WASH WG North Greece

Meeting Notes – 16th September 2016

Agenda

1. Action point update from previous meeting
    - Hygiene promotion working group feedback
    - Quick updates from the National WASH working group
2. Organisational update on WASH issues in the camps – all sites
3. Continued discussions on winterisation planning in the camps (including WASH and Shelter crossovers) in camps
    - Winter shelter status and plans
    - Winter WASH status and plans
4. Any other business

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1. *Action point update from previous meeting*

Hygiene promotion working group feedback

- In many sites there are public health issues (Hepatitis A, B, etc). Hygiene campaigns are being organized.
- UNHCR asked the NGOs to inform them if there is need for cleaning items. UNHCR may be able to cover the cleaning materials gap. Inputs should be directed to UNHCR.
- The IRC uses two hygiene kiosks as focal points for hygiene promotion activities.
- Next Hygiene Promotion Working Group at the 3rd of October 2016. Location to be confirmed.

Quick update from the National WASH working group:

- A winterization NFI meeting was held on the 15th of September in Athens
- Organisations planning to distribute NFIs should coordinate with planned cash programming. Cash programs will provide a winter "top up" of around 100-200€/person.
- On the UNHCR website, the minimum standards of the winterization items, set by the National NFI working group can be found: http://data.unhcr.org/mediterranean/working_group.php?Page=Country&LocationId=83&Id=7
- Workers hired by the ministry of labour started working in some sites (Drama, Diavata, and probably N. Kavala) last week. Staff member include cleaners, technicians, teachers, guards, etc. The employees will work two shifts of eight hours for eight months. They do have not experience in these working environments and also they do not have equipment. All permanent sites will have working staff by the ministry. A ministry representative will supervise them. It is likely organizations will be asked to support in terms of supervision, materiass, and training.
- The IRC is looking to provide some minimum equipment to the workers. The IRC will not supervise the new staff but will work together if possible.

2. Organisational update on WASH issues in the camps – all sites

Derveni

- In Derveni there are no WASH activities
- If possible, a WASH actor should work in the camp as soon as possible
- Adra distributed anti-lice shampoo (also in Kalochori and SK market)

Oraiokastro

- There is not a WASH actor in site. No hygiene promotion activities are realised.
- NRC has a long lease contract till March 2017
- The ministry has not yet communicated any plans for the winter. The beneficiaries though will stay in the camp during winter and winterization plans are needed.
- UNHCR takes over the desludging of the camp on a short term basis.
- UNHCR is worried about Oraiokastro and will do assessment.
- NCA is not operational in N. Greece yet, but NRC asked to consider working in Oraiokastro. NCA may start the 1st of October. NRC is covering in the meantime.

Redestos

- IMC and UNHCR are stepping out of the site.

N.Kavala

- Samaritans Purse shall construct the drainage system of the site.
- Samaritans Purse placed some bins in the site and replaced the damaged ones.
- Samaritans Purse will construct shading areas to keep dry the food distribution area.
- The chlorine content is checked daily.

Serres

- There is not an active WASH actor in site.
- IOM is planning the placement of containers for sheltering
- ACA may help in WASH issues if necessary
- There is not active actor for WASH in sites.

Drama, Kavala

- There are not active WASH actors in site.

Veroia

- At the moment the population in site is 340 people.
- The condition of the site is ok.
- The IRC is the main WASH actor in the site and will start being active next week.
- There is talk about expanding the capacity of the site to accommodate 1000 people by installing containers. The site is currently not connected to the sewerage system and an increased capacity is not recommended.

Diavata

- Around 190 workers from the municipality started working last week.
- The IRC finished some SOWs for winterization. Plans include baby changing areas, covered washing points, and protected phone charging areas.

Cherso

- For the sheltering of the population, there might be placed containers, even though the camp is temporary.
- The IRC has prepared some plans for the winter. Site is meant to close in November 2016, however plans are still to be confirmed.

Giannitsa

- The camp is empty at the moment and is likely will remain closed.
- The IRC could move the WASH containers and equipment if necessary.

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3. Continued discussions on winterisation planning in the camps (including WASH and Shelter crossovers) in camps

Containers for sheltering

- The electrical, water and sewage networks are complex and the ministry has no budget for the connections.
- The ministry proposed the installation of sewage treatment plant in sites. Technically, this is possible but the solution is expensive. National WASH working group does not recommend the building of the plants because there is a national central sewage system that should be used under national planning.

Winterization plans

- The UNHCR is preparing an interactive map to describe the winterization plans (shelter and WASH).
- As WASH and Shelter are linked, the WASH actors should input their capacity for winterization. If any problems or difficulties occur in filling the matrix feel free to contact Natasha Sim (Natasha.sim@rescue.org) to fill the matrix with your input.
- The link for the matrix is the following:

https://docs.google.com/spreadsheets/d/1INk5lGilpXgOCPGZubE1Na5MK0jCKLEpHRfn8C7Bq2E/edit#gid=2123207665

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4. Any other business

- For hot water in the showers, the IRC considers that the most effective method to be the boilers. The SOW for the system and the room is attached to the present document.
- UNHCR shared the NFIs in stock. If there is need for items, please contact Fani from IOM.
- NRC is starting a program for education in SK Market, Oreokastro, Veroia and Alexandreia. WASH facilities in the schools should be provided. The WASH actors should coordinate on this.

Cash Program

- The program will be realised in at least 50% of the sites in Greece. The target is planned to cover 100% of the sites.
- For the North Greece the program will start simultaneously for all the camps.

- Some of the Cash actors are Mercy Corps, IFRC, IRC, CARE, Samaritans Purse, and CRS.
- The program may impact the NFI distributions because of possible duplication.
- The cash given is unconditional and distributed via VISA cards.
- The program aims to start at the end of October or early November 2016.

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5. Action Points

- Next WASH Working Group is in two weeks' time at 09:30, in the Ministry of Macedonia and Thrace.
- ***[All organisations/Deadline: 30/09]***
- HPWTG meeting
- ***[All organisations/Deadline: 03/09]***
- Minutes Document to be translated into Greek
- ***[IRC/Deadline: 21/09]***
- Filling in the winterization matrix
- ***[All organizations/Deadline: 20/09]***

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IRC

Scope of Work – Technical Analysis

Construction of Boiler room for Cherso and Diavata

The following technical analysis of work is designed to set the appropriate standards and the technical attributes for the construction the boiler rooms.

Activities and Services to be provided:
All the works must be done according to Greek Laws and Decrees, directives of Public Power Corporation, and regulations for the prevention of accidents.

Specifically:

- PD 778/1980 «Safety Measures for building construction works »
- PD 1396/1983 « Obligations for safety measures»
- PD 305/1996 «Minimum standards for health and safety in any construction site»
- GG 23-6-1936 « Regulations for internal water network installation »
- ELOT HD 384 « Regulations for Electrical installation »

Proposed Work:

- The actual size of the boiler room will be length: 3.50m, width: 3.50m, height: 2.40 m the lowest side and 2.90m the highest. (inside size)
- The metallic frame shall be constructed from square iron hollow beams 80X80X2 mm. There shall be a rectangular iron hollow beam horizontally for support at a high of 1.20 m above ground level.
- The frame connection shall be done with screws.
- The columns of the frame shall be based on concrete C16/20, dimension: 30x30x40 cm.
- External wall will consist of panel polyurethane wall covers with thickness 40 mm. The panels consist of two formed metal sheets and insulation of self-extinguishing polyurethane resin.

- The roof should be corrugated galvanized iron sheets (0.4mm) with 3cm thermal insulation. Roof must be inclined down from one side to the other.
- For the flooring C16/20 concrete should be used with a steel reinforcement of a single iron grid T131. The concrete slab should be at least 0.15 m high.
- The metallic door shall be double, in a metallic frame. The clear opening of each of two doors shall be 0.80m, the height 2.20m. There will be ventilation shutters both at the bottom and top. The doors will open to the outside.
- The doors shall have handles and locks.
- Windows: a metallic window of the building shall be installed on all sides of the room except from the side where the door will be placed, at a height of1.5m. Dimension: Width: 0.40m, Length: 0.50m.
- The room will be painted with appropriate paint for steel in white color.
- The fuel tank will be installed outside, the ground should be leveled and wood planks will be used as foundation. On top of the tank a roof will be constructed (without insulation).
- The area where the fuel tank will be placed shall be fenced. Please see below.

Fencing

- The metallic frame of the fence shall be constructed from square iron hollow beams 80X80X2 mm. There shall be a rectangular iron hollow beam horizontally for support at a high of 1.20 m above ground level.
- The fence shall be made of galvanized iron sheets (0.5mm) with high 2.00m.
- There shall be a double door like the door of the boiler room.

Lights and Electricity Fire protection

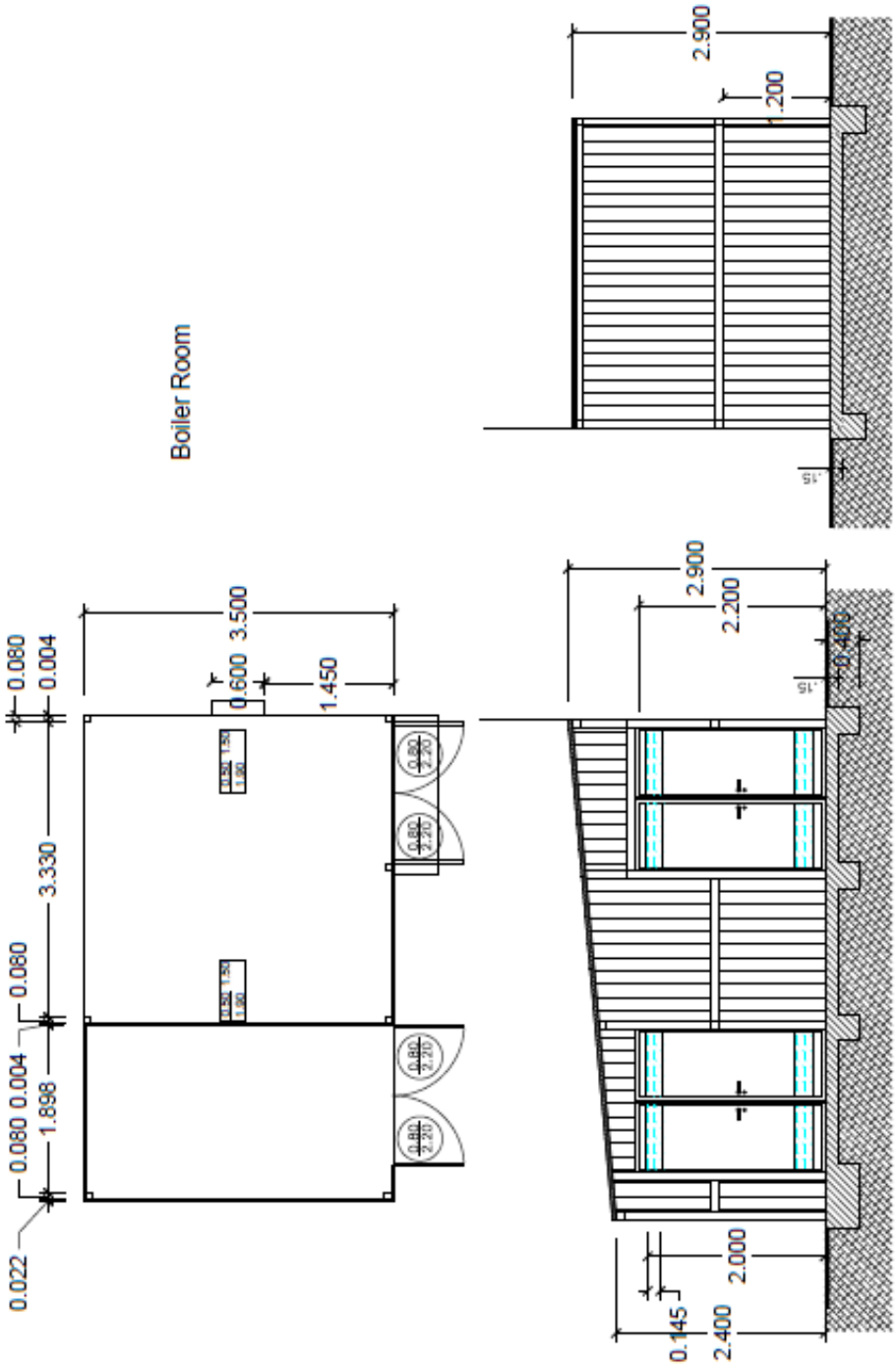
Electrical connection for lights inside and the boilers for the structure

- Installation of a main power line, NYY 3x4 mm2 cable from the current Electrical post to a new power box inside which will serve only the boiler room.

- The new power box inside the boiler room shall be placed in a waterproof lockable box and must be able to support the installation.
- 1 Fluorescent strip light r shall be installed to provide light inside.
- One 16 kg automatic roof extinguisher

Special attention should be given to the waterproofing of the entire electrical network. The connections must be proofed and placed into suitable branching channel to avoid short circuits.

Annex A: Draft Plans



IRC
Scope of Work – Technical Analysis
Hot Water System

The following technical analysis of work is designed to set the appropriate standards and the technical attributes for installing a hot water system at north of Greece.

Current Situation:

Currently the water is supplied by two means depending of where the sites are allocated. The first system is running by a borehole located on site, the borehole feeds 4 holding tanks (each 5,000 m3). The second system is connected with public water company with a suitable water pipe of 2", the water is drinkable.

There is no hot water system in place.

The sites are designed to accommodate a population of 800 to 2500 depending on their capacity.

Overall:

All work should be done in accordance with Greek laws on petrol burners and boiler installations as well as applicable Greek construction laws.

Proposed Work:

- Install a water heater system for a maximum of 20 showers to provide at minimum 8,000L of hot water per day.
    - A quote should be provided for a system operating on petrol alone as well as a combination of petrol and solar power. The dual system should switch automatically from solar to petrol in order to maintain an outlet temperature of 65 degrees Celsius.
    - The system should be installed in the designated space provided on site.
- The hot water system should consist of a minimum of 2 boilers of 1500lt capacity. The 2 boilers must use 2 internal heat exchangers and be connected to a relief tank.
- The two boilers should be connected to a heat burner of 60.000KW
- All connections will be in a boiler room they should include a circulator 30/1-8, a relief tank of 50lt, a safety valve 3/4", automatic filling 1/2", petrol filter, a plastic tank for petrol of 2000lt and should be done in accordance with the appropriate Greek Laws on petrol and boiler installations.
- Each boiler should have external ventilation for the exhaust with double layers with appropriate screening on the

external outlet and should be done in accordance with the appropriate Greek Laws on petrol and boiler installations.

- The boilers should have a thermostat and be set no less than 65 degrees Celsius.
- A mixer will be installed so the outflow of the water will be at a maximum temperature of a 35◦ to 40◦ Celsius and also a water pressure pump set in a 1.5 bar pressure.
- It will be installed a digital hour meter on the heat burner.
- For controlling the hours of functioning of the burner, according to the needs, there will also be placed a timer to the burner.