SOUTH PACIFIC APPLIED GEOSCIENCE COMMISSION
&
WORLD HEALTH ORGANIZATION

WATER SAFETY PLANS
COOK ISLANDS SCOPING MISSION

WRAP-UP MEETING
9.00am, Friday 07 April 2006
Dept. of Water Works conference room
Possible next steps:

1. Commitment & formal request
2. National Steering Committee mobilization
3. Draft Project Design
4. System Description using WSP Worksheets
5. Risk Management Training and Planning Workshop
Possible Project Structure: Functional

WHO / SOPAC & NZ Experts

Ministry of Works

Cook Is. WSP National Task Force/Steering Committee
Chaired by: MoW
Representatives of key Agencies
Meet Quarterly

Project Management Group
Chaired by: MoW, DWW
Co-chair: NES, MoH, NGO
Team Leaders of each working group
Meet Monthly

Working Group
Catchment Management – NES, DWW

Working Group
Water Quality Management – Pub. Health, DWW

Working Group
Water Supply Management - DWW

Community / Household WSPs
NGOs, Pub. Health, DWW
### Water Safety Plan steps & timetable:

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<th>Activity</th>
<th>2006</th>
<th>Months</th>
<th>2007</th>
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<tr>
<td>Forming a Steering Committee</td>
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<td>System description and analysis</td>
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<tr>
<td>Training / Planning workshop</td>
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<td>Development of Tools &amp; activities</td>
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<td>System Risk Assessment</td>
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<td>Water Safety Plan</td>
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<td>Evaluation &amp; Verification</td>
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Risk Assessment & Management Workshop and Planning

Workshop Schedule: Prep. day, 3 days training, 1 day planning, wrap-up day

Dates: late July (before 28\textsuperscript{th} July, after 04 August), early August

Training 3-Days

Participants: Ben, Adrian Aitutaki W. W. (funded under project) and Key DWW personnel, and possible members of each working groups, observers (NGOs)

Venue: MoW conf. Room (TBC) - DWW & SOPAC

Programme: TBC – DWW & SOPAC

Budget: TBC – DWW & SOPAC

Planning 1-Day

Venue: MoW conf. Room (TBC) - DWW & SOPAC

Programme: TBC – DWW & SOPAC

Budget: TBC – DWW & SOPAC
Draft Project Design

Rarotonga Reticulated Supply

Follow 6-step process (approx. 6 months)

Inputs: Staff Training (‘Train the Trainers’ – for replicability in-country)

Experts

Objectives: Train DWW staff as WSP trainers

- Replicability of WSPs in-country (both reticulated & household)
- Improve drinking water quality & reliability
- Long-term target – drinkable water supply
- Stimulate donor response to capital improvements needed for drinkable water

Note: WSP is to keep safe water safe at all times. Reality different in Cooks. Risk Management approach could apply to keeping safe quantity of water supply.
Draft Project Design

Rarotonga Reticulated Supply

**Outputs:** Train the Trainers Workshop on Risk Assessment & Management
In-house Capacity to train outer island staff on WSPs
Improve Quality of Drinking Water (Long-term target)
Documentary / Instruction Video (build on Adrian’s video)
Needed Capital Works identified and justified through WSPs
Inventory of Studies Reports, Plans etc *(already Done by DWW)*

**Area:** 12 intakes & catchments + distribution network

**Issues to note:** Rarotonga water not currently safe for drinking.

Note: WSP is to keep safe water safe at all times. Reality is different in Cooks. Risk Management approach could apply to keeping safe quantity of water supply.
Draft Project Design

Household/small systems WSPs

Inputs: Staff Training (‘Train the Trainers’ – for replicability in-country)
Experts

Objectives: Increased awareness on household treatment options & Mngt.

Area: Whole of Cook Islands (Rarotonga initially & outer islands long-term)
Development and testing of materials in selected communities

Issues to note: Concerns that outer islands be included, Resistance towards chlorination (not much information about Chlorination on outer islands)
**Draft Project Design**

**Household/small systems WSPs**

**Outputs:** Packages (toolkit) of IEC materials for community & households on

- Toolkit: H/H Rainwater Catchment Mngt. Kit, H2S Test Kit, Disinfection options (filters, UV/SODIS etc) – adapted as appropriate
- Draft minimum standards for Rainwater Catchment (incl. in building permits/donors etc)
- Documentary / Instruction Video *(build on Adrian’s video)* *(Target* Household; should have community examples)*
- Trained Trainers (DWW Officers, NGOs, PHIs)
Project Design

MoW – Lead Implementing Agency

Mobilize Steering Committee

Train the Trainers Workshop & Planning

Project Design Finalised

Developing a Risk Management Plan

- Risk Assessment & Management Training
  - Planning with Experts
    - System Description
      - System Risk Assessment
        - Risk Management Plan

Rarotonga Reticulated Supply

- Catchment Risk Management Plan
- Water Supply Risk Management Plan
- Water Quality Risk Management Plan

- Water Safety Plan(s)

Community / Household WSPs

- Community WSP Trainers
- Generic H/H Water Safety Plan(s)