

**R. Sivaprasad**

Divisional Forest Officer

Office of the Divisional Forest Officer

Sandal Division, Marayoor

Marayoor P O. Idukki, Pin - 685620

Phone/Fax : +91 4865 252988

E-mail: [dfo-mryr.for-ker@nic.in](mailto:dfo-mryr.for-ker@nic.in)

**A-90/16**

**Dated: 24.03.2016**

### **SITE INSPECTION REPORT**

I inspected the four sites proposed for implementing water supply scheme under Jalanidi project on 23.03.2016. Details of my verification in each sites is as shown below.

1. **Jeevan Water Supply Scheme:-** All the area of the proposed scheme is within the reserve forest. Proposal is for laying pipeline in 2 km length and construction of a check dam across the Koodakkadu river. No tree is to be cut for laying the pipe line through the forest area. 778 families will get benefits from the scheme. It is expected 272300 litter water is required every day from the scheme. Water yield test is seen conducted by competent authorities of Jalanidhi projects. It is seen that consumption of such quantity of water will not affect the forest conservation.
2. **Nachivayal Water Supply Scheme:-** The proposal is for laying pipe line from the existing check dam at Kanyamkadavu in Koodakkadu river. Length required for laying pipeline is 4.2kms. Work of renovation of existing check dam is also proposed. The pipeline passes through the Nachivayal I and II Sandal Reserve Forest. Tree felling is not required for implementing the project. Beneficiaries of the project are 269 Families and 94150 litter water is required every day. Water yield test is seen conducted by competent authorities of Jalanidhi projects and it is seen that drawing of such quantity of water will not affect the forest conservation.



3. **Pallanadu Water Supply Scheme** :- This project has two parts. Second part of the project alone attracts Forest Conservation Act. The second part of the project is laying pipeline of 1km length from Anakkalpetti Bus stop. The pipeline passes through the Reserve Forest of Nachivayal I Sandal Reserve. No tree felling is required for implementing project. Beneficiaries of the project is 420 families and 161000 litter water is required every day. Water yield test is seen conducted by competent authorities of Jalandidhi projects and it is seen that drawing of such quantity of water will not affect the forest conservation.
4. **Nethaji Water Supply Scheme** :- This project is for laying pipeline in 2kms length from the Kammalankudy stream. At present there is a water tank in Kammalankudy Tribal settlement. Renovation of the water tank is also proposed in the scheme. The pipe line passes through 20 mts. Inside of the reserve boundary. No tree felling is required for implementing project. Beneficiaries of the project is 168 families and 58800 litter water is required every day. Water yield test is seen conducted by competent authorities of Jalandidhi projects and it is seen that drawing of such quantity of water will not affect the forest conservation.

Land to be diverted for the above project is detailed below.

Sl No	Component	Forest Land to be diverted (Ha)
1	Check dam	0.0022
2	Replacing pipeline	0.2
3	Renovation of Tank	0.23

  
Divisional Forest Officer



**YIELD TEST OF NACHIVAYAL SUDHA JALA VITHARANA SCHEME LEVEL  
COMITTE IN MARAYOOR GRAMA PANCHAYATH**

NAME OF GP	MARAYOOR PANCHAYATH	WARD	11
NAME OF BG/ SOURCE	SARGA,GANDINAGAR <i>Melady</i>	DATE OF YIELD TEST	18-05-2015
No of HH	269		

Present population	1345
Projected population	1627
Head of water above the V notch (H)	0.13 m
Ce	0.603
Discharge(Q)	0.008678718 m <sup>3</sup> /s
	749841.2512 lpd
Actual demand	113921.5 lpd

1) Data entered by

2) Observed person

*Ruthy J.*  
JUNIOR ENGINEER  
JALANIDHI  
Marayoor Grama Panchayat  
S.O. Highrange Development Society

Signature of

P.C

*M. K. S.*  
PROJECT COMMISSIONER  
KRWSA  
MARAYOOR GRAMA PANCHAYAT.

*Rajeev R.*  
SENIOR ENGINEER  
'JALANIDHI'  
MARAYOOR GRAMA PANCHAYAT  
S.O. HIGHRANGE  
DEVELOPMENT SOCIETY

T.L

*S. S. S.*  
TEAM LEADER  
JALANIDHI  
MARAYOOR GRAMA PANCHAYAT  
S.O. HDS IDUKKI.



**YIELD TEST OF MARAYOOR GRAMAM SUDHA JALA VITHARANA SCHEME LEVEL  
COMITTE IN MARAYOOR GRAMA PANCHAYATH**

NAME OF GP	MARAYOOR PANCHAYATH	
NAME OF BG/ SOURCE	MARYOOR GRAMAM, JEEVAN,INDHIRANAGAR , <i>Koodalukeda</i>	WARD 1
No of HH	1650	DATE OF YIELD TEST 18-05-2015

Present population	8250	
Projected population	9983	
Head of water above the V notch (H)	0.2	m
Ce	0.603	
Discharge(Q)	0.0254784	m3/s
	2201333.98	lpd
Actual demand	698775	lpd

1) Data entered by

*[Signature]*  
**JUNIOR ENGINEER  
JALANIDHI**  
Marayoor Grama Panchayat  
SO: Highrange Development Society

Signature of

P.C

*[Signature]*  
**PROJECT COMMISSIONER  
KRWSA**  
MARAYOOR GRAMA PANCHAYAT.

2) Observed person

*[Signature]*  
**SENIOR ENGINEER  
'JALANIDHI'**  
MARAYOOR GRAMA PANCHAYAT  
SO. HIGH RANGE  
DEVELOPMENT SOCIETY

*[Signature]*  
**TEAM LEADER  
JALANIDHI**  
MARAYOOR GRAMAPANCHAYAT  
S.O. HDS IDUKKI