

Water Project 2017



Hands Helping Haiti Water Project
Dlo pwop se lavi — bwe dlo pwop

The Current Situation Need

- 2.1 Billion lack access to safe, readily available water at home
- 4.5 Billion lack safely managed sanitation



World Health Organization/UNICEF Joint
Monitoring Program 2017



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“Unless we meet the millennium water and sanitation targets, no other development targets can be met.”

- Michael Camdessus, Former Managing Director, International Monetary Fund



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Safe drinking water is not available in Haiti for most children and families—causing illnesses, diseases, malnutrition and death.



Hands Helping Haiti Water Project



Our mission is to help our sisters and brothers in Haiti obtain safe drinking water to help break the cycle of poverty.



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Background Data

The Medical Experience



2010 Earthquake
2008 Hurricane



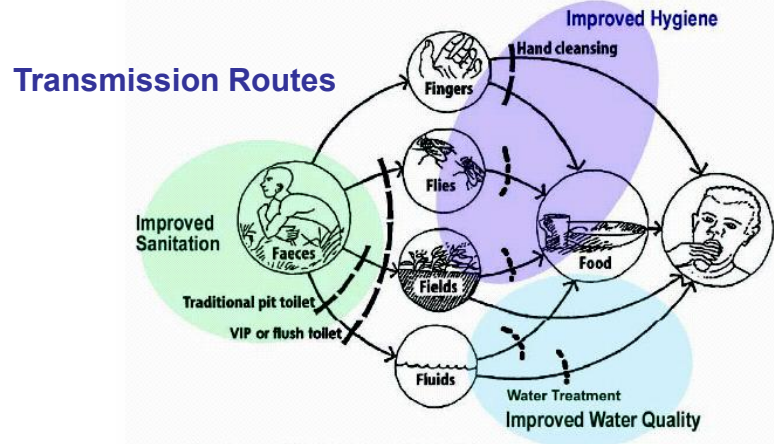
2009 Pocket Survey

Strategy 1 – Water and Sanitation Awareness



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Clean water is life – drink clean water

Engineering Fundamentals



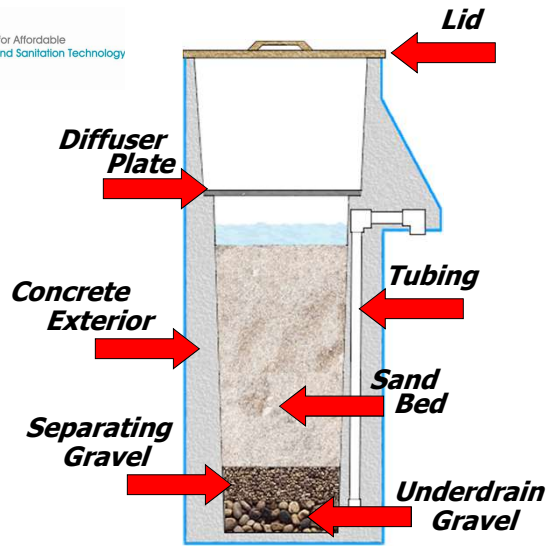
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Strategy 2 – Household Filters

- Local Materials
- Self Help
- Low Cost
- Sustainable



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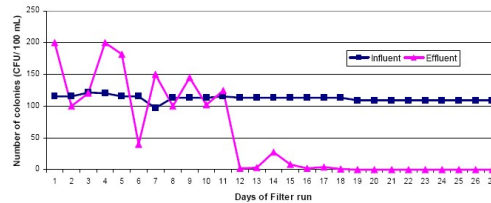


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Establishing the Biolayer



Comparison of Concentration of Total Coliforms for Influent Source Water and Effluent from Biosand Filter over 4 Weeks



Source: Sharma, D. Masters Thesis Kathmandu University (2005)



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Strategy 3 - Filter Production

- Sieve sand and gravel from local river.
- Portland and wood lids available locally.



Production



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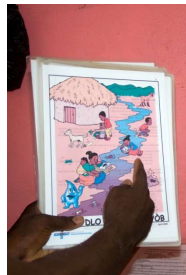
Installation



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Strategy 4 – Water and Sanitation Education

- Individual during filter installation.
- Adult education at Schools.
- Training at Clinics
- Regular Visits from Health Promoter



Project Status

- 2,300+ Filters Installed, Over 20,000 People Now Have Access to Clean Water.
- Networking and raising awareness on water and sanitation issues;
- Working village by village to spread hygiene knowledge;
- Building biosand filters with local Haitian materials (99%);
- Installing at least 45 filters per month in homes;
- Providing education during installation and follow-up service;
- Providing long term monitoring and troubleshooting; and
- Providing a successful Haitian business which is sustainable, and technically and financially accountable.



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2017 Goals:

- Install 500+ filters.
- Begin filter installation in 5 new villages.
- Expand service to NGO's.
- Train 5 community health promoters in the Southeast Province.
- Train 2 new filter technicians.
- Assist Jacmel Rotary with Lavanau Water System



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What Can You Do?

Volunteer,
Donate a filter,
Help Fundraise,
Visit –

www.haitiwaterproject.org



Thank you for
Clean Water!



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