



Samoa Independent Water Schemes Association

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- Established in 2008
- Currently there are 54 villages under the IWSA
- Support 10% of the population (Total population 26,514)
- Village water committees are responsible for the overall operations and maintenance of their water networks.
- No centralised treatment of their systems.



EU Project 2020-2022
Development and
Implementation of Drinking
Water Safety Plans



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Drinking Water Safety Plan – Key Focus Areas

Governance

The enforcement of water related by-laws

- At least a 200m reserve around the area of the intake and upstream of water source.
- Water fees that must be paid by each household to the WC.
- No trespassing zone around the intake (except the water committee).
- The water committee is solely responsible for the operation and maintenance of all assets within the water network.



Catchment and Intake

- Understanding the characteristics of the catchment.
- Encourage tree-planting activities
- Fencing off the intake
- 20m buffer zone
- Discourage use of pesticides in the immediate catchment area



Network and Assets

- Understanding the Network
- Regular Operations and Preventative Maintenance by Water Committee
- Asset Registry
- Collect water fees to conduct O&M activities and upgrade system
- Plumbing Training



Treatment

- Boil all drinking water
- Improve hygiene
- Invest in rain-gutters
- Encourage rainwater harvesting
- Use household filters



Challenges

- Ongoing community engagement
- Lack of resources
- Ongoing capacity building needed
- Record keeping



Lessons

- Ensure community involvement throughout the entire DWSP process
- Develop a short-simplified version of the DWSP for village community reps in the DWSP Team
- Include capacity building training for the community.
- Involve potential donors during DWSP workshops

