4970236 (5)
A/EAA/I

U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT
Jakarta, Indonesia

PD-AAD-811-E1

MEMORANDUM

July 7, 1976

4p.

TO : The USAID Project Officer
Lampung Brackish Water Development Project

THRU : Directorate General of Fisheries

FROM : S. V. Bersamin, Team Leader, Feasibility Team
Lampung Brackish Water Development Project

SUBJECT : Progress Report No. I
Period: June 18 to July 1, 1976

Submitted herewith is the first monthly report covering the progress of activities of the Feasibility Team on the proposed Lampung Brackish Water Development Project.

BEST AVAILABLE DOCUMENT

cc: RD-5
C&R-3
A/EAA/I

RD:SVBersamin:me

Progress Report of Feasibility Study
Lampung Brackish Water Fisheries Development Project
Period: June 9 to June 30, 1976

An initial period of six days was spent in Washington, D.C. reading various reports, preparing work outlines, meeting with officials concerned with the project and attending to vaccination shots and visas.

The following persons contributed information and aided in giving their impression of the project and its history:

Mr. David Devin - USAID, Indonesia
Mr. Jack Howe - USAID, Washington
Mr. Gleason Rohlfs - USAID, Washington

Discussions with these officials reveal that:

The cost per family unit was high when compared with other relocation projects of a different character.

The project plan was developed and cost estimates prepared without the benefit of solid physical data.

These are the reasons for rejecting the project and called for a feasibility study team.

The following documents and reports were reviewed during the initial period in Washington, D.C.

- Project Information Document (PID)
- Project Review Paper (PRP)
- Economic Development in Indonesia, Vol. III (IBRD)
- Appraisal Mission and Fisheries Project Supervision Mission to Indonesia (Inter-Oceanic Factors, Inc.)
- Environmental Handbook (IBRD)
- Foreign Aid Handbook for Indonesia
- Various references on Indonesian Life and Culture

The following were prepared in Washington, D.C. during the period beginning May 18 to June 9:

- Individual work schedules and scope of work for the 5 team members, namely:

  - Brackish-Water Development Specialist,
  - Water Resources Engineer,
  - Tidal Hydraulics Engineer,
  - Fishery Economics & Marketing Specialist and Sociologist

An outline of the final report which embodies what the team is expected to accomplish, as enumerated in the PRP and PID:

- An itinerary of activities for the team members,
- Write-ups for the various feasibility issues, and
- Summaries of administrative and technical aspects of the project.

The period of 10 to 18th of June was spent in transit to Jakarta.

The three days stopover of the Team Leader in the Philippines produced important facts and data regarding the latest trends in shrimp and milkfish hatchery operations to produce commercial fry and shrimp larvae for stocking purposes. These include solutions to critical problems of food source for the developing larvae and fry and environmental manipulation and control to attain optimal conditions. This basic information will be needed in the assessment of feasibility of the Lampung Brackish Water Development Project. Several commercial (private) and government brackish water ponds were visited in various provinces.

The first week in Indonesia was spent in reviewing data available, including maps and aerial photographs at the USAID office in Jakarta. Meetings and conferences were made with various cooperating and donor agencies, reviewing their logistical support and project papers. These agencies are the Directorates General of Fisheries, Forestry, Transmigration, Public Works and Irrigation.

Investigative programs were prepared and submitted to local counterparts requesting data for tidal conditions, meteorological and hydrologic factors, relocation projects and community development in Java and Sumatra, a physiochemical and biological investigation of the Sekampung River and part of the Java Sea near the proposed project site, surveys for location of fry grounds, the distribution, abundance and seasonal occurrence of fry and cost estimates in milkfish pond construction in Java and Sumatra. A trip was made to Bandung where the engineers of the Team met with Mr. Rachmad, Head of the Hydrologic Institute who supplied them with useful hydrological materials and data concerning stream flow, tides and precipitation.

A trip was made to the Semarang Regional Fisheries Office and the Jepara Brackish Water Research Station funded under a UNDP program. The visit proved very successful in that some construction costs were obtained, a lot of technical data on milkfish and shrimp culture were made available and actual observations were made on the various hatching, feeding and rearing operations, including the improvement of the Station's model fish farm. The sociologist of the Team made observations on the activities of the model fish farm and associated villages of local tambak farmers and also visited several fish farmers communities around Jepara and Semarang, East Java. Next day he interviewed the local functionaries of the Directorate General of Transmigrasi regarding recruitment of potential transmigrants.

June 28 to July 1 was spent in Tanjung Karang, Sumatra, working with local counterparts, meeting provincial officials in Fisheries, Transmigrasi, BAPPEDA (Regional Planning Board) and the Governor's Office.

The following documents and reports concerned with tidal, hydrologic and environmental factors have been collected:

- Hydrologic Network, Lampung Province
- Hydrologic Yearbook, Indonesia
- Meteorologic Data, Indonesia
- Tide Tables (Stage & Current), Indonesia

The physical data regarding tides, river flows, and river stages of the project site have been reviewed. The Department of Public Works and Department of Fisheries in Lampung Province helped in this task.

A trip was made to Way Sekampung, Lampung Province by way of Ketapang by car, where the Fisheries boat picked up the Team, including counterparts, and brought the whole party to Sekampung River to inspect the project site and make scientific tests and measurements in the area.

The meeting with BAPPEDA gave startling information on costs for land clearing and stump removal which, if accurate, could ruin the project feasibility. This requires further research and verification. At this point no physical data regarding the project site is still available.

Although basic data has not yet been obtained, early indications suggest some problems in the following areas:

- At the national level, the project appears to be unrecognized by any official agency except Fisheries. It does not appear in the proposed budget of the National Planning Agency, yet it would require extensive multi-agency coordination.

- At the source for potential migrants, hesitation was expressed due to lack of precedent in moving fish farmers of any sort.

- Local officials at the project area stress the need of concrete plans to prevent over population from leading to a situation of no improvement.

MICROFILMED FROM BEST
AVAILABLE COPY

RD:SVBersamin:cm;me:7/7/76