

GOVERNMENT OF INDIA
NORTH EASTERN COUNCIL SECRETARIAT
NONGRIM HILLS, SHILLONG – 793003

Subject: Forwarding of Inspection Report.


In inviting a reference to the above subject, as requested by the concerned Sector, the physical inspection of the project "Promotion of intensive fish culture technology with Pabda for sustainable production and livelihood security of rural farmers." was carried out in Tripura. The inspection report duly signed by the Consultant (CE), Consultant (EE) and Consultants (ME) NEC is enclosed herewith. The project was sanctioned on 8/11/2013 at a total cost of Rs. 512.00 lakhs (NEC's share is Rs. 460.80 lakhs and State share is Rs. 51.20 lakhs). Two installments of total Rs. 239.61 lakhs was released by the NEC.

The inspection, inter alia, mentioned that:

- The Project was Implemented Successfully.
- Due to the implementation of the project assisted under NEC scheme there was a radical changes and improvement of the rural economy.
- The size of the fishes was found good.
- The Implementing Department informed that Inspection team that before the implementation of the project, the farmers could obtain a production of fish of not more than 2300 kg/ha. but after the implementation of the project, i.e. at the end of 2015-16, most of beneficiaries got a production of fish of more than 5700kg/ha.
- This technology of intensive fish culture helped them to increase their production by 2.5 times more in a year from the same unit area.
- This scheme has also encouraged other farmers of nearby villages to take up intensive fish culture technology with pabda for more income generation.
- Although the balance NEC Share to be released is Rs. 221.19 lakhs, the project has already achieved a fair degree of success.
- The Project has also suffered from time overrun of a little more than one year.
- The Implementing Department had to resort to taking some materials on credit from suppliers who will have to be repaid from the balance installment of NEC funding.

This is for information and necessary action by the concerned Sector.

Enclosure: As above.


(W. Synrem)
Economic Adviser (E&M)

U.O.No.NEC/EM/INSPECTION/Agri&Allied/2012/28/Vol. 1

Dated: the 07.10.2017

To,

Adviser (Agri & Allied), NEC

Copy to,

1. P.S to Planning Adviser, NEC for kind information of Planning Adviser
2. PSA, NIC-NEC (Shri M. Nongkhlaw) for uploading the report with photograph on NEC website.

**Report of the inspection carried on 17/02/2017,18/02/2017,20/02/2017,21/02/2017&22/02/2017 for the NEC funded project
"Promotion of intensive fish culture technology with Pabda for sustainable production and livelihood security of rural farmers".**

A joint inspection of the above project was carried out by an officials of NEC Secretariat, Shillong and officials of Fisheries Department, Govt. of Tripura on 17/02/2017,18/02/2017,20/02/2017,21/02/2017&22/02/2017 at Tripura. The list of the officials present & Beneficeries from the Project during the inspection is enclosed as Annexure-I & The photographs taken during the time of inspection is enclosed as Annexure-II, statement showing I/Os fund placed in 1st & 2nd installment for implementation of the project is enclosed as Annexure-III.

(I) BACKGROUND:

Name of the project:	Promotion of intensive fish culture technology with Pabda for sustainable production and livelihood security of rural farmers
Location:	Tripura
Implementing Agency:	Department of Fisheries Govt. of Tripura
Date of Sanction:	8/11/2013
Cost of Project:	Rs.512.00 lakhs
NEC Share (90%):	Rs.460.80lakhs
State Share (10%):	Rs. 51.20 lakhs
NEC Share released & Dates:	1 st installment of Rs. 92.16 lakhs on 08/11/2013 2 nd installment of Rs 147.45 lakhs on 14/03/2016
Total Amount Released:	Rs.239.61 lakhs
Balance amount to be released by NEC:	Rs. 221.19 lakhs
Total amount released by State Share:	Rs.26.63 lakhs
Balance amount to be released by State:	Rs. 24.57 lakhs
Status of UC for NEC share :	UC for Rs.102.40 lakhs for 1 st installment submitted on 02/12/2014 (NEC Share Rs. 92.16 lakhs and State share Rs. 10.24 lakhs) UC for Rs. 163.84 lakhs for 2 nd installment submitted on 22/10/2016 (NEC Share Rs. 147.45 lakhs and State Share Rs. 16.39 lakhs)
Target Date of Completion:	2 years (2013-14 & 2014-2015)

B

(II) Aims/Objectives of the Project:-

- To demonstrate intensive fish farming system with padba among the 2nd group farmers
- To encourage the farmers on use of nutritive floating pelleted feed in scientific culture
- To give training to the farmers through learning by doing
- Raising living status of farming community through better income return from scientific proven and innovative technologies

(III) Location of the Project inspected by the consultants:- North Tripura, Unokuti , Dhalai , Khowai , West Tripura, Shipaijala and Gomoti District

Numbers of Farmers to be benefited: - 640 nos.
Area to be covered by each beneficiaries: - 0.2 ha.
Therefore total area = 640 x 0.24= 128 ha

(IV) Observations/ Status of works (Physical Achievements):-

Sl.No.	Scope of work	Amount in Rs. (for 0.2 ha)	Remarks based on site Inspection
1	Repairing of embankment & control of predator by used of pesticide and repeated netting.	1500/	<ul style="list-style-type: none">• In Khowai district it could be seen embankment work was done . The implementing Agency informed the inspection team that control of predator by used of pesticide and repeated netting was done• In Shipaijala district it could be seen work was done.• In West Tripura district it could be seen work was done.• In North Tripura it could be seen that work was done.• In Dhalai it could be seen that the work was done.
2	Application of quick lime	1920/	<ul style="list-style-type: none">• In Khowai District the implementing agency informed the application of quick lime was done on monthly dose.• In Shipaijala the implementing agency informed that the application of quick lime was done.• In West Tripura the implementing agency informed that the application of quick lime was done.• In North Tripura the implementing agency informed that the application of quick lime was done .

			<ul style="list-style-type: none"> • In Dhalai the implementing agency informed that the application was done .
3	Application of soil pro biotic	2375/	<ul style="list-style-type: none"> • In Khowai district the implementing Agency informed that the application of soil pro biotic was done. • In Shipijihala district the implementing agency informed that the application of soil pro biotic was done. • In West Tripura the implementing Agency informed that the application of soil probiotic was done • In North Tripura the implementing Agency informed that the application of soil probiotic was done. • In Dhalai district the implementing agency informed that the application of soil probiotic was done.
4	Mustard Oil cake(Manuring)	9860/	<ul style="list-style-type: none"> • In Khowai district the implementing agency informed that the application of mustard oil cake (manuring) was done. • In Shipijihala District the implementing agency informed that the application of mustard oil cake was done. • In West district the implementing agency informed that the application of mustard oil cake was done. • In North Tripura the implementing agency informed that the application of mustard oil cake was done. • In Dhalai the implementing agency informed that the application of mustard oil cake was done.
5	Raw cow dung (Manuring)	4500/	<ul style="list-style-type: none"> • In Khowai district the raw cow dung was yet to provide by the implementing agency. The beneficiaries had informed the inspection team that during the initial stage they have provided from their own sheds. • In Shipijihala district the raw cow dung was yet to provide by the implementing agency but the beneficiaries had informed the inspection team that during the initial stage they have provided from their own. • In West district the raw cow dung was yet to be provided by the implementing agency. The beneficiaries had informed the inspection team that during the initial stage they have provided from their own. • In North Tripura district the raw cow dung was yet to be provided by the implementing agency. The beneficiaries had informed the inspection team that during the initial stage they have provided from their own. • In Dhalai district the raw cow dung was yet to be provided by the

			implementing agency. The beneficiaries had informed the inspection team that during the initial stage they have provided from their own.
6	Single super phosphate(Manuring)	2400/	<ul style="list-style-type: none"> • In Khowai district the implementing agency informed that they have supply in less quantity the remaining will be given after the release of final installment. • In Shipijihala district the implementing agency informed that they have supply in less quantity the remaining will be given after the release of final installment. • In West district the implementing agency informed that they have supply in less quantity the remaining will be given after the release of final installment. • In North Tripura the implementing informed that they have supply the full quantity. • In Dhalai district the implementing agency informed that they have supply in less quantity the remaining will be given after the release of final installment.
7	Micro nutrient Clt. Agrimin forte/ fishmin / any other similar nature. (Manuring)	1500/	<ul style="list-style-type: none"> • The implementing agency informed that they have supply the micro nutrient to all the respective district initial quantity the remaining will be given after the release of final installment. But as for North Tripura it was informed that full quantity of Micro nutrients was given to the beneficiaries and the nutrients was supplied on credit which will be paid to the supplier only after the release of final installment .
8	Bio- Stimulant(Manuring)	700/	<ul style="list-style-type: none"> • The implementing agency informed that in all the district they have supply the Bio-Stimulant in less quantity the remaining will be given after the release of final installment. But as for North Tripura it was informed that full quantity of Bio-Stimulant was given to the beneficiaries and the Bio-Stimulant was supplied on credit which will be paid to the supplier only after the release of final installment.
9	Cost for providing palm leave as nest	265/	<ul style="list-style-type: none"> • The farmers informed that during the initial stage of farming they have applied this process of shadowing. Implementing agency stated that this was done in all the district.
10	Stocking of Fingerling	12000/	<ul style="list-style-type: none"> • The farmers of the districts which the Consultants inspected informed that the stocking of fingerling was done.
11	Periodical Stocking @8000 nos/ ha. (Stocking of Fingerling)	8000/	<ul style="list-style-type: none"> • The farmers of the districts which the Consultants inspected informed that periodical stocking was done

12	Artificial feeding with floating Pelleted feed (in kg)	37800/	<ul style="list-style-type: none"> The farmers of the districts which the Consultants inspected informed that artificial feeding with floating pelleted feed was done.
13	Medicine for prophylactic measures	680/	<ul style="list-style-type: none"> The farmers informed that application of medicine for prophylactic measures was done.
14	Miscellaneous expdt. For montly netting & cost of Plankton net etc	2500/	<ul style="list-style-type: none"> The farmers informed that the work had been done and in future they will be doing it again because it is continuous process.

Location (Co-ordinates):-

Latitude	Longitudinal	Latitude	Longitudinal
N 24.06469°	E 91.67476°	N 23.65508°	E 91.23057°
N 23.92292°	E 91.60921°	N 23.65508°	E 91.22768°
N 23.64581°	E 91.22746°	N 23.64203°	E 91.22144°
N 23.64801°	E 91.23048°	N 24.29804°	E 92.14607°
N 23.800681°	E 91.288845°	N 23.804430°	E 91.288845°
N 23.927910°	E 91.288845°	N 23.941234°	E 91.820134°

(IV) Overall Remarks and Suggestions:- Due to the implementation of the project assisted under NEC scheme there was a radical changes and improvement of the rural economy .It boost up the socio economic condition of the beneficiaries due to more income generation from the sale of produced fish that had been resulted from this project. The beneficiaries were in the position to continue the project activity further in 2016-17 for maintaining sustainable growth of fish in their tanks. Inspecting team found that though the project components was given by the implementing agency long time back ,the fish farmers still harvesting the respective fishes in their ponds .The size of the fishes was found good. The Implementing Department informed that Inspection team that before the implementation of the project, the farmers could obtain a production of fish of not more than 2300 kg/ha. but after the implementation of the project, i.e. at the end of 2015-16, most of beneficiaries got a production of fish of more than 5700kg/ha. Thus this technology of intensive fish culture helped them to increase their production by 2.5 times more in a year from the same unit area. Side by side, this scheme has also encouraged other farmers of nearby villages to take up intensive fish culture technology with pabda for more income generation. As 95% of the populations of Tripura are fish

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eaters, the demand was very high. So it seemed that the project was successful. A statement showing total fish production data of last 3 years from culture resources both for mix culture and pabda in the table below:-

	2013-2014	2014-2015	2015-2016
Fish production (in Mt.)	59,637.32	63722.41	66754.89
Pabda production (MT.)	4.43	23.810	25.33
TOTAL	59641.75	63722.22	66780.22

It was clearly indicated in the above data received from the State Government that there was an increase in fish production in the State of Tripura since the commencement of the project. During interaction with the Beneficiaries and local fish farmers, it could be seen that they know how to harvest pabda and other high yielding fish, but there was scarcity of fingerlings in local markets. State Government always provide fingerling to listed beneficiaries from the Government Schemes. The Implementing Department informed that Govt hatcheries in Tripura is very less but there is large number of fish producing ponds available in the State and fish consumption is very high. So if many hatcheries are going to be establish by the State government, then not only the ongoing project beneficiaries will be benefited but general fish farmers will also be benefitted.



(Liza R Hek)
Consultant (ME)
NEC Secretariat, Shillong



(Abhijit Sarkar)
Consultant (EE)
NEC Secretariat, Shillong



(Jeriel Nicholas J. Kharbhih)
Consultant (CE)
NEC Secretariat, Shillong


List of officials who were present during the inspection of NEC funded project "Promotion of intensive fish culture technology with Pabda for sustainable production and livelihood security of rural farmers in Tripura on .../7/1, 02/1/2017, 18/02/2017, 20/02/17, 21/02/2017, 22/02/2017

Sl. No.	Name	Contact No. & Email id	Designation & Organisation/Department	Signature
1.	Rudhateani Rup Barua			Rudhateani Rup Barua
2.	Ashok Barua	9496476680	DDP Khasma	Ashok Barua 17.2.17
3.	Aparna Chakraborty			Aparna Chakraborty
4.	Taren Debbar	9426992542	SF, TLM	Taren Debbar 17/2/17
5.	Bibhas Bora	9436547120	F.O. Charlam Blk	Bibhas Bora 18/02/17
6.	Taru Meekam behalf of Selima Begam			Taru Meekam
7.	Lobinda Sutradhar	9612412857	Beneficiary	Lobinda Sutradhar
8.	Nitai Das	9862279969	Beneficiary	Nitai Das
9.	Smt Sandhya Ran Das	9089163900	Beneficiary	Sandhya Ran Das
10.	Soma Majumdar	9486517557	FO, Bishalgarh Block	Soma Majumdar 17/2/17

- 11. Nitai Debbarma 9862454799 Beneficiary Nitai Debbarma
- 12. Soma Debbarma - 9612118380 Soma Debbarma
- 13. Aklos Ali 9612705448 Aklos Ali
- 14. Arun Kr Nath 9862775609 Arun Kr. Nath
- 15. Sandip Nath 9862618817 Sandip Nath
- 16. Sima Deb Nath 9863270504 Sima Deb Nath
- 17. Parimal Deb Nath 8413994601 Parimal Deb Nath
- 18. Girejamoan Deb Nath 8974827654 Girejamoan Deb Nath
- 19. Anjan Kumar Nath - 9862663519 Anjan Kumar Nath

18. SAMPA PAL 08575924876


FISHERY OFFICER


21/02/17

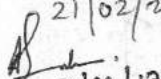
19. GOPAL SHERPA
DY. DIRECTOR, 9436489060
FISHERIES (NORTH)


21/02/17

20. SANDIP SHOME
FISHERY OFFICER 9436189048


21/02/2017.

21. ABHIJIT SARKAR Ph. no. 8132853127
Consultant (EE).


21/02/17

1. Robipati Halam. for Debchand Manik Halam

2. Sonrajit Halam - for Sri Kishor Halam

3. Changthiangbam Halam. for Sanjay Halam

4. Changthiangzin Halam. for Sanjay Halam

5. Sanjay man Halam. Sanjay man Halam

22. Serial Khorbik consultant CE

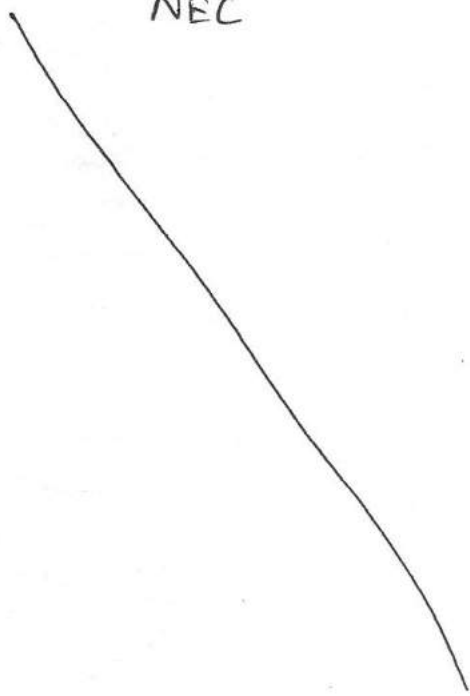
23. Liza S. Hell Consultant ME




Name of the officials and Beneficiaries / Farmers ~~of~~ on 20/02/2017.
at Dhalai District

- 1) Sri Sujit Sarkar - Supdt. of Fisheries
Ambassa sub-division 9862970782
- 2) Sri Binola Kanti Khutku Fishery Officer (H/R)
Ambassa 8415991472
- 3) Sri Ganga Charan Molsom Beneficiary
Ambassa Block 9436571957 Ganga Charan Molsom
- 4) Sri Kamak Bhattacharjee Beneficiary
Ambassa Block 9436910693 Kamak Bhattacharjee
- 5) Sri Ranjan Bhattacharjee Beneficiary
Ambassa Block 7085814202 Ranjan Bhattacharjee
- 6) Sri Bimal Molsom Beneficiary
Ambassa Block - Bimal Molsom
- 7) Sri Nani Molsom Beneficiary
Ambassa Block - Nani Molsom
- 8) Sri Biswanta Babbar Beneficiary
Ambassa Block - Biswanta Babbar
- 9) Smt. Nandanputi Koley Begum
Ambassa Block - Nandanputi Koley
- 10) ABHIJIT SARKAR Consultant (EE)
NEC






(11)



Name of the officials and Beneficiaries/Farmers

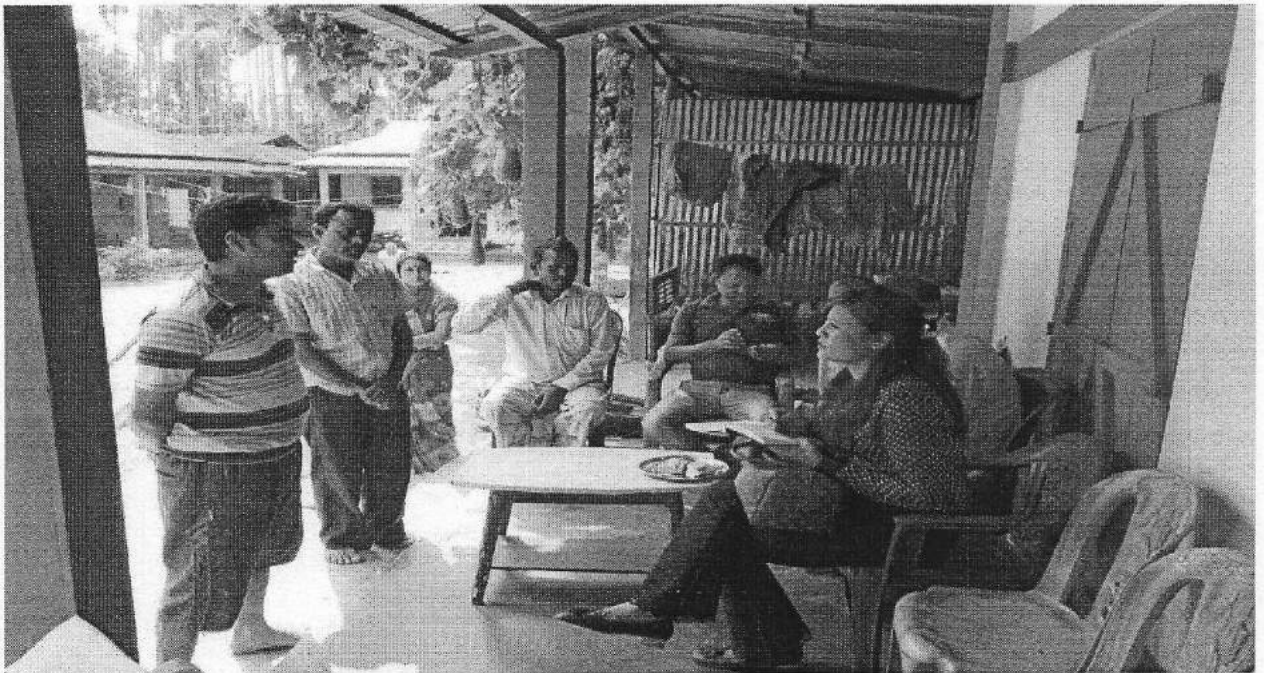
on 20/02/2017

at West Tripura.

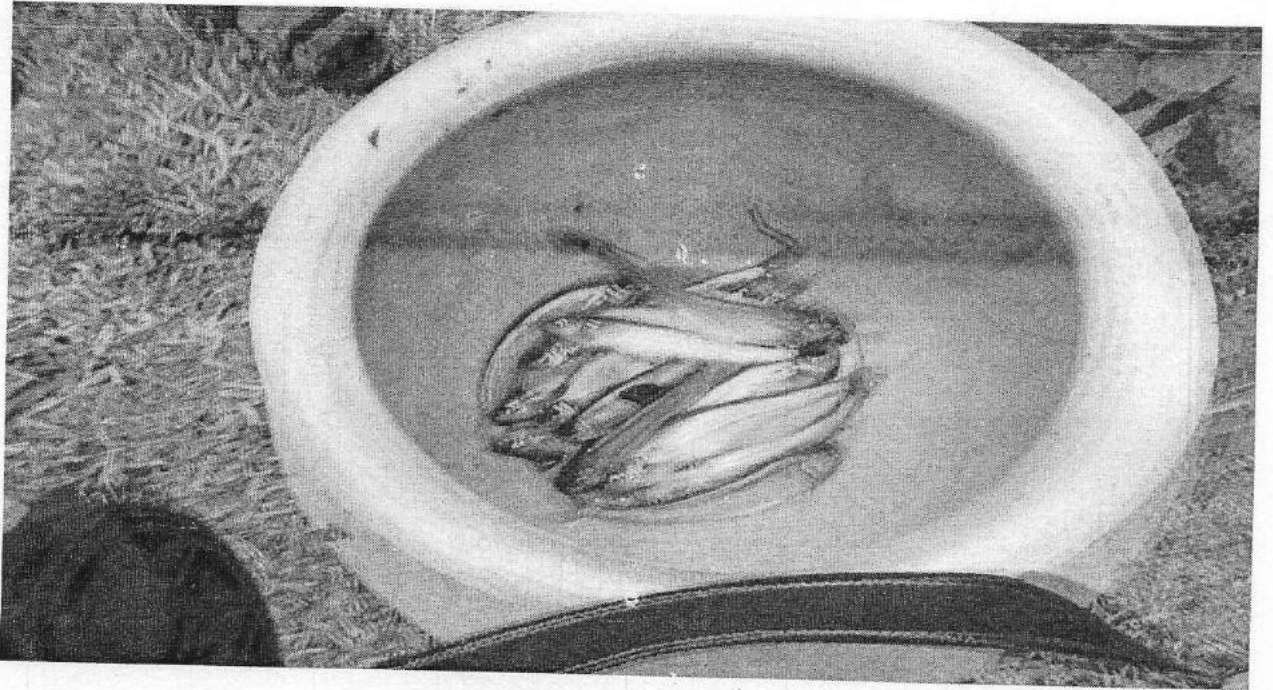
- ① Nanda gopal Noctai - Supdt. of Fisheries
Sadar Subdivision 9436599262  20/2/2017
- ② Jayanta Chakraborty - fishery officer
Dukli Block. 9436122385  20/2/17
- ③ Ronjit Ghosh - Beneficiary
Dukli Block → 9612774454 → R. Ghosh
- ④ Bishnugada San-
Beneficiary
Dukli Block → 9862027744 → Rama Das
- ⑤ Sakhen Ghosh
s/o Akhil -
Beneficiary
Dukli Block → 9774273024
→ 9862522220
- ⑥ Sarwipala Datta -
s/o Partha Datta -
Pradip - Malish
Khadra
A.P. → son - Prativa Gope (Datta)
→ 9862517963
- ⑦ Sant. Sobharani Barman
w/o Motilal Maheshkhola
GIP → 9862249281
- Sova Barman
- ⑧ ABHJIT SARKAR
Consultant (EE)
NEC, Shillong 
- ⑨ Jiriel Khorsik
Consultant CE 
- ⑩ Liza S. Heli
Consultant
ME 



Inspection Team with the beneficiaries



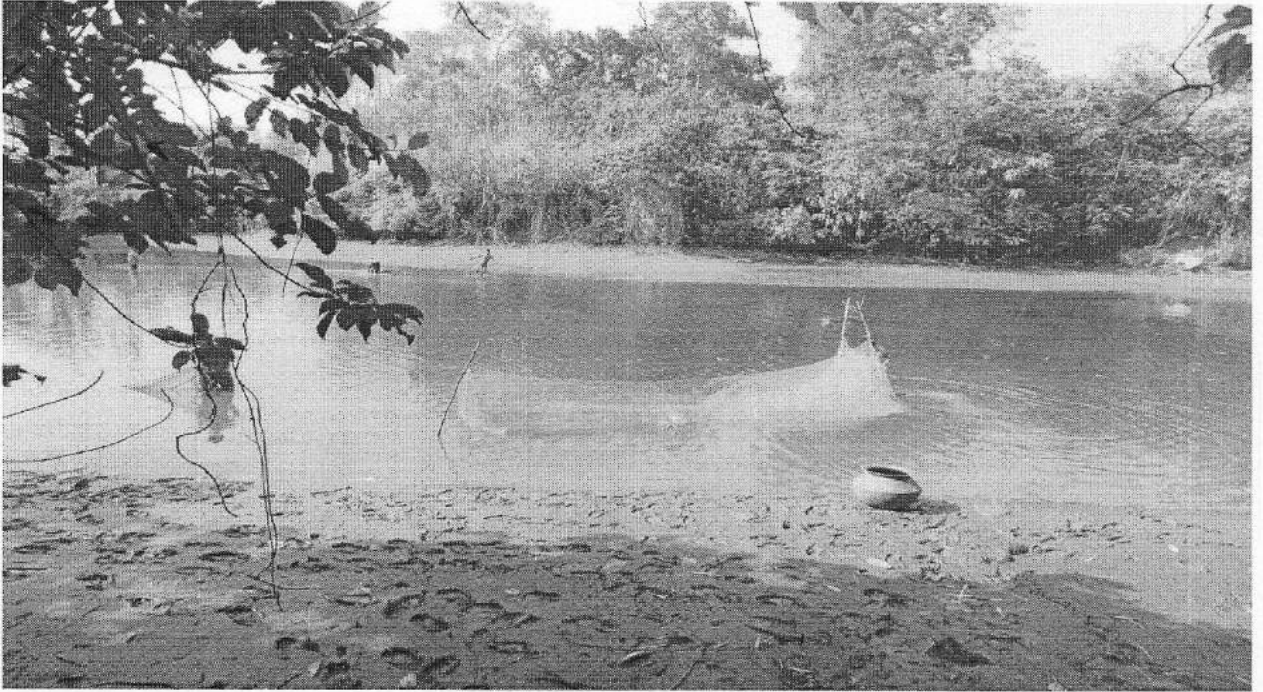
Inspection team interacting with the beneficiaries



Pabda fish caught by the fishermen



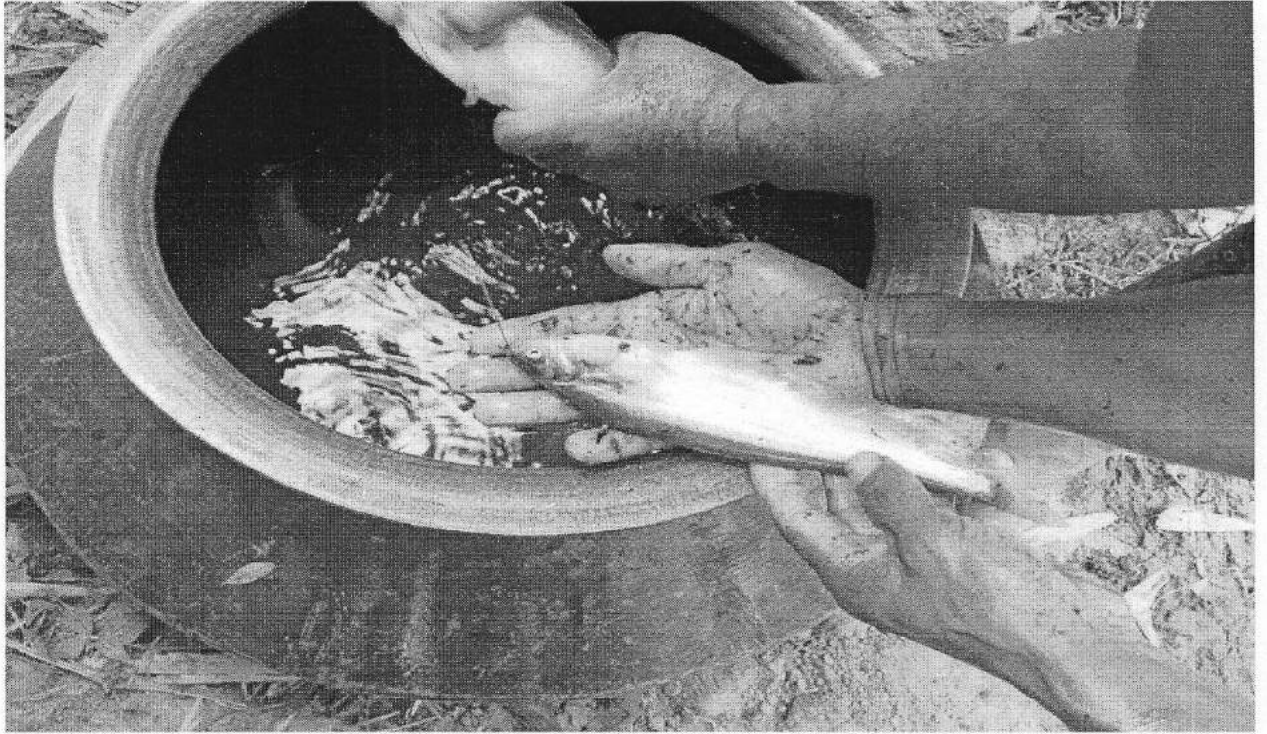
Inspection Team in front of pond where fish was cultivated



View of the pond at Khowai where project was implemented



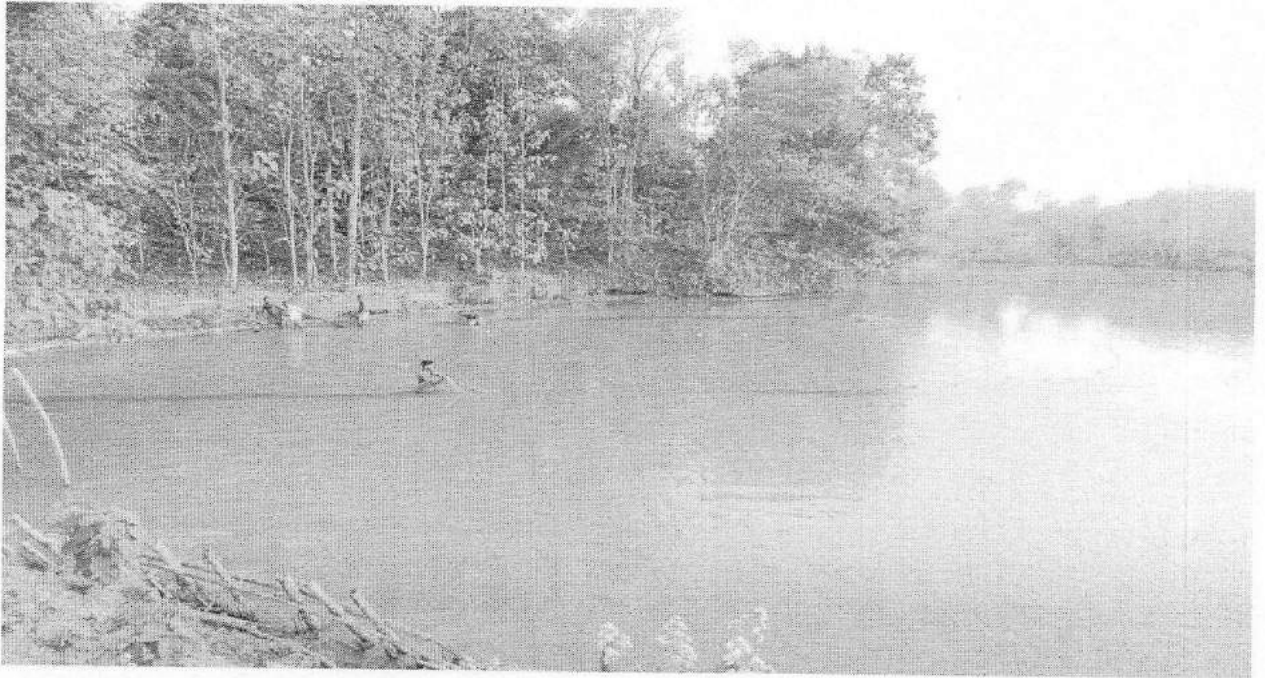
Fishermen doing netting in the pond



Pabda fish caught by the fishermen



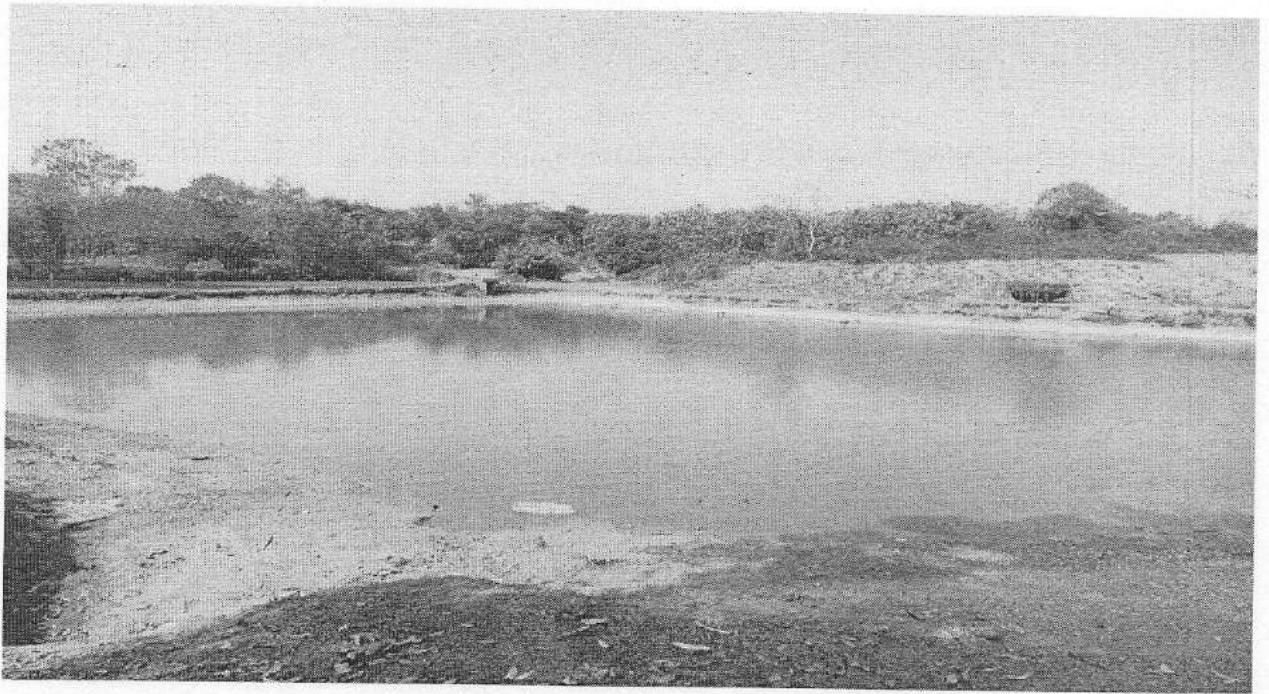
Pabda fish caught by the fishermen



View of the pond at Dukli block in West Tripura where project was implemented



Fish caught by the fishermen



View of pond where fish was cultivated



Inspection Team with the beneficiaries



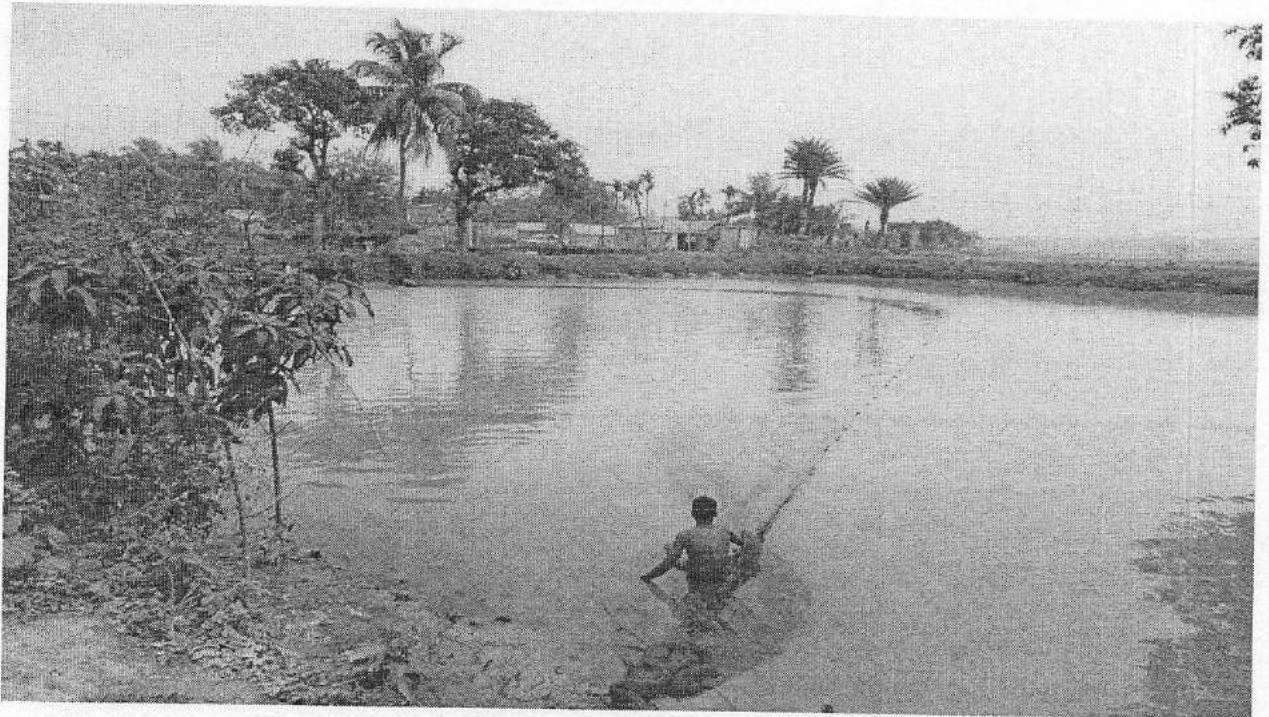
View of the pond in west Tripura where project was implemented



Fishermen doing netting in the pond



Pabda fish caught by the fishermen



Fishermen doing netting in the pond at Shipaijala District



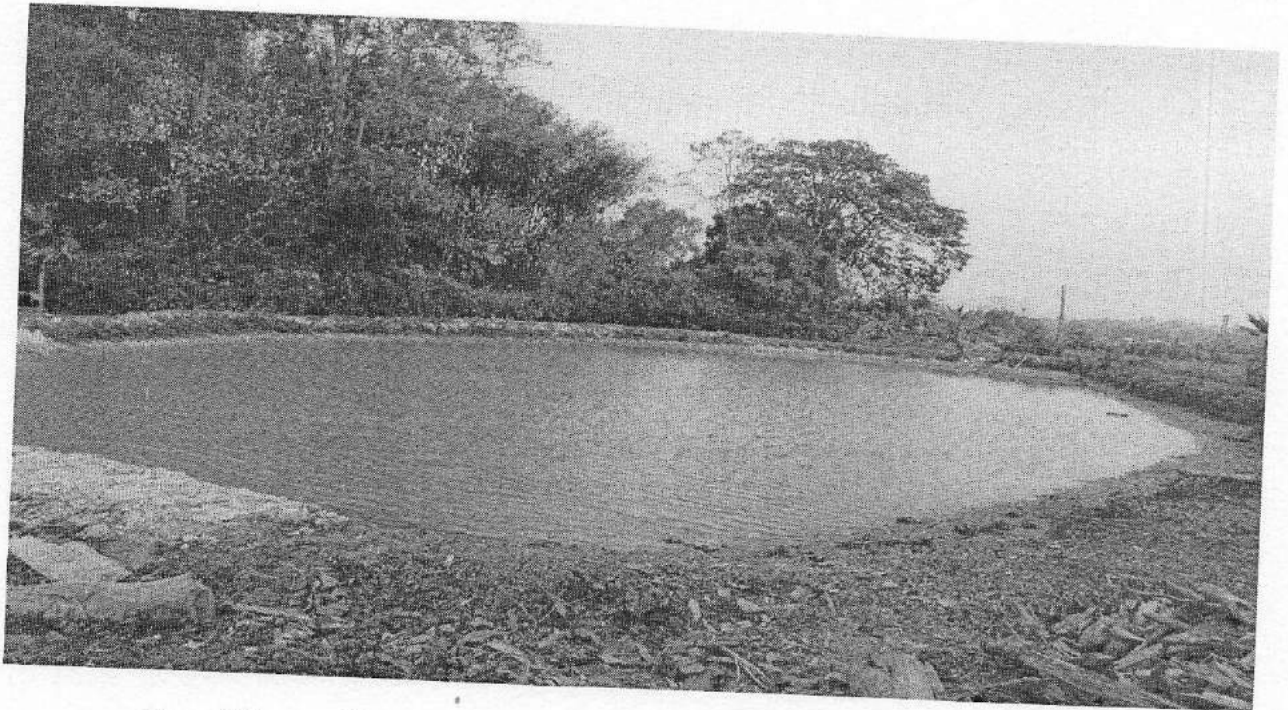
Pabda fish caught by the fishermen



View of the pond in west Tripura where project was implemented



Pabda fish caught by the fishermen



One of the pond in Ambasa block, Tripura where project was implemented