



Gaza WASH Cluster

Response Framework and Plan to Summer 2018

Objective of the response would be to address the basic water, sanitation and hygiene needs to avoid outbreak of water-borne and water related diseases in the summer 2018.

WASH cluster partner agencies to get/seek **technical support** for any particular intervention from the designated authorities (PWA & CMWU) during the project formulation.

Although the WASH Cluster has noted that the total population of Gaza, or 1.4 million people are receiving limited quantities of water and sanitation services.

To support WASH infrastructure functions, WASH Cluster continue to coordinate with Palestinian Water Authority (PWA) and Coastal Municipalities Water Utility (CMWU). Given the facts of electricity crisis, economic deterioration where 10-20% of collection efficiency rate and service providers limitation to cover minimum O&M costs due to lack of O&M funding agreements with CMWU, the Cluster prioritize WASH response to critical O&M needs in order to sustain minimum services of water and wastewater.

WASH cluster continues to coordinate emergency fuel supply that UNRWA is delivering to approximately 130 critical/lifesaving WASH installation.

The WASH has distinguished the impact bared by the WASH sector to two different levels and plan the summer response framework accordingly.

A – Support to Service Provider

Service providers have limited resources to cope with the caseload of necessary water and sanitation repairs as well as to maintain water and wastewater daily operations. The following are the reasons for service interruptions:

- I. Electricity and fuel shortages to operate 450 WASH facilities
- II. CMWU spare parts and consumables resources has been extensively used to operate and maintain water and sanitation.
- III. Materials entry obstacles to operate and upgrade water and wastewater installations.

Type of Activity	Who Coordinates	What For	Who support
1. Fuel, in the absence of electricity 200,000- 400,000 liters/month	WASH Cluster OCHA coordinate fuel dis to hospitals and solid waste with WHO and UNRWA	Fuel distribution	UNRWA contractor CMWU MoG
2. Support CMWU and Gaza Municipalities with essential Summer response related	CMWU PWA WASH Cluster	O&M of water and wastewater installations	CMWU Unicef ICRC

materials and equipment's (Generators, spare parts and consumables) and critical water and wastewater O&M			World Bank
3. Consumables chlorine and other water disinfection materials		Supply safe water to communities	CMWU World Bank Unicef
4. Support materials entry to water and wastewater	PWA CMWU WASH Cluster		WASH Cluster OCHA and UNSCO

To support service provider to prevent, prepare, and respond to the most urgent and immediate summer needs of critical/lifesaving WASH facilities, and to avoid operation and maintenance interruption which would have an adverse public health impact on Gaza's entire population.

The following key activities are considered a **TOP** summarization priority:

- Procure and supply sodium hypochlorite solution and chlorinators for urgent disinfection of water produced by water wells and pumped into distribution networks, in addition to chlorine dosing pumps (chlorinators) and its associated spare parts, electronic residual chlorine testers, and water testing kits and reagents.
- Procure and supply chemicals for water treatment in desalination plants (antiscalant, caustic soda, HCL acid, and citric acid)
- Procure and supply spare parts and consumables as well as repair electric power supply generators for key water and wastewater installations.
- Local Electrical stabilizers required to electrical power voltage and characteristics supplied from the Grid lines to match with motor drives electrical requirements.
- Procure and supply fittings and accessories for water networks and carrier lines emergency and regular repairs.
- Procure and supply fittings and accessories for water chlorination systems including provisional systems required to chlorinate effluent wastes water in order to reduce pathogens contamination of sea water at the location of outfalls and their surroundings.
- Well-equipped mobile electromechanical workshop and networks repair workshops.
- Carry out all critical electromechanical repairs, maintenance works and procurement of materials and spare parts required for water wells, booster stations and desalination plants, wastewater pumping and treatment facilities, as well as heavy machinery repairs.

B – Community and Household (HH) Level

In anticipation of a harsh warm weather in Gaza Strip, WASH cluster partners (Area Focal Points) to conduct rapid assessment in order to identify most vulnerable people. Upon OCHA call, an emergency team including WASH Cluster coordinator and respective area focal point will be deployed to the field to carry out initial information gathering to identify priority needs and actions. WASH Cluster partners to use the below template to report summarization needs/activities.

Type of Activity	Location	Neighborhood	Target (community and HH)	By who	People in needs	People targeted
1. Last resort of trucking potable water ¹						
2. Last resort of trucking non-potable water ²						
3. Bulk storage tanks ³						
4. HH storage, jerry cans ⁴						
5. Hygiene kits						
6. Hygiene promotion, flyers, etc. Lice and scabies						
7. Water and hygiene vouchers						
8. Sanitary and hygiene installations, showers, etc.						
9. Bladders, water, distributions points						
10. Other (specify)						

1 Standard 5 l/c/d as per PWA regulations

2 Standard 60 l/c/d as per water trucking working group beneficiary selection criteria

3 1000 L/HH, < 5000 L/ TDS, 250 L/HH for potable water as per water trucking working group recommended response

4 18 L as per available jerry cans capacity in the local market

Planning time frame

Summer starts by mid-June- three months' time frame:

- a) April: Identification of needs, risks and response framework
- b) May-September: WASH agencies response

Main criteria to consider in our response

- Strengthen community water-sanitation committees in operation, maintenance, and management of water supply and sanitation systems.
- Strengthen the partnership with the Palestinian civil society organization and the water and wastewater service provider and regulators. In HPC 2018, this is considered as one of the prioritization criteria.
- Strengthen the cooperation of WASH Cluster and Shelter Cluster to response in areas of potential overlap
- Target the most vulnerable in the affected areas, especially female-, elderly-headed households, widows, families with more than five children of school age.
- Provide WASH-related NFIs including soap, and culturally acceptable sanitary items to those living on deteriorated hygienic environment
- Support community-based hygiene promotion.

Thematic Focus

- Focus on water quality deteriorated areas where access clean to safe water is limited, and continue supporting the identified localities and communities until sustainable alternatives introduce

- Target those localities and communities where poor water quality is supplied from private vendors.
- Ensure sufficient access to and storage of adequate water quantities to households
- Focus on areas where there no/limited wastewater infrastructure coverage