

WASH SECTOR INTER-AGENCY NATIONAL LEVEL WORKING GROUP FOR GREECE

MINIMUM STANDARDS

The WASH Sector Inter-Agency National-Level Working Group recommends that a comprehensive and timely WASH package is provided at all sites. Whenever possible it recommends that a single agency takes responsibility for delivering the full package to maximise efficiency and on-site coordination with other sectors, in particular Health, Food and Shelter. The WASH agency must ensure that funds, capacity and expertise are available to deliver minimum WASH standards against assessed WASH needs.

A comprehensive WASH package includes water supply, excreta disposal facilities, run-off water management, solid waste management, operation and maintenance, cleaning, and hygiene promotion. It is recognised that without the provision of WASH hardware facilities it is unrealistic to successfully meet minimum standards in hygiene.

1. EXCRETA DISPOSAL/TOILETS		
RATIOS 1:20 where possible but no less than 1:50 1:500 everywhere for disabled toilets Minimum distance from users: 50m		
HARDWARE OPTIONS/CONSIDERATIONS <ul style="list-style-type: none"> • Chemical toilets (Western sit or Turkish squat type) – Turkish squat type always preferable if available. • UNHCR WASH Containers (5 toilets per container). • UNHCR Disabled Toilet Containers (1 seat per Container). • Other WASH Containers e.g. A21. • “Derveni” site style lightweight WASH containers (combined shower/WC) • Hard Construction. • Repair of existing in-building toilets. • Other excreta disposal technologies e.g. composting [not yet investigated]. 		
Essential	Desirable	Needs based
<ul style="list-style-type: none"> • Sewerage connection or on-site intact septic tank. • Desludging as needed (minimum of 1 desludging truck/40 toilet units) with easy access for desludging trucks. • Septic tanks to be lined and to comply with Greek laws. • Provide privacy. • Gender segregated spatially and with signage. • Illuminated internally and externally. • Locks/latches on individual doors. 	<ul style="list-style-type: none"> • Family segregated. • Desludging based on needs, emptying when $\frac{3}{4}$ full. • Wherever possible, separate grey and black water. 	<ul style="list-style-type: none"> • Consider physical orientation in strong winds (risk of doors blowing off) • Depending on location toilets and septic tanks should be at least 30m from groundwater sources and any

<ul style="list-style-type: none"> • Cleaning attendants (minimum 2 x/day, 1 per 10 units). • Be easy to clean. • Anal cleansing arrangements (hose, receptacle, toilet paper depending on option). • Handwashing facilities nearby. • Private i.e. any windows should open and close easily, be secure and translucent. • Small bins for sanitary items. • Heavy duty and vandal proof. • Twice-weekly checks on all the above issues by attendants. • For disabled/less mobile: ramps, hand rails, wider cubicles, elevated toilet seats, lower hand basins. 	<ul style="list-style-type: none"> • Separate treatment of grey water with grease traps whenever possible. 	<p>soak pits >1.5m above water table.</p>
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<p align="center">2. WATER SUPPLY</p>		
<p align="center">50 litres/person/day target Minimum distance from users: 100m Minimum number taps/person: 250 based on 7.5 litres/minute</p>		
<p>HARDWARE OPTIONS/CONSIDERATIONS</p> <ul style="list-style-type: none"> • Wherever possible a connection to a municipal supply should be made. • Be aware that any pour flush excreta disposal system needs an adequate water supply and this is reflected in the 50 l/p/d figure. • Handwashing facilities should be sited near toilets. • Involve the local community in all issues relating to water supply, especially during the summer months. 		
Essential	Desirable	Needs based
<ul style="list-style-type: none"> • Sufficient quantity for all purposes (drinking, personal hygiene, cooking, laundry, toilets). • Water quality testing done monthly by municipality or WASH actor, • If pH <8, FRC of 0.2-0.5mg/litre with 30 mins contact time. • Weekly residual chlorine check (sphere). 	<ul style="list-style-type: none"> • 24/7 access long term • Contingency storage for at least 24 hours supply is recommended 	

<p align="center">3. SHOWERS</p>
<p align="center">RATIO 1:40 1 male: 3 female Minimum distance from users: 50m</p>
<p>HARDWARE OPTIONS/CONSIDERATIONS</p>

<ul style="list-style-type: none"> • Shower cubicles in single units (like chemical toilets). • UNHCR WASH Containers (4 showers per container). • Other WASH Containers e.g. A21. • “Derveni” site style lightweight WASH containers (combined shower/WC). • Hard Construction. • Repair of existing in-building showers. 		
Essential	Desirable	Needs based
<ul style="list-style-type: none"> • Gender segregated spatially and with signage. • Provide privacy. • Illuminated internally and externally. • Locks/latches on individual doors. • Hooks inside for hanging clothes. • Cleaning attendants (minimum 2 x /day, 1 per 10 units). • Be easy to clean. • Hot water available. • Heavy duty and vandal proof. • Twice-weekly checks on all the above issues by attendants. • For disabled/less mobile: ramps, hand rails, wider cubicles, lower hand basins. 		<ul style="list-style-type: none"> • Hot water heating: consider options carefully (solar, diesel, electric)

4. LAUNDRY STATIONS		
RATIO 1:100		
Minimum distance from users:		
HARDWARE OPTIONS/CONSIDERATIONS		
Essential	Desirable	Needs based
<ul style="list-style-type: none"> • Sufficient water supply. • Sufficient drainage. • Shaded/roofing for sun/rain protection. • Drying area available. 	<ul style="list-style-type: none"> • Separate for single men. • Wind protection. • Hot water. 	

5. HYGIENE PROMOTION → HYGIENE WORKING GROUP		
RATIO 1:		
HARDWARE OPTIONS/CONSIDERATIONS		
Essential	Desirable	Needs based

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6. HYGIENE KITS → HYGIENE WORKING GROUP		
RATIO 1:		
HARDWARE OPTIONS/CONSIDERATIONS		
Essential	Desirable	Needs based

7. SOLID WASTE MANAGEMENT		
RATIOS 1:300 Communal bins (1000 litres) 1:10 Household bins (200 litres) Minimum distance from users for HH bins:		
HARDWARE OPTIONS/CONSIDERATIONS		
<ul style="list-style-type: none"> Separate bins for food and non-food 		
Essential	Desirable	Needs based
<ul style="list-style-type: none"> Household level bins for food and non-food. Communal bins for food and non-food. Emptying schedule for household bins (HH) (1/day). Emptying schedule of communal bins (1/week). Small bins in female toilets to aid with Menstrual Hygiene Management (MHM). Bins for disposal of baby diapers. Medical waste to be managed appropriately by health workers. Signage to discourage people from throwing waste into toilets and showers. 	<ul style="list-style-type: none"> Separated collection whenever possible. Recycling of plastic bottles. 	

8. COMMUNAL KITCHENS, FOOD STORAGE & HYGIENE → AS FOR CK STRATEGY WITH INPUTS FROM WASH, HYGIENE AND FOOD WORKING GROUPS PLEASE		
RATIO 1:		
HARDWARE OPTIONS/CONSIDERATIONS		

Essential	Desirable	Needs based

9. DRAINAGE & VECTOR CONTROL - this section needs more..		
RATIO 1:		
<p>HARDWARE OPTIONS/CONSIDERATIONS</p> <ul style="list-style-type: none"> • Drainage is specific to both individual facilities and the actual site • Measure and factor in ground permeability or run-off options at sites with hard-standing (Warehouses) • Vector control and drainage are often closely linked 		
Essential	Desirable	Needs based
<ul style="list-style-type: none"> • At all WASH facilities. • No standing water. • Digging tools available for trenching. 		