

Bangladesh Cyclone SIDR, WASH cluster.

Status and location of water treatment units and accompanying overview analysis

As of 30/11/07

Overview analysis

Many water treatment units have been brought into country and the table below indicates known locations and status of proposals to bring in additional units. At this stage there is no understanding of whether units are working to full or close to optimum capacity (see note at bottom) , nor how long it is envisaged each unit will run for. Agencies responsible for running these units should provide information on this. From the information available it is hard to say whether any of these units are located too close to each other such that there is an overlap in potential supply areas. At this stage we are not able to determine whether there are locations in which units might be better located to serve acute water shortages, though the assessment from UNICEF and other organization should assist in this. Further analysis will be forthcoming in the following days and proposed plan of action developed which should include how long these units should be run for. Optimum locations of units will in part be determined by positioning of Bangladesh/US navy vessels and their capacity to deliver water and the duration they intend to supply water for. For example the Bangladesh navy currently has a barge capacity, believed to be around MT480, positioned near to and supplying water to some of the 20,000-25,000 men living on Dublar char and these needs appear to be addressed. However at the moment the WASH cluster has no direct link with the military forces.

Surface Water treatment plants (non saline capable)	No Units capacity*	Estimate amount of water being USED each day	District Location	Upazila	Union/village	Notes
DPHE	4 units at 2m3/hr		Bagarhat district:	Moreganj and Sharankhola - 2 unit in each upazila		
DPHE	3 units at 2m3/hr		Barguna District:	Patharghata - 2 units and Barguna - 1 unit		

DPHE	3 units at 2m3/hr		Pirozpur district:	Matbaria - 2 units and Bhandaria - 1 unit		
SC alliance,	1LMS unit at 10m3/hr		Borguna	Borguna Sadar	Located at Amtoli (Amtoli School) in Borguna Union	Water covering; Amtoli Union, .Baliatoli Union Units provided by USAID
SC alliance,	1 LMS unit at 10m3/hr		Borguna	Patharghata	Located at Zianpara Para (Khalifarhat Courasta) in Charduani union	Water supply covering; Bolleswar, Charduani, Tapalbaria, South Zianpara, Embank of Bolleswar River, Zianpara Khalifarhat Units provided by USAID
SC alliance,	1 LMS unit at 10m3/hr		Patuakhali	Kalapara	Located at Umedpur in Nilganj union.	Water supply covering; Jalalpur, Akkelpur, Hajipur, Sadarpur, Hakimpur Umwedpur, Laskarbari, Krishtan para Units provided by USAID
Care	1 LMS unit at 10m3/hr		Borguna	Patharghata	Kthaltloy	Units provided by USAID
Care	1 LMS unit at 10m3/hr		Pirozpur district	Matbaria	Sablenja area in paurasava union	Units provided by USAID
Care	1 LMS unit at 10m3/hr		Bagarhat district	Moreganj	Nissanbaria	Units provided by USAID
Care	1 LMS unit at 10m3/hr		Bagarhat district	Moreganj	Baloibunia	Units provided by USAID
Care	x LMS unit at 10m3/hr					Further units arriving but not yet deployed Units provided by USAID
Muslim Aid,	1 unit at 6m3/hr		Barguna District:	Sarankhola		

Norwegian Church Aid	1 unit??		??	??		??
Solidaritie,						No units in country but being considered in proposal
Aqua assistance (part Lyonaise D'Eau	??					No direct contact with Lyonaise D'eau, only unconfirmed report about this
RO units, able to treat saline water						
UNICEF						No units in country but proposal under consideration for 10 units if funding forthcoming
US military						1 or 2 units on board US military vessels. Not yet deployed as no clear need identified

*** Please note:** all water treatment units capacity rating as defined in m³/hr is a notional maximum rating from manufacturers. Actual water provided by these units that can be used is likely to be much less, depending upon the following information; how many users there are who have jerry cans who can collect water from the system, how many hours in a 24 hour period the units are run for, how much the actual units can produce given the specific raw water conditions which if highly turbid will be much less. Actual production usage should be furnished by agencies that are running the units.