When ODF is Not Enough: Using the Small Doable Actions Approach to Complement CLTS in Southwest Bangladesh

Muhammad Faruqe Hussain*
Julia Rosenbaum*
Selina Ferdous^
Khairul Islam^

* FHI 360  ^ WaterAid

October 3, 2015
Dhaka, Bangladesh
Goal: Improve water, sanitation, and hygiene (WASH) in the hard-to-reach areas of Southwestern Bangladesh

1. **To Improve access** to safe drinking water, improved sanitation, and hygiene practices of poor and marginalized people in four upazilas

2. **To build local capacity** to mobilize community to ensure sustained water and sanitation facilities

3. **To strengthen the evidence and programming guidance** for WASH-nutrition programming in Bangladesh

**Contributing to the GoB effort to reach its 2015 MDG target to ensure all people have access to safe water and improved sanitation services**
What is WASHplus

• USAID’s mechanism for supporting global and country-level environmental health programming
• Safe and sufficient water, hygiene, and sanitation practice in homes and institutions
• Plus – improved indoor air quality through use of improved cookstoves and habits
• In Bangladesh, WASHplus is a 4-year USAID activity with WaterAid as the primary implementing partner, working through partner NGOs
• FHI360 leads objective 3, and provides overarching guidance in behavior change working with USAID nutrition partners
Bhola - Char Fasson - Daulatkhan
Patuakhali - Galachipa - Kalapara
Satkhira - Shyamnagar

Target population: 270,000
Project Period: 2012-2015
## Sanitation situation

<table>
<thead>
<tr>
<th>Indicators</th>
<th>WASHplus</th>
<th>National Hyg. Base. Survey</th>
</tr>
</thead>
<tbody>
<tr>
<td>Defecate in open place or bushes</td>
<td>4%</td>
<td>~2%</td>
</tr>
<tr>
<td>Households defecate in some kind of latrine</td>
<td>96%</td>
<td>N/A</td>
</tr>
<tr>
<td>Households having access to improved* sanitation facilities/latrines</td>
<td>10%</td>
<td>47%</td>
</tr>
<tr>
<td>Households experiencing regular flooding and/or tidal surges</td>
<td>35%</td>
<td>N/A</td>
</tr>
<tr>
<td>Households defecate in the open when their sanitation facility is flooded (of those experiencing flooding)</td>
<td>38%</td>
<td>N/A</td>
</tr>
</tbody>
</table>

* Improved sanitation facilities are likely to ensure hygienic separation of human excreta from human contact.
Sanitation facilities
Do we need anything in these slabs?
Latrine condition

- Lined pit with concrete rings
- Concrete Slab
- Good superstructure
- Water seal
Small Doable Action Approach
Small Doable Action Approach

- Construct a continuum
- Identify feasible incremental steps that move people from a current practice toward the ideal practice
- Identify existing hygiene and sanitation good practices to be reinforced or modified
- Identify practices to be improved and negotiate the options with family member
• Identify, promote and facilitate improved behaviors that....
  - Have significant **positive impact** on health
  - Are **feasible** to achieve, (people both willing and able to make changes)

• **Conduct Behavior Analysis**
  - Documents actual
  - Explores the desired
  - Identifies Feasible

• **Use research to identify motivators & barriers**
  - Searches for what’s ‘fun, easy and popular’
• Use of SaTo pans (built-in water seal)
• Strengthened local entrepreneurs to provide small scale production and SALE of sanitation products
• Coordinate with CLTS triggering and CDF follow up
Example of SDA: Sand Envelopment

Raise the plinth putting soil around the pit

Stacking soil around the pit and build up stair cases to ease access

Seal the spaces between rings by cement and sand
Children’s feces
Is ODF enough??

Don’t worry! That’s just for adults
Percentage of children aged under 3 by household’s type of sanitation Facility, Bangladesh

- Left in the open, 36%
- Put/rinsed into drain or ditch, 22%
- Thrown into garbage (solid waste), 11%
- Other, 8%
- Child used toilet/latrine & household (HH) uses improved sanitation, 1%
- Child feces put/rinsed into toilet/latrine & HH used improved sanitation, 10%
- Child used toilet/latrine but HH used unimproved sanitation, 1%
- Child feces put/rinsed into toilet/latrine but HH used unimproved sanitation, 12%
- Thrown into garbage, 11%
- Put/rinsed into drain or ditch, 22%

Note: Although it looks like the large bracket should add to 24%, this is due to rounding
- Even among households with improved sanitation, the feces of more than half of children is not safely disposed.

- Almost all children living in households practicing open defecation have unsafe feces disposal.

- Younger children’s feces are more likely to be left in the open.

- Poorer children’s feces are even more likely to be left in the open than those better off.
Develop Small Doable Actions for Safely Disposing of Child Feces *(by age cohort-infant, toddler, under 5s)*

Incorporate those into safe feces SDAs in CLTS WASH and nutrition activities
Document CURRENT household practices for handling child feces by age cohort.

- Prioritize riskiest of practices
- Work with mothers to identify a few ‘small doable actions’ for each of these risky behaviors that will make it easier for mothers to manage child feces, but that still get them out of the environment.
- Test these with mothers, over time, for effectiveness and feasibility
## Example of SDA: Safe child feces disposal

<table>
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<tr>
<th>Age Cohort</th>
<th>Current Practices</th>
<th>Possible Small Doable Actions to promote</th>
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</table>
| Crawling baby       | - When caretaker knows infant is about to poop, she stands the infant up to poop on ground  
| (under 1 year)      |   - Then uses paper or leaves to transfer into ditch                                                   | - Let child poop where he/she poops  
|                     | - Children often with older siblings or on their own                                                   |   | Use the trowel/hoe, take it to the latrine  
|                     |   - Poops anywhere                                                                                   |   | Socialize child to potty training  
|                     |   - Caretaker cleans up when she sees or when cleaning the courtyard                                  |   | Sit the child on the potty (even when not pooping)  
|                     |   - Throw in ditch, anywhere out of sight, or in household garbage                                   |   | Train child to use latrine  
| Young child         | - Train child to use latrine                                                                         |   | Make latrine more “child-friendly”  
| 3-6 years           |   - Control smell with ash and regular cleaning                                                       |   | - Control smell with ash and regular cleaning  
|                     |   - Pour sufficient water to flush feces                                                              |   | - Pour sufficient water to flush feces  
|                     |   - Clean slab at least weekly or when feces are visible                                               |   | - Clean slab at least weekly or when feces are visible  
|                     |   - Arrange doorway or superstructure for light                                                        |   | - Arrange doorway or superstructure for light  
|                     |   - Install handrails to increase stability/security                                                    |   | - Install handrails to increase stability/security  
|                     |   - Make a seat placed over the hole                                                                   |   | - Make a seat placed over the hole  
|                     |   - Accompany child, keep door open, and communicate with child while pooping                         |   | - Accompany child, keep door open, and communicate with child while pooping  
|                     |   - Install a child-friendly footrest in the latrine                                                   |   | (congratulate or reward them)  
|                     |   - Make a latrine with smaller hole to reduce fear                                                   |   | - Install a child-friendly footrest in the latrine  
|                     |                                                                                                       |   | - Make a latrine with smaller hole to reduce fear  

Current WASHplus work with nutrition partners, PNGOs and CDF to focus on infant feces disposal

- All feces ends up in latrines
  - Poo’s final address

- Role of
  - Enabling products and service
  - Social norms
  - Perception of risk

- Job Aids to promote small doable actions by age cohort
  - SDAs by age w slogan
  - Essential WASH Actions
  - Handwashing devices
Conclusions

- Small doable actions were effective to change feces disposal behaviors
- The approach can be coupled with ‘triggering’ to end unsafe disposal of human feces
- Small doable actions identifies ‘feasible’ behaviors to be improved, not the ideal one
- Sanitation interventions can use the approach to bring sanitation health benefits of the communities
Acknowledgments

- Community members
- Local government representatives
- School authorities
- Program staff
- USAID - generous funding support

http://www.washplus.org/bangladesh-behavior-change-training-materials
http://www.washplus.org/countries/bangladesh