SOUTH PACIFIC APPLIED GEOSCIENCE COMMISSION

&

WORLD HEALTH ORGANIZATION

WATER SAFETY PLANS

VANUATU SCOPING MISSION

WRAP-UP MEETING

8.00am, Tuesday 09 May 2006

Ministry of Lands conference room
Possible products and outputs:

- Establish a National WSP Framework / Standards (could be developed during Workshop)
- Rural WSP standards / guidelines (for easy replicability)
- Risk assessment / management system to ensure safe water
- Laboratory capacity (core functions) and coordination improved
- Key staff aware of SOP’s and risk management plan(s)
- Contingency / emergency procedures and/or plans established
- Support zoning of catchment (or catchment protection plan)
- Establish H2S test production / recycling arrangements
- Response for Volcano affected communities
- Community awareness package incl. H2S and Sanitary Surveys, proper hygiene & sanitation
- School programmes and informal education in WSP activities e.g. in school curriculum

Mitesh Mudaliar, WHO, SP
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

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Experts

Luganville WSP

Experts

Rural Community & Household WSPs
Possible Project Structure: Functional

WHO/SOPAC Team

Dept. of Geology, Mines and Water Res.

Nat. Water Resource Management Advisory Committee

Rural – village/household

Developing community tools and promote sanitary practices e.g. boiling

NGOs & Community Reps
Rural Water Supply
Dept. of Public Health

Urban - Luganville

Develop and establish risk assessment and management system

Luganville Water Resource Advisory Committee

Catchment Management
Water Supply Management
Water Quality Monitoring

Dept. of Geology, Mines & Water Resources
Dept. of Public Works
Min. of Health / Council

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## Water Safety Plan steps & timetable:

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<td><strong>System description and analysis</strong></td>
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<td><strong>Training/Planning workshop</strong></td>
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<td><strong>Development of Tools &amp; activities</strong></td>
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<td><strong>System Risk Assessment</strong></td>
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<td><strong>Evaluation &amp; Verification</strong></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 August or early September (last 2 wks of September and first wk of October - commitment)

Training 3-Days

Participants: DGMWR key staff, MoH key staff, Public Works Department and UNELCO

Observers: NGOs

Venue: Port Vila or Luganville

Programme: TBC – DGMWR & SOPAC

Budget: TBC – DGMWR & SOPAC

Planning 1-Day

Venue: ?? TBC - DGMWR & SOPAC

Programme: TBC – DGMWR & SOPAC

Budget: TBC – DGMWR & SOPAC

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Draft Project Design

Urban Water Supply

Follow 6-step process (approx. 6 months)

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

Experts

Objectives: Train DGMWR staff as WSP trainers

  Replicability of WSPs in-country (both urban & rural)
  Improve drinking water quality & reliability

Long-term target –

  Stimulate donor response to capital improvements needed for drinkable water

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Draft Project Design

Urban Water Supply

Outputs: Train the Trainers Workshop on Risk Assessment & Management

- In-house Capacity to train other rural / outer island staff/partners on WSPs
- Improve Quality of Drinking Water
- Documentary / Instruction Video
- Needed Capital Works identified and justified through WSPs
- Inventory of Studies Reports, Plans etc

Area: Luganville Catchment (and Tagabe River Catchment)

Issues to note: WSP on existing site – need to fill some gaps in information

Mitesh Mudaliar, WHO, SP
Draft Project Design

**Rural / Household / small system WSPs**

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

**Experts**

**Objectives:** Establish rural WSP standards

- Improve drinking water quality in rural areas
- Increase community awareness on drinking water issues

**Area:** Whole of Vanuatu (Efate initially & other islands long-term)

- Development and testing of materials in selected communities

**Issues to note:** Volcano Affected areas/communities

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Draft Project Design

Household/small systems WSPs

**Outputs:** National Framework / Plan / Standards for rural WSPs

- 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 (with focus on Vanuatu rural communities)
  - Trained Trainers (DGMWR Officers, NGOs, EHOs)

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Draft Project Design:

Vanuatu


Developing a Risk Management Plan

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

DGMWR – Lead Implementing Agency

Mobilize Steering Committee

Train the Trainers Workshop & Planning

Project Design Finalised

Luganville Reticulated Supply

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

Community / Household WSPs

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

Water Safety Plan(s)

Community WSP Trainers

Generic H/H Water Safety Plan(s)

National Framework

- System Description
- System Risk Assessment
- Risk Management Plan

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