,86,864	Rs. 3,95,753
Total Loan Amount issued	Rs. 4,51,999	Rs.29,79,199	Rs.10,33,085	Rs. 10,68,335
Total amount mobilized	Rs. 2,52,180	Rs.4,187,180	Rs. 4,81,000	Rs. 4,81,000

WATERSHED TREATMENT, BIDAR			
Name of the activity	Unit	Total Units realized during the year 2005-06	Cumulative Units realized
Boulder Bund	Rmt	12813.5	14336
Earthen Bund	Cmt.	19928.32	33626.62
Waste Weir	No	352	553
Diversion Channel	Cmt.	15928.11	22649.64
Gully Plugs	Cmt.	942.33	2083
Farm Ponds	No	15	18
Nala Training	Rmt	811.5	1258.5
Farm Forestry (no. of plants)	Acre	-	450
Bund Plantation	No	10350.00	17350
Fodder Development	Acre	-	250 (kgs of seeds scattered)
Horticulture	Plants	2069.75	2075
Land Reclamation	Acre	25.75	62.65
Natural Forest Regeneration (a) Cattle Prevention Trench (b) Trench	Cmt Cmt	1173.73 440.96	1173.73 440.96
Check Dam (New)	No	3	4
Gabion Structures	No	12	15
Nala Desilting	Rmt	10408.9	10433.2
Nala Bank Pitching	Rmt	189	256
Under Ground Dam	No	1	1
Vented Check Dam	No	2	2
Vermi Compost	No	24	37
Compost	No	9	46
Green Manuring	Acre	-	10
Varietal Trials	Acre	-	9
Kitchen Garden	No	-	10 Reclamation
Ravine	No	-	1 Structure
Catch Pit	No	20	20

development, innovative agriculture practices and soil and water conservation

- Skill enhancement for alternative income generation activities through savings and credit groups
- Monitoring and evaluation

The 3-year project is being implemented by a team of 15 personnel led by a project coordinator, 10 Green Corps volunteers and 2 fresh rural management graduates. A project office has been set up at Dausa for managing, implementing and monitoring the project. An intensive process of interaction with the community through focused group discussions was initiated to identify their own needs and expectations and plan project activities accordingly.

### WATERSHED PROJECT - BIDAR, KARNATAKA

RGF has supported a project being implemented at Munganal watershed in Aurad taluk of Bidar district, Karnataka in partnership with OUTREACH, a local renowned NGO. The project objective is to undertake integrated and holistic development work centred on watershed development. This was the third year of the project.

#### People's Institutions

The development of people's institutions like SHGs, Cluster Level Association (CLA), Village Working Committees (VWC) and the Watershed Development Committees (WDC) progressed well. Currently 22 SHG and 2 CLA are functional in the area.

The 'WMF' (Watershed Maintenance Fund) – meant to take up post-project maintenance of conservation structures/ assets - is developing well, and totals now Rs. 1,11,000. Cash contributions to this fund are additional to cash/labor contributions towards treatment work.



## CAPACITY BUILDING OF CBO AND VOLUNTEERS

Empowering various stakeholders of the project and community through capacity building programmes continued through the year. Fourteen training and exposure visits were organized covering issues like community organization, SHG management for volunteers and community members during the year.

## CONSERVATION AND RESTORATION OF NATURAL RESOURCES – WATERSHED TREATMENT

Various treatments in the farmlands and common lands were taken up under watershed treatment, as per table.

Although the project was scheduled to end by March 2006, it was extended by six months to help it achieve its objectives by the end of September 2006.

CAPACITY BUILDING OF CBO AND VOLUNTEERS		
Training Topics	No. of Trainings	No. of Participants
<b>For Volunteers</b>		
Training techniques & methods	1	8
Trainers training on CLA concept	1	8
Organic manure production and Farming	1	8
<b>For CBOs &amp; Farmers SHGs</b>		
SHG Concept	1	34
Enterprise Awareness	1	38 1
Exposure Visit to other SHGs	1 (6 batches, 6 days)	103
<b>CLAs</b>		
CLA Concept	1	17
Representative Selection	1	56
<b>VWCs</b>		
VWC Functioning, Watershed Concept and Activity Planning and Implementation	1	38
<b>Farmers</b>		
Exposure to I-G Watershed Project in Maharashtra	2 (2 batches of 1 day each)	63
Organic Farming, Soil & Moisture conservation	2 (2 batches of 1 day each)	131
Horticulture & Forestry	1 (of 2 days each)	31





COMPLETED WATER HARVESTING WORKS IN RAJASTHAN						
S.No.	District	Village	Water Structure	Status	Year of completion	Total Cost (Rs.)
<b>Bikaner Division</b>						
1	Bikaner	Beethnokh	Tanka	Completed	2002-03	23420
2	Bikaner	Desalser	Pond	Completed	2002-03	180981
3	Bikaner	Deshnoke	Pond	Completed	2002-03	98525
4	Bikaner	Gadvala	Pond	Completed	2002-03	291407
5	Bikaner	Himtaser	Pond	Completed	2002-03	130452
6	Bikaner	Jangloo	Pond	Completed	2002-03	196887
7	Bikaner	Lakhuser	Pond	Completed	2002-03	305563
8	Bikaner	Rekhranasar	Pond	Completed	2002-03	533030
9	Bikaner	Surjeda	Tanka	Completed	2002-03	18734
<b>Dausa Division</b>						
10	Dausa	Dilawarpura/ Dalpatpura	Anicut	Completed	2002-03	153935
11	Alwar	Samra	Anicut	Completed	2002-03	498000
12	Alwar	Baghor	Anicut	Completed	2004-05	209945
13	Dausa	Dilawarpura/ Dalpatpura	Johad	Completed	2004-05	134820
14	Alwar	Khardata	Pond	Completed	2004-05	33935
15	Jaipur	Kuda	Johad	Completed	2004-05	166958
16	Alwar	Lothawas	Johad	Completed	2004-05	308241
17	Alwar	Macha	Anicut	Completed	2004-05	121678
18	Alwar	Panchbadhi	Johad	Completed	2004-05	60741
19	Jaipur	Phutala	Johad	Completed	2004-05	205419
20	Jaipur	Samred	Johad	Completed	2004-05	48259
21	Alwar	Toda	Johad	Completed	2004-05	55994
22	Alwar	Piplai	Anicut		2005-06	Halted
<b>Pali Division</b>						
23	Pali	Aneva	Anicut	Completed	2002-03	122536
24	Barmer	Ballu	Johad	Completed	2002-03	79200
25	Jalore	Bhadrajun	Anicut	Completed	2002-03	123000
26	Pali	Chokadia	Anicut	Completed	2002-03	630000
27	Pali	Dhanla	Anicut	Completed	2002-03	172375
28	Pali	Golanki	Anicut	Completed	2002-03	216000
29	Pali	Guda Preamsingh	Anicut	Completed	2002-03	47517
30	Pali	Jodkeyaa	Anicut	Completed	2002-03	361500
31	Pali	Jojawer	Anicut	Completed	2002-03	87207
32	Pali	Mataji Ka Guda	Anicut	Completed	2002-03	390000
33	Barmer	Raakhi	Anicut	Completed	2002-03	221940
34	Pali	Thakurji Ka Guda	Anicut	Completed	2002-03	282275



S.No.	District	Village	Water Structure	Status	Year of completion	Total Cost (Rs.)
35	Pali	Bharri	Earthen Dam	Completed	2003-04	756718
36	Pali	Guda Soor Singh	Anicut	Completed	2003-04	504016
37	Pali	Kundal	Pond	Completed	2003-04	101663
38	Pali	Siriyari	Anicut	Completed	2003-04	198135
39	Pali	Sumer	Pond	Completed	2003-04	404526
40	Pali	Bogala	Pond	Completed	2004-05	120665
41	Pali	Guda Prem Singh	Anicut	Completed	2004-05	138050
42	Pali	Nai Sansari	Earthen Dam	Completed	2004-05	117218
43	Pali	Nava Kuda	Pond	Completed	2004-05	213916
44	Pali	Sinchana	Anicut	Completed	2004-05	91796
45	Pali	Bagol	Anicut	Completed	2005-06	260419
46	Pali	Bagol	Pond	Completed	2005-06	186716
47	Pali	Bansor	Anicut	Completed	2005-06	146403
48	Pali	Chokadia	Pond	Completed	2005-06	188992
49	Pali	Guda Prem Singh	Anicut	Completed	2005-06	152993
50	Pali	Kheda Ki Maidi	Pond	Completed	2005-06	135957
51	Pali	Nai Sansari	Anicut	Completed	2005-06	98607
<b>Sawai Madhopur Division</b>						
52	Dausa	Bairvao Ka baas	Pond	Completed	2002-03	188015
53	Karoli	Dolatiya	Pond	Completed	2002-03	79414
54	Karoli	Gidani	Pond	Completed	2002-03	94125
55	Sawai Madh.	Gurjar Baroda	Anicut	Completed	2002-03	63400
56	Sawai Madh.	Kadai Gawadi	Anicut	Completed	2002-03	41875
57	Dausa	Kishore Pura	Pond	Completed	2002-03	163627
58	Sawai Madh.	Ranoli	Anicut	Completed	2002-03	47139
59	Karoli	Amreki	Anicut	Completed	2003-04	212436
60	Karoli	Amreki (Semri)	Johad	Completed	2003-04	126802
61	Karoli	Chainpura*	Johad	Completed	2003-04	222704
62	Karoli	Doyaley Pura	Pond	Completed	2003-04	132055
63	Karoli	Ghasinghpura	Pond	Completed	2003-04	161805
64	Karoli	Ghasinghpura	Anicut	Completed	2003-04	253183
65	Karoli	Raibelli	Johad	Completed	2003-04	123654
66	Karoli	Rampura	Johad	Completed	2003-04	172514
67	Karoli	Rampura	Johad	Completed	2003-04	232465
68	Karoli	Shyampur	Pond	Completed	2003-04	77157
69	Karoli	Shyampura Pator	Johad	Completed	2003-04	102792
70	Karoli	Gurja	Pond	Completed	2004-05	109656
71	Karoli	Shyampura Pator	Pond	Completed	2004-05	156791
72	Karoli	Teen Pokhar	Pond	Completed	2005-06	139621
73	Karoli	Chainapura - II	Earthen Dam	Completed	2005-06	90326
74	Karoli	Amreki	Pond	Completed	2005-06	194132

S.No.	District	Village	Water Structure	Status	Year of completion	Total Cost (Rs.)
75	Karoli	Bada Shyampur	Pond	Completed	2005-06	69508
76	Karoli	Chainapura - I	Earthen Dam	Completed	2005-06	260039
77	Karoli	Choubeki - I	Earthen Dam	Completed	2005-06	174352
78	Karoli	Choubeki - II	Pond	Completed	2005-06	135466
79	Karoli	Choubeki - III	Pond	Completed	2005-06	149968
80	Karoli	Daulatpura	Earthen dam	Completed	2005-06	133167
81	Karoli	Doyalepura	Pond	Completed	2005-06	68420
82	Karoli	Rahir	Earthen dam	Completed	2005-06	240766
83	Karoli	Ghasingpura	Anicut	Completed	2005-06	24260
<b>Jamwa Ramgarh, Jaipur</b>						
84	Jaipur	Barana Dhani	Pond	Completed	2002-03	45074
85	Jaipur	Barana Dhani	Pond	Completed	2002-03	126786
86	Jaipur	Bassi	Pond	Completed	2002-03	65784
87	Jaipur	Behlod	Pond	Completed	2002-03	28269
88	Jaipur	Dagota	Pond	Completed	2002-03	107959
89	Jaipur	Gathajari	Pond	Completed	2002-03	102636
90	Jaipur	Gathajari	Earthen Dam	Completed	2002-03	180178
91	Jaipur	Kusalpura	Pond	Completed	2002-03	53085
92	Jaipur	Lunetha	Pond	Completed	2002-03	108650
93	Jaipur	Neemla	Pond	Completed	2002-03	87996
94	Jaipur	Neemla	Pond	Completed	2002-03	172878
95	Jaipur	Ramyala	Pond	Completed	2002-03	78787
96	Jaipur	Srinagar	Pond	Completed	2002-03	118922
97	Jaipur	Sriram Gopalpura	Pond	Completed	2002-03	42496
98	Jaipur	Tirlokpura	Pond	Completed	2002-03	88745
99	Jaipur	Barana Dhani	Pond	Completed	2003-04	53224
100	Jaipur	Barana Dhani	Pond	Completed	2003-04	59219
101	Jaipur	Barana Dhani	Anicut	Completed	2003-04	155980
102	Jaipur	Bhopala	Pond	Completed	2003-04	83846
103	Jaipur	Bhopala	Pond	Completed	2003-04	109320
104	Jaipur	Bhopala	Pond	Completed	2003-04	122697
105	Jaipur	Darolai	Pond	Completed	2003-04	8537
106	Jaipur	Darolai	Pond	Completed	2003-04	28846
107	Jaipur	Darolai	Pond	Completed	2003-04	30150
108	Jaipur	Darolai	Anicut	Completed	2003-04	70485
109	Jaipur	Darolai	Anicut	Completed	2003-04	109620
110	Jaipur	Darolai	Anicut	Completed	2003-04	148531
111	Jaipur	Gathajari	Pond	Completed	2003-04	161014
112	Jaipur	Gathajari	Anicut	Completed	2003-04	182861
113	Jaipur	Jhojharwala	Earthen Dam	Completed	2003-04	145817
114	Jaipur	Raksya Jagatsar	Pond	Completed	2003-04	127415



S.No.	District	Village	Water Structure	Status	Year of completion	Total Cost (Rs.)
115	Jaipur	Singhpuri	Pond	Completed	2003-04	49089
116	Jaipur	Srinagar	Pond	Completed	2003-04	95977
117	Jaipur	Srinagar	Pond	Completed	2003-04	132659
118	Jaipur	Sriram Gopalpura	Pond	Completed	2003-04	48954
119	Jaipur	Thali	Anicut	Completed	2003-04	225974
120	Jaipur	Tirlokpura	Pond	Completed	2003-04	40255
121	Jaipur	Barana Dhani	Pond	Completed	2004-05	177159
122	Jaipur	Bassi	Earthen Dam	Completed	2004-05	131018
123	Jaipur	Bassi	Pond	Completed	2004-05	156258
124	Jaipur	Bassi	Earthen Dam	Completed	2004-05	178597
125	Jaipur	Bassi	Anicut	Completed	2004-05	1104813
126	Jaipur	Behlod	Earthen Dam	Completed	2004-05	35043
127	Jaipur	Behlod	Earthen Dam	Completed	2004-05	38941
128	Jaipur	Behlod	Earthen Dam	Completed	2004-05	54962
129	Jaipur	Behlod	Pond	Completed	2004-05	84804
130	Jaipur	Behlod	Earthen Dam	Completed	2004-05	178646
131	Jaipur	Bhopala	Earthen Dam	Completed	2004-05	10368
132	Jaipur	Bhopala	Earthen Dam	Completed	2004-05	13876
133	Jaipur	Bhopala	Pond	Completed	2004-05	226038
134	Jaipur	Chainpura	Anicut	Completed	2004-05	273766
135	Jaipur	Dagota	Pond	Completed	2004-05	17168
136	Jaipur	Dagota	Pond	Completed	2004-05	92926
137	Jaipur	Dagota	Anicut	Completed	2004-05	893361
138	Jaipur	Darolai	Johad	Completed	2004-05	41671
139	Jaipur	Darolai	Anicut	Completed	2004-05	141155
140	Jaipur	Devineecha	Pond	Completed	2004-05	11911
141	Jaipur	Devineecha	Pond	Completed	2004-05	19883
142	Jaipur	Devineecha	Anicut	Completed	2004-05	104813
143	Jaipur	Devineecha	Anicut	Completed	2004-05	366791
144	Jaipur	Gathajari	Pond	Completed	2004-05	63485
145	Jaipur	Guwada	Johad	Completed	2004-05	46369
146	Jaipur	Jhojharwala	Earthen Dam	Completed	2004-05	22552
147	Jaipur	Khanya	Pond	Completed	2004-05	12652
148	Jaipur	Khanya	Pond	Completed	2004-05	18252
149	Jaipur	Khanya	Pond	Completed	2004-05	19353
150	Jaipur	Khanya	Pond	Completed	2004-05	27034
151	Jaipur	Khanya	Earthen Dam	Completed	2004-05	34083
152	Jaipur	Khanya	Earthen Dam	Completed	2004-05	90267
153	Jaipur	Khanya	Anicut	Completed	2004-05	104237
154	Jaipur	Khanya	Anicut	Completed	2004-05	128735
155	Jaipur	Khanya	Anicut	Completed	2004-05	470844

S.No.	District	Village	Water Structure	Status	Year of completion	Total Cost (Rs.)
156	Jaipur	Kilatpuri	Pond	Completed	2004-05	70531
157	Jaipur	Kusalpura	Pond	Completed	2004-05	19277
158	Jaipur	Kusalpura	Earthen Dam	Completed	2004-05	72217
159	Jaipur	Kusalpura	Pond	Completed	2004-05	133811
160	Jaipur	Kusalpura	Earthen Dam	Completed	2004-05	340201
161	Jaipur	Lunetha	Pond	Completed	2004-05	298112
162	Jaipur	Manhgor	Earthen Dam	Completed	2004-05	370228
163	Jaipur	Raisar	Johad	Completed	2004-05	30817
164	Jaipur	Raisar	Anicut	Completed	2004-05	922063
165	Jaipur	Ramyala	Pond	Completed	2004-05	102793
166	Jaipur	Ramyala	Pond	Completed	2004-05	118024
167	Jaipur	Ramyala	Pond	Completed	2004-05	136010
168	Jaipur	Ramyala	Pond	Completed	2004-05	158118
169	Jaipur	Ramyala	Pond	Completed	2004-05	240772
170	Jaipur	Ramyala	Pond	Completed	2004-05	262573
171	Jaipur	Singhpuri	Pond	Completed	2004-05	57936
172	Jaipur	Singhpuri	Pond	Completed	2004-05	80438
173	Jaipur	Srinagar	Earthen Dam	Completed	2004-05	7658
174	Jaipur	Srinagar	Earthen Dam	Completed	2004-05	16079
175	Jaipur	Sriram Gopalpura	Anicut	Completed	2004-05	11675
176	Jaipur	Thali	Pond	Completed	2004-05	41896
177	Jaipur	Thali	Pond	Completed	2004-05	67922
178	Jaipur	Thali	Pond	Completed	2004-05	109268
179	Jaipur	Thali	Pond	Completed	2004-05	114714
180	Jaipur	Thali	Earthen Dam	Completed	2004-05	424134
181	Jaipur	Tirlokpura	Pond	Completed	2004-05	67825
182	Jaipur	Tirlokpura	Pond	Completed	2004-05	74696
183	Jaipur	Tirlokpura	Pond	Completed	2004-05	341531

## SUMMARY

Division	No. of structures	Total cost
Bikaner	9	1778999
Dausa	12	1997925
Pali	29	6550340
Sawai Madhopur	32	4441634
Jamwa Ramgarh	100	13681865
<b>Total</b>	<b>182</b>	<b>28450763</b>

### Note

1. Total cost includes at least 33 per cent community contribution.
2. Funding support for the water harvesting structures was received from the Ford Foundation, DANIDA and Ireland Aid, supplemented by RGF.



## NATURAL RESOURCE MANAGEMENT

### Highlights 2001 — 2006

#### 2001-2002

- RGF's first step into direct project implementation
- "A Green Corps" of rural volunteers for water harvesting established with recruitment of 41 volunteers
- Capacity building of volunteers through residential as well as on the job training
- Community action mobilised for water harvesting
- Work initiated for construction of water harvesting structures in 33 villages in 9 districts of Rajasthan
- Village communities contribute at least one third of the cost

#### 2002-2003

- A more challenging programme of watershed development initiated in Jamwa Ramgarh block of Jaipur district
- Green Corps expanded to 59 volunteers
- 46 water harvesting structures completed
- Work in progress at 15 more sites
- About 93000 people and 239000 livestock benefited

#### 2003-2004

- 38 water harvesting structures completed in Rajasthan
- Work in progress at 47 more sites in Rajasthan
- Approximately 80,000 person days of wage employment generated in Rajasthan
- The 'Green Corps' project expanded to Bidar, one of the poorest district of Karnataka
- Strength of Green Corps increased to 67 (50 as on 31 March 2003)
- Capacity building of the volunteers as well as the village communities continues
- Micro plan prepared for 2000 hectare watershed development in Bidar; treatment work initiated
- 11 Self Help Groups formed in Jamwa Ramgarh, Jaipur district and 15 in Bidar

#### 2004-2005

- 79 water harvesting structures completed in Rajasthan
- Work in progress at 19 more sites in Rajasthan
- Capacity building of volunteers through regular monthly meetings, residential and on the job trainings
- Village water fund (jal kosh) created in 11 villages, having a total amount of Rs. 22,260
- Ten Self Help groups formed in Rajasthan
- Rs. 1,40,000 worth of bank loans mobilised by Self Help Groups in Karnataka
- Total common fund (including savings) of Rs. 2,01,432 created by Self Help Groups in Karnataka
- Two cluster level associations of Self Help Groups formed in Karnataka
- Successful trial of red seed grams variety ICPL – 85063 conducted in Karnataka

#### 2005-2006

- 19 water harvesting structures completed in Rajasthan, making a total of 182
- Two training manuals on watershed development developed for grass-root level organizations and for workers of NGOs/CBOs
- 18 Training and exposure visits organized for field workers and community members
- Five new Cluster level Associations (CLA) of SHGs formed, linked up with banks
- Watershed Maintenance Fund (WMF) built with cash contribution from farmer's stands at Rs. 1.11 lakhs
- Cumulative total common fund (including savings) of Rs. 13,20,129 was mobilized by SHG members and inter loaning of Rs. 40,47,534 was carried out by the groups

## RGF's NATURAL RESOURCE MANAGEMENT PROGRAMMES

