

Project Report on Providing safe Drinking water to the Tribal People of BELATHUR HADI through BIO-SAND WATER FILTER with the support of P.P.I, USA

- **Village Name: Belthur Hadi**
- **Geographical Location: Rajiv Gandhi National Park, Karnataka**
- **Direct Beneficiaries: 893**
- **Number of Houses: 159**
- **Main Occupation of the villagers: Fishing, hunting wild rabbits and other small animals, collecting gooseberry, honey, wood flower, working for the forest department, Goat Rearing.**
- **Number of Filters Distributed: 159**
- **Source of water: River water**

Manufacturing Process of BSF units:

5 BSF units will be manufactured per day in our workshop and total 130 filters in a month. Proportionately mixed concrete is filled in to the very well oiled mould (we use only cooking oil to apply for mould) ; we leave it for 24 hours to separate and dismantle the mould. Later the curing process takes place where the filters are filled with water and cured for 15 days.

Finely cured filters will be selected checked by blowing the air through water tube to see whether they are functioning well, if in case we have blockage in the filters, they are attended immediately by our staffs and made clear they are free from blockages.

Later the painting process will start, Before painting the filters we scrub the surface of the filter with the proper sand paper to remove all the uneven particles, and a coat of putty is applied to it and kept aside to dry for 15 to 20 minutes and again it is scrubbed for a smooth finishing. After these process 2 coats of oil based paint will be applied and kept to dry for a day.

The filter media are washed and packed accordingly in the separate bags.

Awareness creation and Meetings:

The Village which is selected where the BSF project to be implements from the Help of **PPI, USA** is informed the dates of our visit. During our visit to the village, our staffs go to each and every house and gather the basic information of their family like number of people in the family, income of the family; common health problems etc and they are informed to assemble in one place of the village where the Awareness camp will be held.

When all the People gather in mentioned place, our staff will be giving all the necessary information about the Bio-sand water filters usage and its advantages from regular consumption.

They will be explained how the filters can improve their health conditions and get rid of their present health problems that are caused by the consumption of contaminated water.

Also tips to maintain the filter will also be demonstrated to the beneficiaries.

Transportation of filters to the village

Well painted filters are picked and loaded to the Filter carrying trucks and tied the rope with the proper packing so that filter don't hit each other and get damaged during the transportation. This process will be completed a day before we leave to the village because loading, packing and tying the filters will almost need 4 hours.

In a separate truck the diffuser box and plates, water cans and required quantity of filter Medias will be loaded.

The trucks will usually leave the workshop in the early morning because the journey of 90 Kilometers will take approximately 5 hours to reach due to the bad conditions of the road.

The trucks will be accompanied by our staff team.

The Process of Distribution and Installation of 159 Filters

Filters are being distributed to the beneficiaries to their door step and kept in the right place. Selecting the right place in their hut is very much important. Once the filter is installed it is very difficult to move it from one place to another and also we recommend the beneficiaries not to move it as there is a risk of damaging the filters and also disturbance of filter media.

20 liter water Jug will also be provided along the filter to store the filtered water. After all this process the beneficiary's signature/ thumb impression and details are collected in the application form and documented.

As we had heavy rainfall since the month of June, it was not possible for us as an easy accessibility this tribal village. As there are no good roads, we couldn't take our trucks into the village and this have made a delay in the installation process. The rain have stooped since four days very soon we will complete the installation of all 159 filters and update the same to the PPI.

Follow-up Visits

As our Tribal people are not at all educated, they need regular follow-ups and awareness camps regarding the safe drinking water, health and sanitation. Our staffs visit the beneficiaries once in a month and check the filters thoroughly. They will also measure the out flow of the water to ensure that the filter mechanism is working perfectly.

Beneficiaries conveyed their greetings to PPI,USA

The inhabitants of this Belathur Hadi have conveyed there greeting to PPI, USA for receiving the Bio-Sand water filter where they can filter and drink the water they were consuming earlier. People are very much happy to receive the filters, Each and every beneficiary have conveyed their greetings to the donors.

The inhabitants have received the water jug along with the filters to store the filtered water in it, usually the utensils used by our tribal people are very old and hence water jugs are extra boon to them.

All this good cause was made possible with the help of PPI and the sponsors, we (staff of Pragathi) thank you all on behalf of our poor tribal people for your enormous support being offered to them.

Belathur Hadi Beneficiaries Details

SL. NO	Name of the Beneficiary	No. of members in the family	Village Name
1	Siddaiah	5	Belathur Hadi, Rajiv Gandhi National Park
2	Kariyappa	4	Belathur Hadi, Rajiv Gandhi National Park
3	Muniyamma	7	Belathur Hadi, Rajiv Gandhi National Park
4	Chandrappa	5	Belathur Hadi, Rajiv Gandhi National Park
5	Shekar	5	Belathur Hadi, Rajiv Gandhi National Park
6	Vasantha	8	Belathur Hadi, Rajiv Gandhi National Park
7	Renuka	4	Belathur Hadi, Rajiv Gandhi National Park
8	Raju	6	Belathur Hadi, Rajiv Gandhi National Park
9	Ganesha	5	Belathur Hadi, Rajiv Gandhi National Park
10	Somanna	8	Belathur Hadi, Rajiv Gandhi National Park

11	Kumara	6	Belathur Hadi, Rajiv Gandhi National Park
12	Divya	4	Belathur Hadi, Rajiv Gandhi National Park
13	Pankaja	4	Belathur Hadi, Rajiv Gandhi National Park
14	Ravi	7	Belathur Hadi, Rajiv Gandhi National Park
15	Manju	6	Belathur Hadi, Rajiv Gandhi National Park
16	Girija	3	Belathur Hadi, Rajiv Gandhi National Park
17	Kemapavva	4	Belathur Hadi, Rajiv Gandhi National Park
18	Shankra	7	Belathur Hadi, Rajiv Gandhi National Park
19	Kallesha	2	Belathur Hadi, Rajiv Gandhi National Park
20	Ramappa	8	Belathur Hadi, Rajiv Gandhi National Park
21	Kanaka	5	Belathur Hadi, Rajiv Gandhi National Park
22	Mallavva	5	Belathur Hadi, Rajiv Gandhi National Park
23	Shanthaiah	4	Belathur Hadi, Rajiv Gandhi National Park
24	Rudresha	6	Belathur Hadi, Rajiv Gandhi National Park
25	Jagga	2	Belathur Hadi, Rajiv Gandhi National Park
26	Mahalakshmi	3	Belathur Hadi, Rajiv Gandhi National Park
27	Vanitha	4	Belathur Hadi, Rajiv Gandhi National Park
28	Kalappa	7	Belathur Hadi, Rajiv Gandhi National Park
29	Subbhu	4	Belathur Hadi, Rajiv Gandhi National Park
30	Mamatha	8	Belathur Hadi, Rajiv Gandhi National Park
31	Varalakshmi	10	Belathur Hadi, Rajiv Gandhi National Park
32	Narayana	7	Belathur Hadi, Rajiv Gandhi National Park
33	Raghu	6	Belathur Hadi, Rajiv Gandhi National Park
34	Kenchappa	7	Belathur Hadi, Rajiv Gandhi National Park
35	Sujatha	5	Belathur Hadi, Rajiv Gandhi National Park
36	Bhavya	6	Belathur Hadi, Rajiv Gandhi National Park
37	Rudravva	4	Belathur Hadi, Rajiv Gandhi National Park
38	Nandisha	7	Belathur Hadi, Rajiv Gandhi National Park
39	Prabhu	3	Belathur Hadi, Rajiv Gandhi National Park
40	Guru	4	Belathur Hadi, Rajiv Gandhi National Park
41	Deepa	5	Belathur Hadi, Rajiv Gandhi National Park
42	Latha	7	Belathur Hadi, Rajiv Gandhi National Park

43	Chennappa	6	Belathur Hadi, Rajiv Gandhi National Park
44	Pallavi	7	Belathur Hadi, Rajiv Gandhi National Park
45	Revappa	8	Belathur Hadi, Rajiv Gandhi National Park
46	Mallesha	5	Belathur Hadi, Rajiv Gandhi National Park
47	Sunitha	4	Belathur Hadi, Rajiv Gandhi National Park
48	Sakavva	7	Belathur Hadi, Rajiv Gandhi National Park
49	Thimmappa	3	Belathur Hadi, Rajiv Gandhi National Park
50	Gangavva	5	Belathur Hadi, Rajiv Gandhi National Park
51	Rekha	4	Belathur Hadi, Rajiv Gandhi National Park
52	Muddesha	6	Belathur Hadi, Rajiv Gandhi National Park
53	Jaya	6	Belathur Hadi, Rajiv Gandhi National Park
54	Mani	8	Belathur Hadi, Rajiv Gandhi National Park
55	Ninganna	4	Belathur Hadi, Rajiv Gandhi National Park
56	Roopa	3	Belathur Hadi, Rajiv Gandhi National Park
57	Kamala	2	Belathur Hadi, Rajiv Gandhi National Park
58	Uma	7	Belathur Hadi, Rajiv Gandhi National Park
59	Ramaiah	6	Belathur Hadi, Rajiv Gandhi National Park
60	Padma	5	Belathur Hadi, Rajiv Gandhi National Park
61	Babu	6	Belathur Hadi, Rajiv Gandhi National Park
62	Usha	8	Belathur Hadi, Rajiv Gandhi National Park
63	Govinda	3	Belathur Hadi, Rajiv Gandhi National Park
64	Mahesha	7	Belathur Hadi, Rajiv Gandhi National Park
65	Janakavva	4	Belathur Hadi, Rajiv Gandhi National Park
66	Ramesha	6	Belathur Hadi, Rajiv Gandhi National Park
67	Aruna	8	Belathur Hadi, Rajiv Gandhi National Park
68	Prasadu	5	Belathur Hadi, Rajiv Gandhi National Park
69	Pavithra	4	Belathur Hadi, Rajiv Gandhi National Park
70	Meenakshi	5	Belathur Hadi, Rajiv Gandhi National Park
71	Prakasha	3	Belathur Hadi, Rajiv Gandhi National Park
72	Jayanna	7	Belathur Hadi, Rajiv Gandhi National Park
73	Shruthi	5	Belathur Hadi, Rajiv Gandhi National Park
74	Rajeeva	6	Belathur Hadi, Rajiv Gandhi National Park

75	Surya	8	Belathur Hadi, Rajiv Gandhi National Park
76	Champavva	7	Belathur Hadi, Rajiv Gandhi National Park
77	Harisha	6	Belathur Hadi, Rajiv Gandhi National Park
78	Santhosha	5	Belathur Hadi, Rajiv Gandhi National Park
79	Navvena	6	Belathur Hadi, Rajiv Gandhi National Park
80	Kumara	4	Belathur Hadi, Rajiv Gandhi National Park
81	Ashwini	3	Belathur Hadi, Rajiv Gandhi National Park
82	Akshatha	5	Belathur Hadi, Rajiv Gandhi National Park
83	Muniyappa	8	Belathur Hadi, Rajiv Gandhi National Park
84	Kanthavva	6	Belathur Hadi, Rajiv Gandhi National Park
85	Loksha	6	Belathur Hadi, Rajiv Gandhi National Park
86	Suresha	8	Belathur Hadi, Rajiv Gandhi National Park
87	Booraiah	6	Belathur Hadi, Rajiv Gandhi National Park
88	Seethavva	4	Belathur Hadi, Rajiv Gandhi National Park
89	Shanthi	7	Belathur Hadi, Rajiv Gandhi National Park
90	Rudresha	8	Belathur Hadi, Rajiv Gandhi National Park
91	Yashodha	6	Belathur Hadi, Rajiv Gandhi National Park
92	Kanthamma	5	Belathur Hadi, Rajiv Gandhi National Park
93	Sushillama	8	Belathur Hadi, Rajiv Gandhi National Park
94	Ramu	6	Belathur Hadi, Rajiv Gandhi National Park
95	Ananda	5	Belathur Hadi, Rajiv Gandhi National Park
96	Balu	4	Belathur Hadi, Rajiv Gandhi National Park
97	Bellappa	8	Belathur Hadi, Rajiv Gandhi National Park
98	Sowmya	7	Belathur Hadi, Rajiv Gandhi National Park
99	Thara	4	Belathur Hadi, Rajiv Gandhi National Park
100	Rani	7	Belathur Hadi, Rajiv Gandhi National Park
101	Mala	6	Belathur Hadi, Rajiv Gandhi National Park
102	Vinodha	5	Belathur Hadi, Rajiv Gandhi National Park
103	Jamuna	8	Belathur Hadi, Rajiv Gandhi National Park
104	Siddesha	5	Belathur Hadi, Rajiv Gandhi National Park
105	Eshwarappa	6	Belathur Hadi, Rajiv Gandhi National Park
106	Lingesha	7	Belathur Hadi, Rajiv Gandhi National Park

107	Hema	4	Belathur Hadi, Rajiv Gandhi National Park
108	Sunil	3	Belathur Hadi, Rajiv Gandhi National Park
109	Parvathi	8	Belathur Hadi, Rajiv Gandhi National Park
110	Mangala	4	Belathur Hadi, Rajiv Gandhi National Park
111	Ashoka	6	Belathur Hadi, Rajiv Gandhi National Park
112	Venki	5	Belathur Hadi, Rajiv Gandhi National Park
113	Radhika	6	Belathur Hadi, Rajiv Gandhi National Park
114	Vijay	3	Belathur Hadi, Rajiv Gandhi National Park
115	Meena	7	Belathur Hadi, Rajiv Gandhi National Park
116	Revamma	4	Belathur Hadi, Rajiv Gandhi National Park
117	Doddaiah	5	Belathur Hadi, Rajiv Gandhi National Park
118	Kavya	7	Belathur Hadi, Rajiv Gandhi National Park
119	Shilpa	6	Belathur Hadi, Rajiv Gandhi National Park
120	Nanjunda	7	Belathur Hadi, Rajiv Gandhi National Park
121	Radhamma	5	Belathur Hadi, Rajiv Gandhi National Park
122	Lokappa	8	Belathur Hadi, Rajiv Gandhi National Park
123	Shivaswamy	3	Belathur Hadi, Rajiv Gandhi National Park
124	Swamy	6	Belathur Hadi, Rajiv Gandhi National Park
125	Ramya	7	Belathur Hadi, Rajiv Gandhi National Park
126	Murthi	7	Belathur Hadi, Rajiv Gandhi National Park
127	Sashi	5	Belathur Hadi, Rajiv Gandhi National Park
128	Venkaiah	4	Belathur Hadi, Rajiv Gandhi National Park
129	Rakhavva	7	Belathur Hadi, Rajiv Gandhi National Park
130	Jogappa	6	Belathur Hadi, Rajiv Gandhi National Park
131	Shivamma	7	Belathur Hadi, Rajiv Gandhi National Park
132	Kala	5	Belathur Hadi, Rajiv Gandhi National Park
133	Mahadevi	4	Belathur Hadi, Rajiv Gandhi National Park
134	Devamma	7	Belathur Hadi, Rajiv Gandhi National Park
135	Raghu	4	Belathur Hadi, Rajiv Gandhi National Park
136	Udaya	8	Belathur Hadi, Rajiv Gandhi National Park
137	Krishna	5	Belathur Hadi, Rajiv Gandhi National Park
138	Shridhar	4	Belathur Hadi, Rajiv Gandhi National Park

139	Basamma	3	Belathur Hadi, Rajiv Gandhi National Park
140	Kanthappa	8	Belathur Hadi, Rajiv Gandhi National Park
141	Somavva	7	Belathur Hadi, Rajiv Gandhi National Park
142	Veeramma	6	Belathur Hadi, Rajiv Gandhi National Park
143	Jayalalitha	8	Belathur Hadi, Rajiv Gandhi National Park
144	Cheluvaiah	5	Belathur Hadi, Rajiv Gandhi National Park
145	Shakthi	7	Belathur Hadi, Rajiv Gandhi National Park
146	Lokavva	4	Belathur Hadi, Rajiv Gandhi National Park
147	Bharathi	8	Belathur Hadi, Rajiv Gandhi National Park
148	Shubha	6	Belathur Hadi, Rajiv Gandhi National Park
149	Champavva	7	Belathur Hadi, Rajiv Gandhi National Park
150	Sheela	5	Belathur Hadi, Rajiv Gandhi National Park
151	Mankavva	4	Belathur Hadi, Rajiv Gandhi National Park
152	Nandappa	6	Belathur Hadi, Rajiv Gandhi National Park
153	Prabhakara	4	Belathur Hadi, Rajiv Gandhi National Park
154	Vishnu	7	Belathur Hadi, Rajiv Gandhi National Park
155	Parimala	5	Belathur Hadi, Rajiv Gandhi National Park
156	Sarvesha	4	Belathur Hadi, Rajiv Gandhi National Park
157	Chennappa	5	Belathur Hadi, Rajiv Gandhi National Park
158	Jyothi	7	Belathur Hadi, Rajiv Gandhi National Park
159	Prabha	6	Belathur Hadi, Rajiv Gandhi National Park

Thanking you

With Regards

B.Sharanappa