

UNICEF supported DPHE WASH Response Program for
Chattogram Division Flash Flood and Land Slides_2023

ACTIVITY REPORT

The flash floods that affected the districts of Bandarban, Rangamati, Chattagram, and Coxbazar in Bangladesh in August 2023 had a significant impact on the lives of the people living there.

With **2.4 million people exposed** and **1.3 million affected** by the floods, the damage to water sources and sanitation facilities led to a severe crisis. The lack of safe drinking water and proper sanitation facilities increased the risk of waterborne diseases like diarrhea and dysentery among the flood-affected people.



Recognizing the urgency of the situation, the Department of Public Health Engineering (DPHE), with support from UNICEF, undertook emergency measures to provide safe drinking water and sanitation facilities to the affected people. This swift response was crucial in mitigating the health risks associated with the flood and preventing the outbreak of waterborne diseases.

It's commendable that organizations like UNICEF and DPHE are taking prompt action in such situations to ensure the well-being of the affected people. Their efforts highlight the importance of having robust disaster management strategies in place to effectively respond to such emergencies.

For the projects, we begin by visiting the flood-affected areas to assess the situation on the ground and talk to public representatives and victims. This initial assessment helps us understand the immediate needs and gather firsthand information. Following this, we convene a meeting with the Watson Committee for a detailed discussion and to request a site list. This list is then prepared and finalized in the presence of representatives from UNICEF and Green Gill NGOs to ensure transparency and collaboration.



For the DSP with Submersible Pump (DTW), after finalizing the site list, we implement the plan accordingly, ensuring that submersible pumps are installed at the identified locations. The water from these pumps is tested and handed over to the supervisor to ensure it meets safety standards



In the construction of Flood Resilient Twin Pit Latrines, a similar process is followed. After ground assessment and finalizing the site list with the Watson Committee and NGOs, the latrines are constructed according to the flood-resilient design. Water testing and handing over to the supervisor mark the completion of this task.



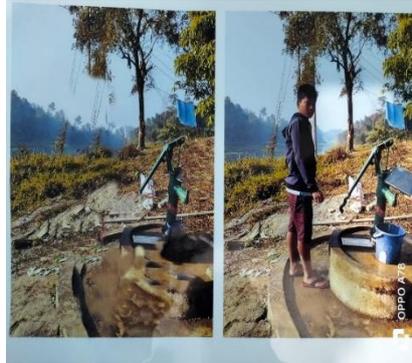
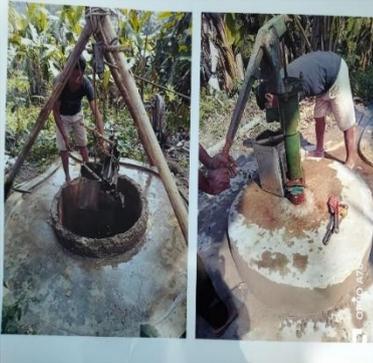
The Community-Based Pipe Water Supply project follows the same initial steps. After finalizing the site list, the pipe water supply system is implemented in the specified locations. The final water testing ensures that the system provides safe drinking water, and the supervisor takes over for ongoing management.



For G.F.S Repair, DPHE organizes an emergency meeting of the Upazila Watson Committee immediately after the flood. The committee provides a list of GFS affected by the flood, and based on this list, we finalize the sites and carry out the necessary repair work.



Ring Well Repair also starts with an on-ground assessment followed by discussions with public representatives and victims. The site list is finalized with input from UNICEF and Green Gill NGOs, and the repair work is implemented as planned. Final water testing and supervision handover ensure that the repaired wells are safe for use.



Each project is meticulously planned and executed, ensuring community involvement and adherence to safety standards. However, it's also important to focus on long-term solutions like improving infrastructure and implementing early warning systems to minimize the impact of such disasters in the future. Climate change is expected to increase the frequency and intensity of extreme weather events like floods, making it even more crucial to invest in these areas.

Name of Activities	Allocation (No.)	Bandarban	Rangamati	Chattogram	Cox's bazar	Remarks
Deep tube wells (with Hand Pump)	50				50 nos are complete	Procurement of Works has been done through Open Tendering Method from the district level through the DPHE executive Engineer as procuring entity. All the work is ongoing under 21 packages in 16 upazilla of 4 districts. The current progress is 100% and 100% bill of all packages have been paid. In accordance with government rules, the procurement and collection of goods should be conducted using the e-GP method.
Deep tube wells (with Deep Set Hand Pump, DSP)	200	200 nos are complete out of 200				
Deep tube wells (with Submersible Pump)	185		95 nos are complete out of 95	85 nos are complete out of 85	5 nos are complete out of 5	
Water networks (Community piped water supply)	20	10 nos are complete out of 10	5 nos are complete out of 5	5 nos are complete out of 5		
Repair and Rehabilitation of Gravity flow systems	30	22 nos are complete out of 22	8 nos are complete out of 8			
Repair and Rehabilitation of Ring Well	168	138 are complete out of 138	30 nos are complete out of 30			
Construct new latrines to safely contain wastewater ensuring their climate resilience to replace destroyed sanitation facilities	300	180 nos are complete out of 180	70 nos are complete out of 70	30 nos are complete out of 30	30 nos are complete out of 30	
Coordination meetings; beneficiary selection; Progress review and other meetings	12	4	2	2	4	
Design climate resilience WASH intervention, Drafting, Monitoring & Field visit for project Implementation, reporting from Upazila, District and Circle, other program implementation cost and miscellaneous	LS	Design for climate resilience WASH intervention completed, monitoring & field visit for project implementation and meeting is completed, tender related and miscellaneous activities are completed.				

Here are some pictures of the Engineer-in-Charge's visits and activities



Twin Pit Toilet



Discussion with Benefited People



Water networks



Gravity Flow System



Ring Well