

5. 2 Rapol:

Findings

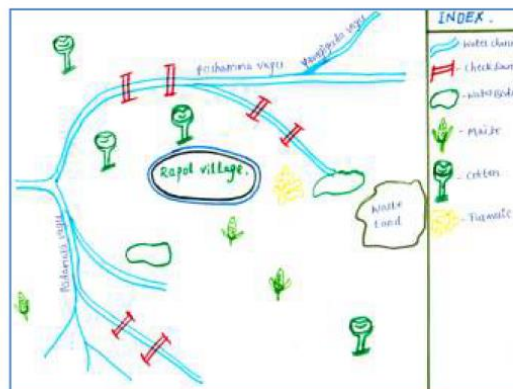
- Non availability of Potable water; Fluoride content
- Village convenience not proper, no street lights
- Sanitation is not properly maintained
- Non availability of agriculture labor during peak period of agriculture works
- Vegetable cultivation on small scale & lack of Market linkages

Recommendations

- Installation of Community based water purifier units to provide quality of drinking water
- Explore solar street light possibilities
- Drainage line should be prepared to drain waste water at proper point that can provide hygiene & Healthy environment to village community
- Need to run one CHC to provide mechanized farm implements that minimize dependence on labor and save time & money for farmers
- Motivation by Supplying of quality vegetable seeds on subsidy basis, development of market linkages through collective marketing.



Village: Rapol, Mandal: Pargi, Social Map



Village: Rapol, Mandal: Pargi, Resource Map

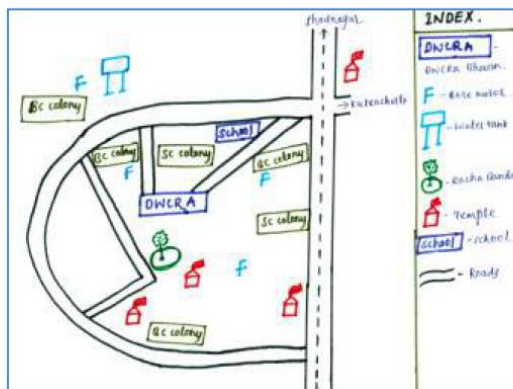
**5.3. Raghavpur**

**Findings**

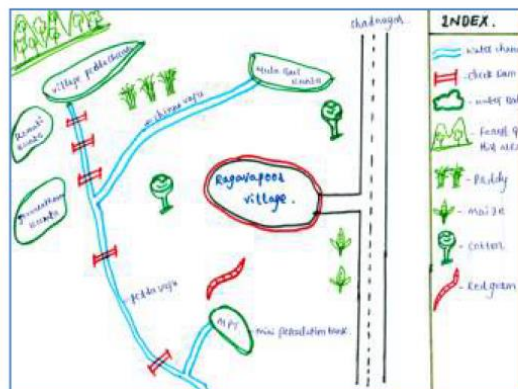
- PRA was earlier conducted by another NGO in the village. But so far no initiatives have been taken up
- Difficulty in timely access of agri. Inputs
- Potential for value addition and post-harvest treatment for Turmeric
- Undulating 100 acres land not suitable for crop cultivation. Possibility of developing watersheds in this area.
- Repairing of water storage structure

**Recommendations**

- Need to run one ABC to access agri. Inputs in time & to provide mechanized farm implements that minimize dependence on labor and will save time & money.
- Post-harvest processing unit will facilitate value addition of Turmeric crop, helping to enhance shelf life for storage and transportation to distant. This will fetch good market price
- Encourage for orchard plantation by adopting S&MC techniques
- Need to Repair the existing 3 check dam structures to avoid leakage and ensure water storage and recharge of ground water.



Village: Ragavapur, Mandal: Pargi, Social Map



Village: Ragavapur, Mandal: Pargi, Resource Map

**5.4 Khudawandpur**

**Findings**

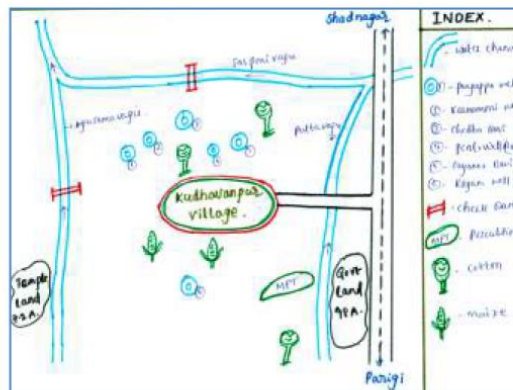
- Non availability of Potable water; Fluoride content
- Village convenience in bad condition. No street lights
- Sanitation is not properly maintained
- Non availability of agriculture labor during peak period of agriculture works
- Vegetable cultivation on small scale & lack of Market linkages
- Farmers are Facing Shortage of Fodder

**Recommendations**

- Installation of Community based water purifier units to provide quality drinking water
- Explore the possibility of installation of solar street lights
- Drainage line should be prepared to drain waste water at proper point that can provide hygiene & Healthy environment to village community
- Need to run one CHC to provide mechanized farm implements that minimize dependence on labor and save time & money for farmers
- Motivation by supplying quality vegetable seeds on subsidy basis, development of market linkages through collective marketing.
- Implementation of Fodder Development programme with good quality, palatable & multi cutting fodder varieties.



Village: Khudawandpur, Mandal: Pargi, Social Map



Village: Khudawandpur, Mandal: Pargi, Resource Map

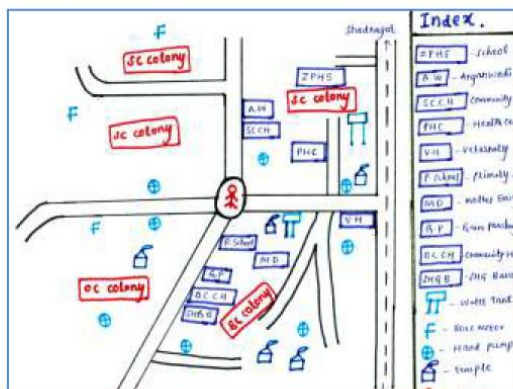
### 5.5 Chittyal

#### Findings

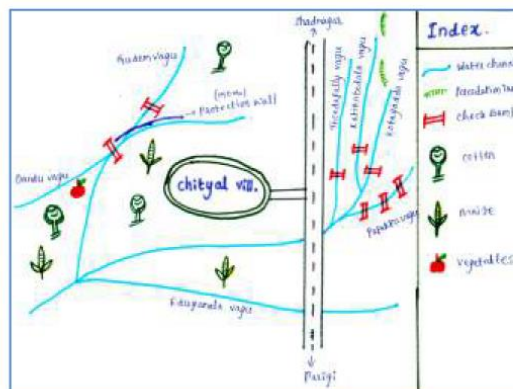
- Non availability of Potable water; Fluoride content
- Village convenience not proper, no street lights
- Sanitation is not properly maintained
- Vegetable cultivation on small scale & lack of Market linkages
- Farmers are Facing Shortage of Fodder

#### Recommendations

- Installation of Community based water purifier units to provide quality of drinking water
- Explore for solar street light possibilities
- Drainage line should be prepared to drain waste water at proper point that can provide hygiene & Healthy environment to village community
- Motivation by Supplying of quality vegetable seeds on subsidy basis, development of market linkages through collective marketing.
- Implementation of Fodder Development programme with good quality, palatable & multi cutting fodder varieties.



Village: Chittyal, Mandal: Pargi, Social Map



Village: Chittyal, Mandal: Pargi, Resource Map

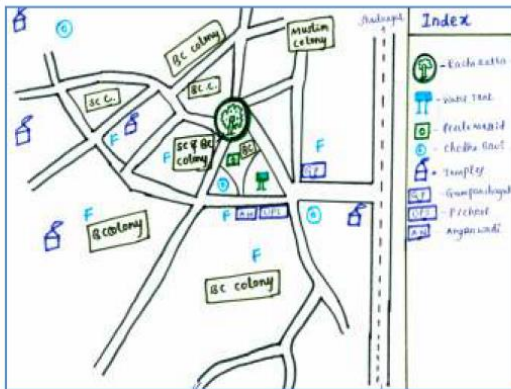
**5.6. Kadlapur**

**Findings**

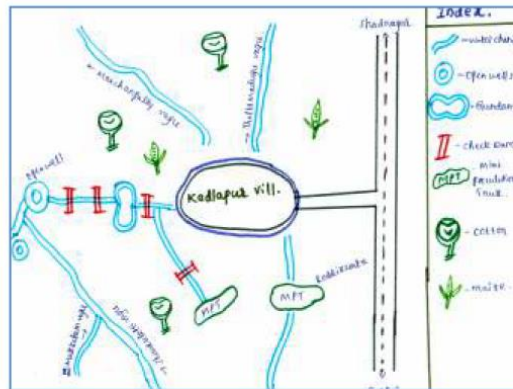
- Non availability of Potable water; Fluoride content
- 150 unemployed youths need self employment

**Recommendations**

- Installation of Community based water purifier units to provide quality drinking water
- Plan and organize self employment oriented training for up skilling & linkage with bank to create opportunities for self-employment



Village: Kadlapur, Mandal: Pargi, Social Map



Village: Kadlapur, Mandal: Pargi, Resource Map

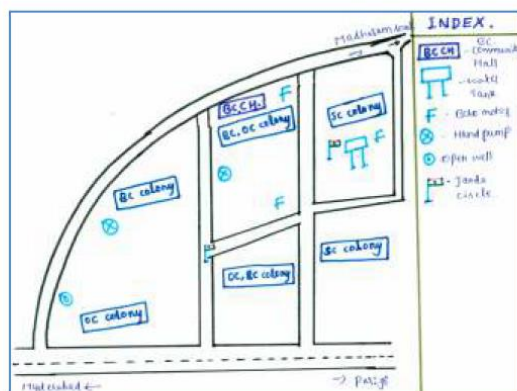
**5.7. Rangapur**

**Findings**

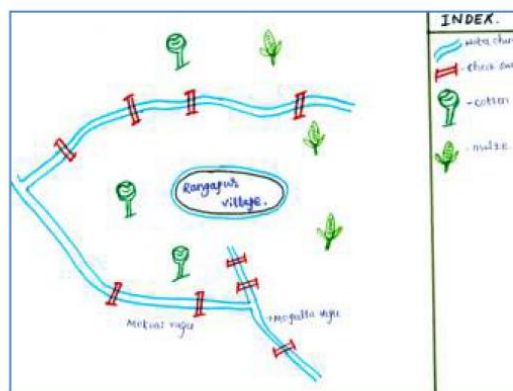
- Non availability of Potable water; Fluoride content
- Village convenience not proper, no street lights
- Sanitation is not properly maintained
- Vegetable cultivation on small scale & lack of Market linkages
- Difficulty in timely access of quality agri. Inputs
- Tank de siltation

**Recommendations**

- Installation of Community based water purifier units to provide quality of drinking water
- Explore for solar street light possibilities
- Drainage line should be prepared to drain waste water at proper point that can provide hygiene & Healthy environment to village community
- Motivation by Supplying of quality vegetable seeds on subsidy basis, development of market linkages through collective marketing.
- Need to run one ABC to access quality agri. Inputs in time & to provide mechanized farm implements that minimize dependence on labor and will save time & money.
- Need for de siltation of existing tank, stored water can be used for Agriculture and cattle drinking purpose



Village: Rangapur, Mandal: Pargi, Social Map



Village: Rangapur, Mandal: Pargi, Resource Map

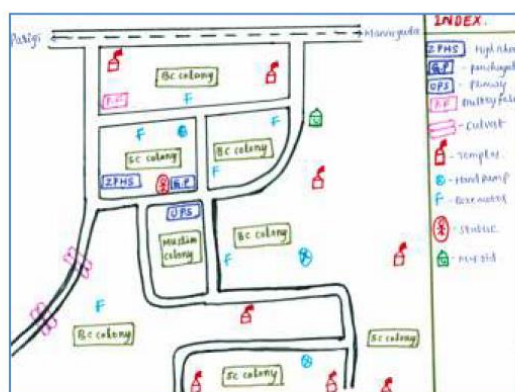
**5.8. Madharam**

**Findings**

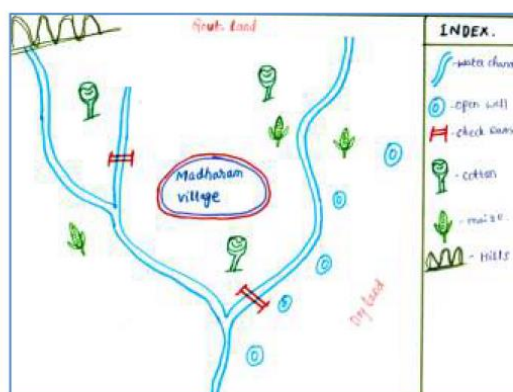
- Not covered under cattle development programme
- lack of Market linkages for Cotton & Maize
- Defunct RO plant due to maintenance issue
- Fluoride content in drinking water in the low lying areas of the village (away from Panchayat building)
- 150 unemployed youths need self employment
- De siltation of 50 individual open wells to enhance water storage capacity
- Fodder Chopper for chopping fodder

**Recommendations**

- Repair of existing RO plant/installation of a new community owned RO Plant
- Plan and organize self employment oriented training for up skilling & linkage with bank to create opportunities for self-employment
- Need for de siltation of individual open wells, stored water can be used for Agriculture and drinking purpose
- Facility can be availed by installing Community based automotive chopper to cut the fodder.
- Need to start one CBC to educate & provide services for up gradation of dairy animal & cattle management through camps and training.
- Development of market linkages through collective marketing for Cotton & Maize



Village: Madharam, Mandal: Pargi, Social Map



Village: Madharam, Mandal: Pargi, Resource Map

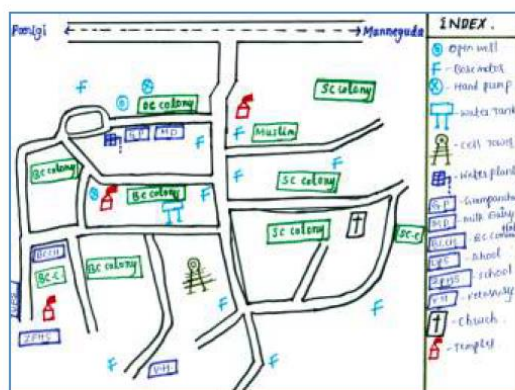
### 5.9. Manchanpalli

#### Findings

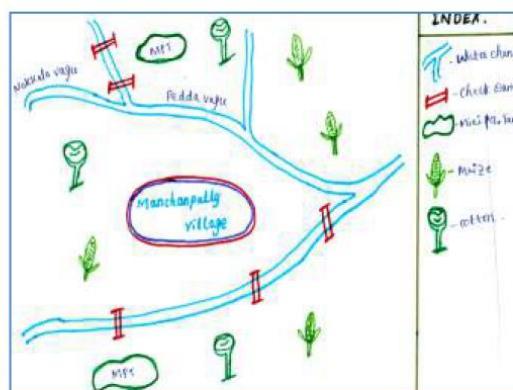
- RO water plant in the premises of Panchayat office is in excellent condition and water is availed by villagers
- Solar lighting has been successfully explored. Need for more lights.
- 200 unemployed youths need self employment
- Support for Procurement of Dairy animals
- Not covered under cattle development programme
- Vegetable cultivation on small scale & lack of Market linkages
- Construction of water storage structure & Drainage line treatment

#### Recommendations

- Plan and organize self-employment oriented training for up skilling & linkage with bank to create opportunities for self-employment
- Explore for solar street light possibilities
- Provide Support for Procurement of Dairy animals through SHG groups or Bank linkages for Livelihood
- Need to start one CBC to educate & provide services for up gradation of dairy animal & cattle management through camps and training.
- Motivation by Supplying of quality vegetable seed on subsidy basis, development of market linkages through collective marketing.
- Construction of 10 check dams to recharge ground water and also to stored rain water, Stored can be used for Agriculture and cattle drinking purpose in off season.



Village: Manchanpalli, Mandal: Pargi, Social Map



Village: Manchanpalli, Mandal: Pargi, Resource Map



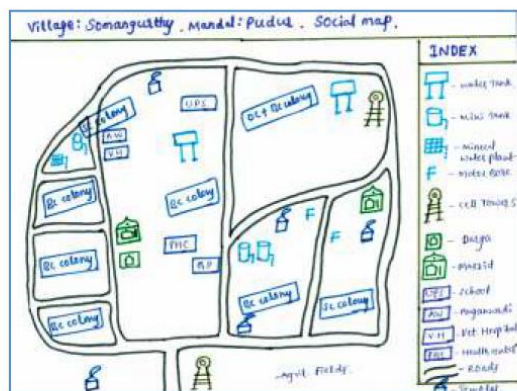
**5.10. Somangurthi**

**Findings**

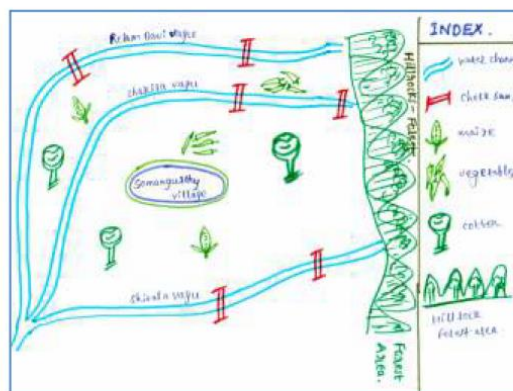
- Repair of water storage structure & check dams
- Sanitation is not properly maintained
- Vegetable cultivation on small scale & lack of Market linkages
- capacity building for 40 SHGs

**Recommendations**

- Need to Repair of existing 2 check dam structures to avoid leakage and will ensure water storage and recharge of ground water.
- Drainage line should be prepared to drain waste water at proper point that can provide hygiene & Healthy environment to village community.
- Need to run one CHC to provide mechanized farm implements that minimize dependence on labor and will save time & money of farmers
- Motivation by Supplying of quality vegetable seeds on subsidy basis, development of market linkages through collective marketing.
- Design & provide trainings to SHGs for capacity building and to search opportunities for New livelihood



Village: Somangurthi, Mandal: Pudur, Social Map



Village: Somangurthi, Mandal: Pudur, Resource Map

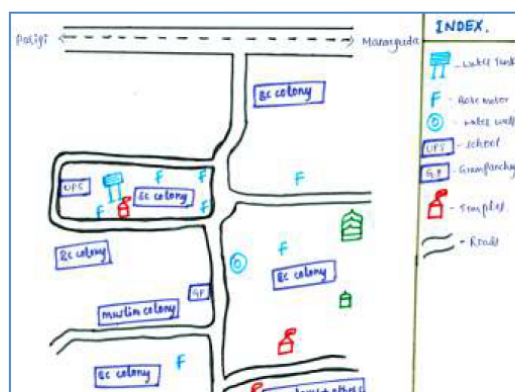
**5.11. Kervalli**

**Findings**

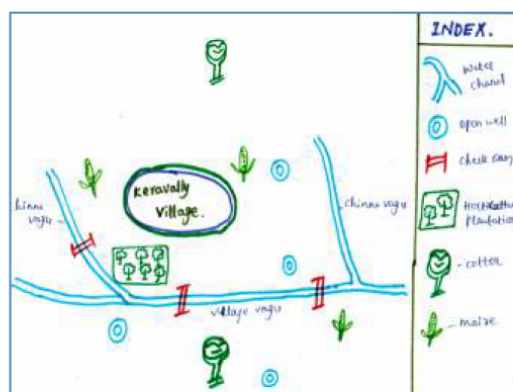
- Village is located on slope. Thus rain water flows from agricultural fields into the village. No efforts to contain the water in agricultural fields and the soil erosion. Thus internal drainage and loss of fine soil are the major problems.
- Drinking water is another major issue.
- Not covered under cattle development programme
- Farmers are Facing Shortage of Fodder
- Sanitation is not properly maintained
- Water harvesting & soil & moisture conservation needed

**Recommendations**

- Need to create facilities for storing of rain water in the agricultural fields. Alternatively drainage facilities need to be improved in the village.
- Feeder channel has to be excavated for diverting rain water creating un convenience to villagers
- De-siltation of open well, stored water can be used for Agriculture and drinking purpose
- For recharge & discharge of rain water Check dams,TCB & Farm ponds may be constructed to store water and recharge of ground water.
- Need to start one CBC to educate & provide services for up gradation of dairy animal & cattle management through camps and training.
- Implementation of Fodder Development programme with good quality, palatable & multi cutting fodder varieties.
- Support for procurement of Dairy cattle and other ruminants.



Village: Kervalli, Mandal: Pudur, Social Map



Village: Kervalli, Mandal: Pudur, Resource Map



**Displacement under LI Scheme**



## 6. Displacement under LI Scheme

During planning stages of this needs analysis, it has come to the notice of the team that two of the selected villages i.e. Padmaram in Kondurg mandal and Rawalpalle in Pudur mandal are expected to be displaced while Syedpally is expected to be partially affected by KP Lakshmidivally reservoir, the last stage of Palamuru-Rangareddy Lift Irrigation project being proposed for the area. Thus a conscious effort has been made to understand the special needs of these villages in the context of the impending displacement.

### 6.1 The Palamuru-Rangareddy Lift Irrigation Project:

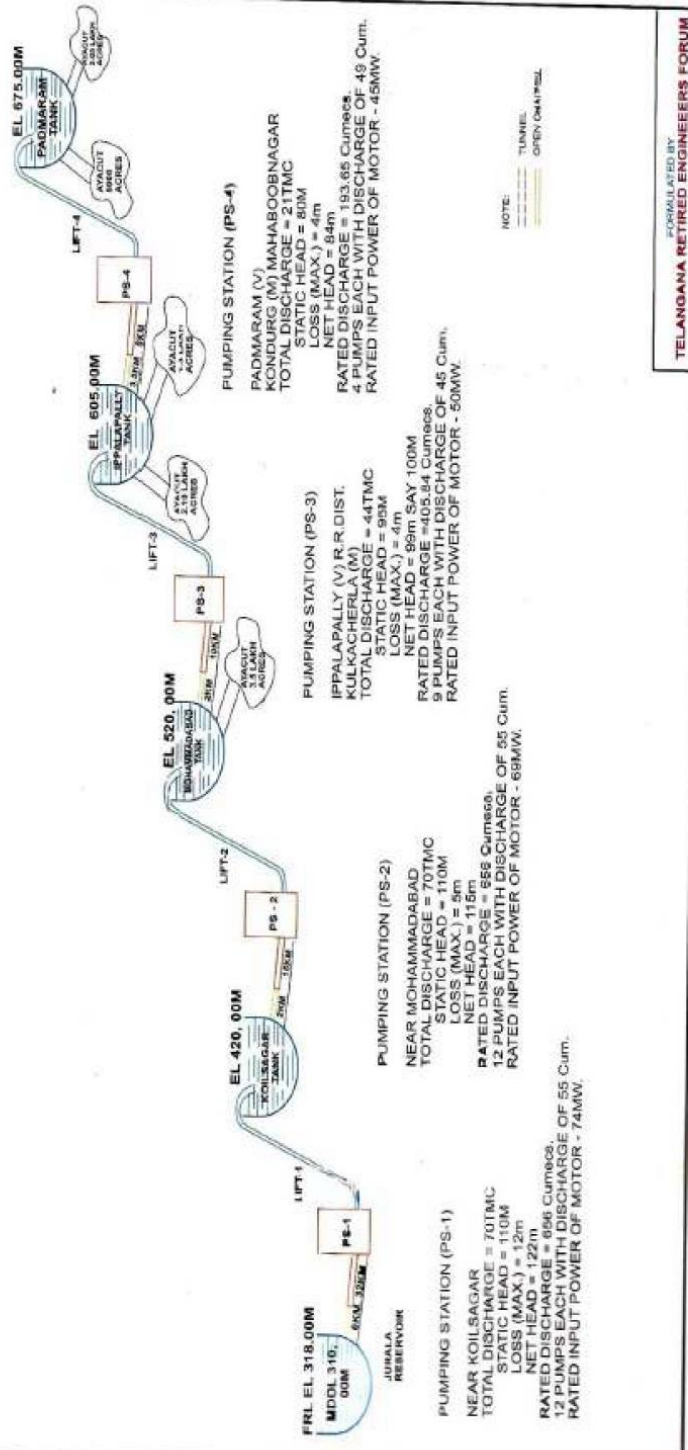
The project plans to lift 90 TMC ft water from the foreshore of Srisailem Reservoir during flood days at the rate of 1.5 TMC ft per day . With an estimated cost of Rs. 35,250 crore the current project seeks to irrigate about 10 lakh acres in Mahabubnagar, Rangareddy and Nalgonda districts besides providing water for drinking and industrial needs of Hyderabad and its neighborhood.

While speaking at the foundation laying ceremony of the project at Karivena, Mahabubnagar district on 10 June 2015 Hon'ble Chief Minister of the State Mr. K Chandra Sekhar Rao had assured the project affected families a job each and a 2 BHK house as part of the Rehabilitation & Resettlement.

INDO-GNPS-02-CONFO1 Object				
Technical details			The Mandals that are to be benefited	
1	Source: Flood water from the foreshore of Srisailem Reservoir		<b>Mahabubnagar district</b>	
2	Quantity of water to be drawn	70 TMC ft @ 2 TMC per day	Kondangal Bomraspet Doulatabad	Devarakadra Addakal Ghanpur Peddamandadi Kothakota Wanaparthi
3	No. of days of water drawl	35 days during flood season	Kosgi Damaragidda Maddur	Kalwakurthy Veldanda Keshampet
4	Proposed Ayakut in		Hanwada Koilkonda Narayanpet	Pangal Gopalpet Thimmajipet
	Mahabubnagar district	7.00 lakh acres	Dhanwada Utkoor Makthal	Amangal Madgul Kondurg
	Rangareddy district	2.70 lakh acres		Boothpur Vangur
	Nalgonda district	0.30 lakh acres		
5	Total Ayakut	10.00 lakh acres	Maganoor	Bijnapally
6	Proposed No. of lifts	4		
7	Length of open channels and tunnels in the system	Open Channel	Tunnel	
		Lift 1: Srisailem to Koilsagar	6.0 km	32.0 km
	Lift 2: Koilsagar to Mohammadabad	2.0 km	15.0 km	
			<b>Rangareddy District</b>	
			Peddemul Marpally Tandur Doma Gandlaveed Dharur Yalal	Yacharam Ibrahimpattam Mominpet Nawabpet Vikarabad Pudur
	Lift 3: Mohammadabad to Ippalapally	2.0 km	10.0 km	
	Lift 4: Ippalapally to Padmaram	3.5 km	8.0 km	
	Total Length	13.5 km	65.0 km	
			Bantaram	<b>Nalgonda District</b> Chinatapally Marriguda

# JLIS – Pumping station

## PALAMOOR LIFT IRRIGATION SCHEME ARRANGEMENT OF PUMPING STATIONS



FORMULATED BY: TELANGANA RETIRED ENGINEERS FORUM

JAI TELANGANA

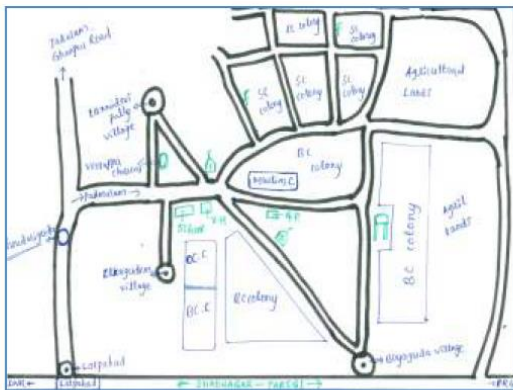
**6.2 Padmaram**

**Findings**

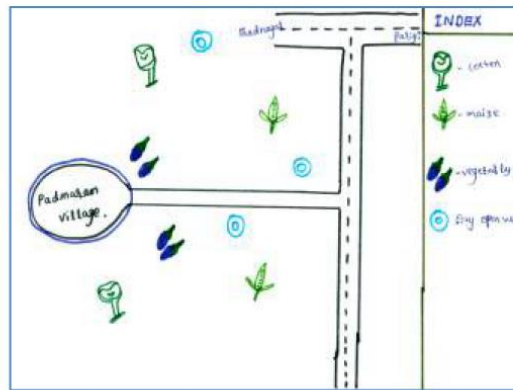
- Village is covered under command area for K.P. Laxmidivipally reservoir and surveyed for displacement.
- Land classified mostly with Black cotton and less with red soils.
- Soils are rich in fertility and suitable to cultivate wide range of crop throughout year with water use efficiency measures.
- Main source of livelihood is Agriculture & Dairy as secondary source.
- Tank de siltation
- Not covered under cattle development programme
- Installation of nursery shade net for raising of seedlings
- Farmers are emotionally attached with land as they are cultivating it from generation together hence not accepting package declared by Govt. & opposing submerging of land & displacement

**Recommendations**

- Need for de siltation of existing 4 tanks, stored water can be used for Agriculture and cattle drinking purpose. It may charge ground water, De silted fertile soil can be lifted for agriculture land by village community
- Need to start one CBC to educate & provide services for up gradation of dairy animal & cattle management through camps and training.
- Padmarum & surrounding hamlet villages are emerging as vegetable growing potential areas. One shed net on RF can be installed for raising quality vegetable seedlings to supply surrounding hamlet village. This activity will build entrepreneurship for unemployed youth.



Village: Padmaram, Mandal: Kondhurgu, Social Map



Village: Padmaram, Mandal: Kondhurgu, Resource Map