

**CDC Paper No.**

**Progress Report No. (1)**  
**on:**  
**Project: TA No. 4229-SAM Institutional Strengthening for**  
**Drainage and Wastewater Management**

**Submitted by**  
**Ministry of Natural Resources, Environment and Meteorology**  
**Planning and Urban Management Agency**

**for**  
**Cabinet Development Committee**

**1. Project Title:** TA No. 4229-SAM Institutional Strengthening for Drainage and Wastewater Management

**2. Purpose of Submission**

This Project progress report is from the period 15 May 2006 to 11 August 2006. Note that this is the first report requested to be submitted to the CDC.

**3. Executing Agency**

The Asian Development Bank (ADB) and the Ministry of Finance (MoF) for the Government of Samoa.

The ADB has provided technical assistance to Samoa, TA 4229-SAM: Institutional Strengthening for Drainage and Wastewater Management. The international consultant Kellogg Brown and Roots Pty Ltd with Isikuki Punivalu and Associates have been retained by ADB as consultants for the TA.

**4. Implementing Agency**

Ministry of Natural Resources, Environment and Meteorology – Planning and Urban Management Agency.

The TA is being implemented concurrently with the SWA's Samoa Sanitation and Drainage Project (SSDP) Loan No. 2026-SAM. Links have already been established with the SSDP Project team and Steering Committee.

**5. Project Background**

The goals and objectives of the technical assistance (TA) is to strengthen the policy, procedural, and legislative base of key agencies involved in the water and sanitation sectors as well as strengthen the planning and urban management capacities generally.

The scope of the TA includes:

- Identifying priority flood areas on the Apia floodplain in the context of a total catchment management approach.
- Examining options and alternatives to alleviate localized flooding and wastewater impacts including costing the preferred options.
- Liasing with local villages as to flooding and wastewater problems and the likelihood of access over land for drainage rehabilitation and maintenance.
- Assessing existing problems of constructing septic tanks and pit latrines in lowlying flood prone areas and setting new affordable and pragmatic building standards
- Working with key stakeholders to develop new procedures and processes to ensure the new Planning and Urban Management Act is institutionalized and operational.

The TA components are as follows:

**Component A: Drainage and wastewater management plans**

- Develop competencies in planning and urban management, drainage and wastewater management to management and staff of PUMA, SWA and MWTI.

- Preparation of drainage and wastewater management plans for remaining priority areas in the Apia urban area.
- Training and development program in planning and urban management and drainage and wastewater management for PUMA, SWA and MWTI.

**Component B: Planning and regulation**

- A revised Building Code as it relates to upgrading of on-site sanitation systems, with attention to the needs of lowlying areas.
- Documented and implemented processes and procedures to support implementation of regulatory framework and the on-going operation of PUMA, SWA and MWTI.
- Draft legislation to enable wastewater management and environmental monitoring, including provision of sanitation.
- Implementation of approved geographic information system design for PUMA.

**6. Funding Sources and Conditions**

This TA is externally funded by the Asian Development Bank (ADB). The project’s duration is for 9 months from May 2006 to January 2006.

Government of Samoa’s contribution includes – provide consultant with work permits (SAT\$600), PUMA office space and use of facilities, assistance with the provision of reports and also data relevant to the project, counterpart assistance and access to the staff of PUMA / MWTI and SWA to help aid in the completion of the TA.

**7. Current Implementation Status**

Percentage of services completed so far is about 35% of the work and also the budget is traveling at approximately 35% of the program cost. The Inception Phase has been completed. The team will be working towards the completion of the interim report by mid September 2006.

The Total Expenditure (approximate) to date:

Computer purchases (to arrive within the next week or so):	10,000 USD
Software purchase (XP SWIMM & GIS has arrived):	(12,900 ADB separate budget)
Surveys (hydraulic surveys almost complete):	8,000 USD
Sundries (car rental, project costs etc):	3,000 USD
TA costs overall for inputs:	141,000 USD
Approx. total running budget:	162,000 USD
Total project budget:	391,000 USD

**8. Outstanding Activities**

Training activities, preparation of the sustainable management plan, flood modeling and overlays, agreement on priority areas, identification of structural drainage solutions, development of water quality and wastewater discharge standards, revised Building Code, and draft legislation for wastewater and sanitation are the key activities remaining.

**9. Project Implications for Samoa**

The TA is on schedule and completing baseline data collection and existing situation analysis is satisfactorily progressing. The current close collaboration between consultants and the PUMA staff shall ensure regular reporting and monitoring of project status and issues. The activities under the TA are programmed to be completed by the 1<sup>st</sup> quarter of 2007.

The project outputs will provide the policy, procedural and legislative framework for the PUMA, SWA and MWTI guidance. The training scheduled for agencies involved will ensure positive capacity building and drivers for the sustainability of the project. In addition, the identification of priority drainage areas will ensure that subsequent projects may be in the pipeline. The procurement of computer hardware and software resources positively adds to the limited resources of PUMA. Policy, planning and institutional issues to be resolved during the TA process.

#### **10. Summary of Issues**

- The challenge is to continue to mobilize stakeholders and other TA inputs to build on the PUMA staff enthusiasm to achieve project outputs for better urban outcomes.
- The likely lands required to rehabilitate the altered flood ways and restricted channels. Extent of any land acquisitions or land swap, and who is going to pay.
- The procurement of computer hardware and software specifically for GIS and Hydraulic Modelling to be housed in the PUMA office.

#### **11. Recommendations for Consideration**

Recommendations for CDC's consideration

- Continued support for the TA goal and objectives.

#### **12. Signature of Implementing Agency**



**Tu'u'u Dr. I Taule'alo**  
**CEO, Ministry of Natural Resources, Environment and Meteorology**

**13. Date: 11 August 2006**