

UNAMIR

HEALTH SURVEILLANCE REPORTS

18 AUG 1994 - 26 JAN 1995

PLEASE RETAIN
ORIGINAL ORDER

[1 CONFIDENTIAL]
RH/WG MAY 2009

UNARCHIVES

SERIES	<u>S-1002</u>
BOX	<u>34</u>
FILE	<u>1</u>
ACC.	<u>19980284</u>

CORRESPONDENCE DISTRIBUTION
COVER SHEET

C

File No. 775-2-1

Correspondence No. _____

To: FMO

Remarks/Action: WP

Med Ops

Med Log

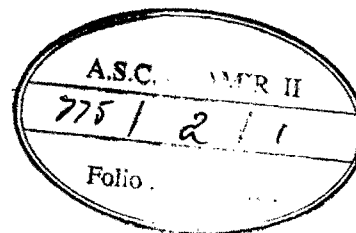
FHO 23/1

JP - Proposed Dates are 1-3 FEB.

Please initial and date when action complete then pass quickly

C

HQ UNAMIR
Logistics Co-ordination Centre



MINUTE

File No. 40001/Log-50


CLOGO
CCLOGO

For Info:

~~XXXXXXXXXX~~
ECONOMAT

INVESTIGATION OF MEAT SUPPLIER IN KAMPALA

1. ECONOMAT currently receive frozen meat by plane from France. This is expensive and delays to aircraft have greatly disrupted the resupply of UNAMIR contingents.
2. ECONOMAT have been approached by a supplier in Kampala for all frozen meats and meat products. The supplier will be able to deliver the items by refrigerated vehicle. This would be advantageous to UNAMIR as a close, reliable supplier would reduce a number of problems currently experienced by ECONOMAT.
3. Approval is requested for a visit to the Quality Cuts premises in Kampala. This would be in conjunction with an ECONOMAT representative and the Force Health Officer, if available.
4. The aims of the visit are to.
 - a. determine the ability of the supplier to provide UNAMIR with the variety, quantity and quality of meat and meat products,
 - b. establish possible pricing and delivery arrangements for an ECONOMAT sub-contract, and
 - c. determine whether the premises is suitable for supply to UNAMIR from a health and food safety aspect.
5. Your approval for the visit is requested.


(M.J. BURGESS
CAPT
SO FOGD SERVICES
Ext 11118

Approved WP
26 Jan 95

21 Jan 95

CORRESPONDENCE DISTRIBUTION
COVER SHEET

File No. 775 - 2 - 1

Correspondence No. _____

To: FMO Remarks/Action: _____

Med Ops _____

Med Log _____

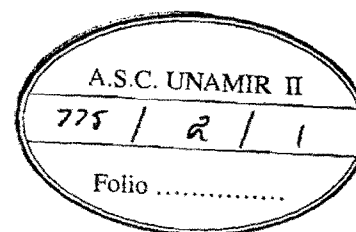
FHO 25/1 _____

Math, please inform that new BATT are aware of these results. N.

Please initial and date when action complete then pass quickly.

C

ASC UNAMIR II




MINUTE

436-1-9
5/95

FHO

WATER TEST - BACTERIOLOGICAL / CHEMICAL ANALYSIS

1. A bacteriological and chemical analysis was conducted on two water samples from the TUN BAT location (Makmuka) on 23 JAN 95 by the EHS.
2. The bacteriological samples were grossly contaminated with fecal and ecoli coliforms. The PH level was 7.6 and no chlorine was present.
3. It is recommended that the water source tested not be consumed until suitable sterilisation procedures can be implemented.


F.T. REIDY
WOI
EHS COMD

14 JAN 95

C

HQ UNAMIR II



MINUTE

775-2-1
UNAMIR HQ 40/95

AS MSF

VISIT TO KIBUYE BY ENVIRONMENTAL HEALTH SECTION

1. It is requested that the EHS visit Kibuye during the period 23 -25 Jan 95
2. Purpose of the visit is to finalise the Health Intelligence Survey previously conducted on the area by the EHS.
3. The report on the area is to be sent to the FHO NLT 30 Jan 95.
4. The FHO will brief the EHS COMD on the task requirements at the EHS office at 0930hr 21 Jan 95.


M. WAIXEL
CAPT
FHO

12 Jan 95

Australian Medical Support Force



MINUTE

436-1-1

FHO

INVESTIGATION - ORPHANAGE - KIGALI.

REFERENCE:

A. Conversation FHO / CPL Bickley of 11 JAN 95.

1. IAW the above reference the Kigali Orphanage ran by the Nuns was inspected by CPL Bickley and LCPL Orr on 11 Jan 95.
2. The entire place was found to be in a clean and tidy state with no sign of rodent infestation and no complaints about insect prevalence.
3. Many of the children had measles and the sisters expressed a growing concern of the disease spreading throughout the entire orphanage.
4. It was reported that rodents often gained access to the kitchen via the roof. Due to the number of small children living in the building rat baits or traps would be a danger.
5. It is recommended that the orphanage liaise with the appropriate Non Government Organisation to have an immunisation program implemented.
6. No further support is needed from the Environmental Health Section.

D. Bickley
D. BICKLEY
CPL
EHT

12 JAN 95

*Section - tasked to provide childproof
bait stations -*

-> Baits laid - 20 Jan -

HQ UNAMIR II



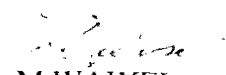
MINUTE

775-2-1
UNAMIR HQ 35/95

AS MSF

FHO VISIT TO CYANGUGU

1. It is requested that the EHS COMD accompany the FHO to CYANGUGU during the period 18 - 20 Jan.
2. Purpose of visit is to finalise Health Intelligence Survey conducted by EHS previously
3. A protection party will be required.
4. It is expected that the party will depart AUSMED at 0700hr 18 Jan , and return by approximately 1700hr 20 Jan 95.


M. WAIXEL
CAPT
FHO

15 Jan 95

C

CORRESPONDENCE DISTRIBUTION
COVER SHEET

File No. 775-2-1

Correspondence No. _____

To: FMO Remarks/Action: _____

Med Ops 2/1

Med Log

FHO

Very good D.
for good report & will speak to
spirit of camp.

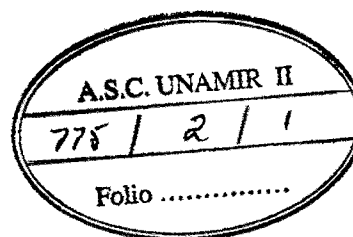
Please initial and date when action complete then pass quickly.

C

ASC UNAMIR II



MINUTE



436-1-1
HQ AUSMED 48/94

COMASC

For Information:

CO
FHO

INSPECTION - 500 MAN TRANSIT CAMP

1. An inspection of the transit camp 500m north east of the Amahoro Stadium was conducted to ascertain the cleanliness and standard of hygiene of the facility. The inspection was carried out by Sgt Tyszkiewicz EHSURV on 24 Dec 94.
2. There are 12 containers with self-contained toilet and shower units. As yet these are not connected to a new septic tank unit which is nearly completed construction. There is no water available to these units. During the inspection it was noted that several of the toilets had been defecated and urinated in. This is totally unacceptable.
3. There is a large pit latrine construction on site with 12 cubicles. Fly covers have been manufactured to prevent the egress of flies. These covers are not used. The cubicles have not been cleaned for a long period of time as there is urine and faeces present on the floorboards and the odour is appalling.
4. A temporary, but well constructed 16 cubicle shower block is adjacent to the latrines. Water tanks have been installed, but there is no plumbing or shower fixtures. Poor drainage under the floors results in pooling of water. The short term effect of this will result in the very possible breeding of mosquitos directly under the floor boards. This will greatly increase the risk to personnel of contracting malaria.
5. A rubbish point has been established at the north east corner of the camp. Due to the small size of the camp and the limited room for a rubbish trench, this can become a serious health threat. The rubbish will provide harbourage for rodents and insect pests. There was evidence that local children are gaining entry through the wire and are scavenging in the rubbish.
6. The kitchen facility is located some 20 metres from the rubbish point. The minimum distance for the location of a kitchen to any rubbish point is 25 metres. The kitchen water point is approximately 15 metres from the rubbish point. Sullage water from the kitchen and utensils being

washed is collecting adjacent to the water point. From all appearances the water is being placed here by the kitchen staff. The water is quite rancid and has already attracted swarms of flies.

7. The surrounding areas where the accommodation tents are becomes a quagmire during periods of rain. Vehicle traffic into and around the camp compounds the problem. There are no walkways between accommodation blocks or the ablution facilities to facilitate movement during the periods of wet weather.

Recommendations

8. The following recommendations would ensure the camp remains in a sanitary condition and provides the best possible facilities to transient troops for short or prolonged periods of time.

- a. Clean out and secure the portable toilet and shower units until water is available and the units are connected to the septic tank system;
- b. The latrines should be cleaned daily and the hole covers put in place to prevent the egress of flies;
- c. Plumbing, shower roses and water must be installed as soon as possible to maintain a satisfactory standard of hygiene. Drainage under the floor boards must be improved to reduce the possibility of passing tinea between troops and to reduce the presence of mosquitos;
- d. A pit/trench type rubbish point for this camp is impractical. Rubbish should be bagged and removed at least twice a week. The removal can be increased or decreased depending on the number of troops occupying the camp at the time;
- e. A proper disposal system for the kitchen waste and sullage water needs to be put in place. Continuing the present course will lead to the contamination of potable water, increased presence of flies, putrescent odours and the possible spread of diseases from salmonella, campylobacter, escherichia coli and other food-borne bacteria; and
- f. Walkways adjoining the accommodation blocks and ablution blocks should be provided for use by personnel during periods of wet weather.



J.H. TYSZKIEWICZ
SGT
EHSURV

31 Dec 94

HQ UNAMIR II



MINUTE

775-2-1
UNAMIR HQ 10 /95

Albert Nemenzo
BMS

Tom Woods
B & R

INSPECTION - 500 MAN TRANSIT CAMP

Reference:

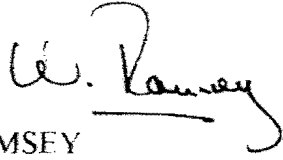
A. INSPECTION REPORT , BY SGT TYSZKIEWICZ DATED 31 DEC 94

1. Enclosed is a copy of the report produced by Sgt Tyszkiewicz on the 500 man transit camp on the 31 Dec 94.
 2. An inspection of the above facility was conducted by the Force Health Officer on the 3 Jan 95 , as a result of the faults listed in Reference A.
 3. There are four significant faults identified within the camp that require urgent action. These areas are
 - a. the 12 container style toilet and shower units ,
 - b. the large pit latrine ,
 - c. the shower point ,and
 - d. the rubbish disposal arrangements.
 4. All these areas have been commented on in Reference A.
 5. It is imperative to ensure the Health of troops staying in the camp is maintained , the recommendations made in Reference A , are complied with in an expeditious manner
 6. Due to the cultural differences of the contingents sharing the camp , it is recommended that each contingent be allocated separate facilities
-

C

7. The container style shower and toilet units are to be cleaned and closed off to prevent further use till they are connected with water

8. Seven days from the dating of this letter , the Force Health Officer will conduct an inspection of the facilities to determine if their condition warrants the closure of the camp.



W.P. RAMSEY
COL
FMO

5 Jan 95

ASC UNAMIR II



MINUTE

436-1-1
HQ AUSMED 48 94

COMASC

For Information

CO
FHQ

INSPECTION - 500 MAN TRANSIT CAMP

1. An inspection of the transit camp 500m north east of the Amahoro Stadium was conducted to ascertain the cleanliness and standard of hygiene of the facility. The inspection was carried out by Sgt Tyszkiewicz EHSURV on 24 Dec 94.
2. There are 12 containers with self-contained toilet and shower units. As yet these are not connected to a new septic tank unit which is nearly completed construction. There is no water available to these units. During the inspection it was noted that several of the toilets had been defecated and urinated in. This is totally unacceptable.
3. There is a large pit latrine construction on site with 12 cubicles. Fly covers have been manufactured to prevent the egress of flies. These covers are not used. The cubicles have not been cleaned for a long period of time as there is urine and faeces present on the floorboards and the odour is appalling.
4. A temporary, but well constructed 16 cubicle shower block is adjacent to the latrines. Water tanks have been installed, but there is no plumbing or shower fixtures. Poor drainage under the floors results in pooling of water. The short term effect of this will result in the very possible breeding of mosquitos directly under the floor boards. This will greatly increase the risk to personnel of contracting malaria.
5. A rubbish point has been established at the north east corner of the camp. Due to the small size of the camp and the limited room for a rubbish trench, this can become a serious health threat. The rubbish will provide harbourage for rodents and insect pests. There was evidence that local children are gaining entry through the wire and are scavenging in the rubbish.
6. The kitchen facility is located some 20 metres from the rubbish point. The minimum distance for the location of a kitchen to any rubbish point is 25 metres. The kitchen water point is approximately 15 metres from the rubbish point. Sullage water from the kitchen and utensils being

C

washed is collecting adjacent to the water point. From all appearances the water is being placed here by the kitchen staff. The water is quite rancid and has already attracted swarms of flies.

7 The surrounding areas where the accommodation tents are becomes a quagmire during periods of rain. Vehicle traffic into and around the camp compounds the problem. There are no walkways between accommodation blocks or the ablution facilities to facilitate movement during the periods of wet weather.

Recommendations

8 The following recommendations would ensure the camp remains in a sanitary condition and provides the best possible facilities to transient troops for short or prolonged periods of time.

- a Clean out and secure the portable toilet and shower units until water is available and the units are connected to the septic tank system.
- b The latrines should be cleaned daily and the hole covers put in place to prevent the egress of flies.
- c Plumbing, shower roses and water must be installed as soon as possible to maintain a satisfactory standard of hygiene. Drainage under the floor boards must be improved to reduce the possibility of passing tinea between troops and to reduce the presence of mosquitos.
- d A pit trench type rubbish point for this camp is impractical. Rubbish should be bagged and removed at least twice a week. The removal can be increased or decreased depending on the number of troops occupying the camp at the time.
- e A proper disposal system for the kitchen waste and sullage water needs to be put in place. Continuing the present course will lead to the contamination of potable water, increased presence of flies, putrescent odours and the possible spread of diseases from salmonella, campylobacter, escherichia coli and other food-borne bacteria; and
- f Walkways adjoining the accommodation blocks and ablution blocks should be provided for use by personnel during periods of wet weather.



J.H. FYSZKIEWICZ
SGT
EHSURV

31 Dec 94

CORRESPONDENCE DISTRIBUTION
COVER SHEET

File No. 778-2-1
~~538-3~~ Correspondence No. _____

To: FMO 31/12 Remarks/Action: WIR

Med Ops _____

Med Log _____

FHO g/c

Please initial and date when action complete then pass quickly

UNITED NATIONS

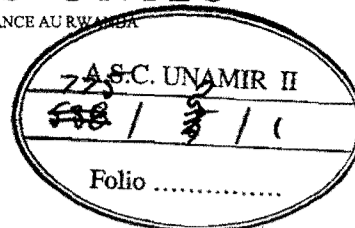
ASSISTANCE MISSION FOR RWANDA



UNAMIR - MINUAR

NATIONS UNIES

MISSION POUR L'ASSISTANCE AU RWANDA



4000.1/LOG-50

FROM : CLOGO

TO : ALL CONTINGENTS *908 MED* ✓

INFORMATION: COS
SO SUP
SO FOOD
ECONOMAT

DATE : 29 DEC 94

SUBJECT : RESULT OF LABORATORY INVESTIGATION OF
FOODSTUFFS

References:

A. MED ADMIN 18/94 dated 27 Dec 94.

B. LOG 035 dtg 291509B Dec 94.

1. Attached is the photocopy of Reference A, forwarded for your information and necessary action. The laboratory investigation was carried out on Semolina Porridge Supplied to NICOY.
2. Therefore, all contingents supplied with Semolina Porridge are to suspend the consumption forth-with pending the out come of the further investigation.
3. Kindly treat as very important.

VO AWOFISAYO
Lt Col
CLOGO

ASC MED SPT FORCE RWANDA



MINUTE

538-1-6
MED ADMIN 18/94

HQ UNAMIR
MED BR FOR
FHO

LABORATORY INVESTIGATION OF FOODSTUFFS

1. Please find enclosed the investigation of foodstuffs completed by our laboratory on 27 DEC 94.

P. NASVELD
MAJ
SMO

27 Dec 94

ASC UNAMIR II



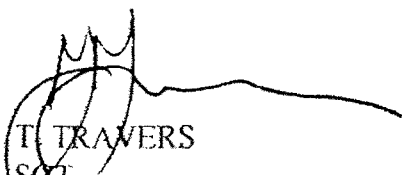
MINUTE

PATH 794

OC MED COY

LABORATORY INVESTIGATION OF FOODSTUFFS

1. The Health Officer delivered a sample of 'semolina porridge' to the laboratory on 24 DEC 94 after being consulted by the Nigerian Contingent.
2. The sample was delivered in a tin which appeared to contain vegetation and dirt particles.
3. A sample weighing 5 g was introduced to a trypticase soy brain heart infusion broth and incubated for 24 hrs, during this time gas production was noted.
4. A gram stain of the broth revealed the following:
 - a. gram positive bacilli,
 - b. gram negative bacilli, and
 - c. gram positive cocci in chains (streptococci).
5. The broth was sub-cultured aerobically onto selective and enrichment media and revealed:
 - a. gram negative bacilli presumptively *E. coli* and *Klebsiella spp.*
 - b. gram positive, catalase positive bacilli presumptively *Bacillus spp.*
6. Further identification is outside the scope of this laboratory and the sample should be forwarded to an analytical laboratory for definitive identification.
7. Given the source of the sample (cereal) the *Bacillus spp.* is most likely *B. cereus* a enterotoxin producing agent


T. TRAVERS
SGT
LAB SGT
ext 10

27 DEC 94

C

CORRESPONDENCE DISTRIBUTION
COVER SHEET

File No. _____

Correspondence No. _____

To: ~~EMO~~ Remarks/Action: Not required

Med Ops 15/12

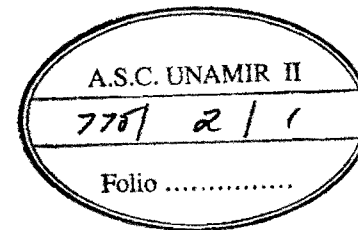
~~Med Log~~

~~EHO~~

In hand. Result expected by 17/12. *f*
Loggies advised.

Please initial and date when action complete then pass quickly.

C



HQ UNAMIR

FROM: MAJ H. NICHOLSON, SDO SUP, G4
TO: SO MED HELATH, HQ UNAMIR ✓
FOR INFORMATION: CMC
BROWN AND ROOT
DATE: 13 DEC 94
SUBJECT: WATER ANALYSIS TESTS

1. Currently AUSMED is conducting water analysis tests on water samples provided from the UNAMIR water treatment plant. A sample copy of the test results attached. I would appreciate it if the environmental health section could test for Faecal coliform and give a statement of suitability.
2. Regards.

ASC UNAMIR II



MINUTE

436-1-1

UN Force Health Officer

**WATER ANALYSIS RESULTS-WATER TREATMENT PLANT KIGALI SPORTS
STADIUM**

Please find enclosed a chemical and bacteriological water analysis report pertaining to tests conducted on samples collected from the above mentioned area on 11 Nov 94.


P.F. MCINTOSH
LT COL
CO

15 Nov 94

Enclosure:

1. Water Analysis Results
- 

WATER ANALYSIS RESULTS

1. ORDERED BY: BROWN & ROOT
2. LOCATION OF SOURCE: WATER TREATMENT PLANT, KIGALI SPORTS STADIUM
3. DATE OF COLLECTION: 11 NOV 94
4. DATE OF TESTING: 12 NOV 94

5. RESULTS OF CHEMICAL ANALYSIS

	Desirable Limit	Result
Colour (Hazen units)	15 TCU	N/T
Turbidity	5 NTU	2
TDS	1000 mg/l	0.001
pH	6.5 to 8.5	N/T
Ammonia, free and saline	-	N/T
Manganese	0.05 mg/l	0
Fluoride	1.0 mg/l	1.77
Iron	0.1 mg/l	N/T
Nitrates	nil mg/l	1.5
Nitrites	nil mg/l	0.001
Chlorides	400 mg/l	N/T
Sulphates	400 mg/l	3
Sulphides	-	0.031
Hardness, calcium	300 mg/l	100
Hardness, magnesium	300 mg/l	100
Hardness, total	300 mg/l	200
Chlorine demand	-	-
Poisonous metals	-	-
Other tests	-	-

6. RESULTS OF BIOLOGICAL ANALYSIS (In coliforms per 100 ml)

Total coliform	NIL
Faecal coliform	Not tested

7. STATEMENT OF SUITABILITY:

8. ANALYSIS COMPLETED BY: ENVIRONMENTAL HEALTH SECTION
ASC UNAMIR II

9. TESTING OFFICER: CPL D. ROCKLIFF

10. SIGNATURE/DATE:  12/11/94

CORRESPONDENCE DISTRIBUTION -
COVER SHEET

File No. 775-2-1

Correspondence No. 180/94

To: **Med Br**

Remarks/Action:

COL Ramsey

15/11

MAJ Crawford

MAJ Press

CAPT Waixel

Log Co-ord

MAJ Nicholson

~~MAJ S. Moore~~

~~MAJ A. Moore~~

CAPT Burgess

Plans

~~LTCOL Brimelow~~

Please initial and date when action complete, then pass quickly.

CORRESPONDENCE DISTRIBUTION
COVER SHEET

File No. 775-2-1

Correspondence No. 180/94

To: FMO

Remarks/Action:

WP

Med Ops

Med Log

FHO

AP

Please initial and date when action complete then pass quickly.

HQ UNAMIR II



MINUTE

775-2-1
HQ UNAMIR II 18/94

OC 3CSG

INSPECTION OF BUTCHERY IN KAMPALA , UGANDA.

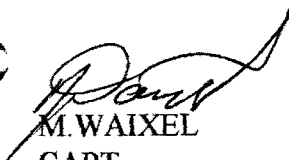
1. An inspection of the premise known as Quality Cuts located at Gaba Road , Kampala , Uganda , was conducted by the Force Health Officer , Capt M.Waixel on the 4 Nov 94. The FHO was accompanied by Canadian EHT MCPL L.Cooney.
2. The premise was of modern a modern design that would not be out of place in Australia or Canada. The building was of fibre glass interior which was clean and showed no signs of meat or fat build up. All the floors were of sealed concrete and the doors designed so as to be opened by pressure and not by handles. The refrigerators were at a temperature below 4 C and were clean and the interiors well set out and maintained. The building was climate controlled and had well defined air lock systems. Drainage of the floor surface was adequate for the task and all water used in the building was treated by UV filtration.
3. All benches within the building were of a non-porous top construction . The meat handlers were well trained and were wearing clean washable uniforms. All staff are expected to shower before beginning their shift and ablution facilities are available for the staff on the premise.
4. All meats are prepared under the supervision of a butcher and heat sealed for storage and transportation. Meat products are manufactured on the premise using meat obtained from the company's own farms. All slaughtered animals are inspected by a vet and the carcasses again inspected by the butcher on receipt at the processing area.
5. Transportation is achieved by using a specially designed refrigerated vehicle . This vehicle is so designed to allow for the hanging of carcasses without contact being made with the floor or walls of the vehicle. The interior of the vehicle is of fibre glass and stainless steel to allow for steam cleaning.

RECOMMENDATIONS:

6. The meat purchased from this premise and being held in quarantine by 3CSG is safe to consume. It is recommended that the SO3 Foodstuffs at UNAMIR HQ investigate the possibility of this company supplying a proportion of the meat products consumed by UNAMIR contingents.

7. A Mister E. SEWA SSALI is the company's Kigali representative and is contactable through the :

HOTEL ISIMBI
RUE KALISIMBI
KIGALI.


M. WAIXEL
CAPT
FHO

8 Nov 94

UNCLASSIFIED

HQ UNAMIR II



MINUTE

775-2-1
UNAMIR HQ 2// /94

G4 MED

For Information:

SO3 FOOD

INSPECTION REPORT MALAWI COY AND MALI COY

1. The FMO and the FHO conducted an inspection of the medical facilities of MALAWI COY and MALI COY on 25 Nov 94.
2. Following is a brief outline of the capabilities of the facilities visited and the current treatments and deficiencies of those facilities:
 - a. MALAWI COY , BUTARE;
 - (1) MALAWI COY consists of 130 MIL pers ,
 - (2) the HQ RAP has no holding capability ,
 - (3) the RAP consists of the RMO and a MA ,
 - (4) the RMO assists at the local University hospital when ever called upon ,
 - (5) no humanitarian work conducted other than that mentioned above ,
 - (6) the RAP are treating 3 - 4 military patients each day , and
 - (7) at present there are 2 soldiers who may need to be repatriated in the near future (1x hypertension and one suffering from unknown URTI) .
 - b. MALAWI COY, KIGEMBE;
 - (1) MALAWI COY consists of 36 MIL pers .
 - (2) the CAP consists of a SGT MA and a MA ,
 - (3) the CAP assists at the local clinic treating up to 60 civilian patients per day for;

UNCLASSIFIED

UNCLASSIFIED

- (a) parasitic infections ,
- (b) malaria , and
- (c) dysentery.

c. MALAWI COY deficiencies in equipment and stores are :

- (1) Pyrethrin and Maldison for vector control ,
- (2) refrigerator for the storage of meat ,
- (3) current rice ration be exchanged for maize ,
- (4) field collapsible shower buckets , and
- (5) there is only one ambulance , and at present it is in need of repairs.

d. MALI COY , GITARAMA:


- (1) MALI COY consists of 200 MIL pers ,
- (2) the RAP has no holding capability ,
- (3) there is no ambulance ,
- (4) the RMO is assisted by a Dentist and 5 MA's ,
- (5) the RMO assists at the local hospital in an emergency , and
- (6) no other humanitarian work conducted.

e. MALI COY deficiencies in equipment and stores are:

- (1) personnel insect repellent required ,
- (2) Euginol and Dental anaesthetic (injection 2ml) required , and
- (3) bread is delivered on a weekly basis and is going mouldy in three days.

3. The MALAWI COY at KIGEMBE is expected to move the current clinic into the local Commune buildings to support the move of the local populace back into the Commune.

4. As part of the EHS tour of the area , they will be tasked to assist the MALAWI and MALI COY's in vector control and the setting up of field showers.


M. WALXEL
CAPT
FHO

16 Nov 94

UNCLASSIFIED

CORRESPONDENCE DISTRIBUTION
COVER SHEET

File No. 775-21

Correspondence No. _____

To: FMO

Med Ops

Med Log

FHO

Remarks/Action: *I requested this inspection following concerns raised by member of HQ. Do you wish a copy to go to UNREO? I recommend our EHS assist IAW current priorities. D.*

See me & discuss further
WP

Matt, please ensure that lead NGO is aware of what needs to be done.

Please initial and date when action complete then pass quickly.

Done mjd 26/11

HQ UNAMIR II



MINUTE

775-2-1

HQ UNAMIR II /94

G4 MED 

UNACCOMPANIED CHILDREN'S REFUGE

1. An inspection of the unaccompanied children's refuge located on the Boulevard du MHND , Kigali was conducted by the FHO on the 14 Nov 94.
2. This refuge houses 120 children in buildings that were designed as a school. The refuge is presently receiving support from a number of NGO and Military personnel.
3. The refuge is expecting to move to other premise' once the administrative clearance has occurred. The current premise is too small to adequately house the 120 children in the refuge. Even with the proposed move , there are a number of problems that need to be rectified. Over crowding in the nursery and kindergarten areas is chronic and could be part of the reason for the high numbers of children with URTI and related illnesses.
4. Two other areas of concern are the number of broken and missing window panes , which allows rain access to the sleeping areas. The refuse area showed signs of rodent infestation thus placing at risk the children's health due to contamination from flies breeding in the area and from rodent bites. Plastic sheeting has been organised for the school and the NGO (Africare) has been asked to remove the refuse. Only the lack of manpower and engineering skills have prevented the erection of the plastic sheeting.
5. As Australian Environmental Health Section and Australian Engineers have previously contributed to the refuge it is suggested that if available they may be able to erect the plastic sheeting.
6. The administrator has been asked to supply to the FHO the new address for the refuge and the FHO will monitor the new and old areas.


M. WAIXEL

CAPT

FHO

14 Nov 94

C

CORRESPONDENCE DISTRIBUTION
COVER SHEET

File No. 275-2-1 Correspondence No. _____

To: FMO 21/11 Remarks/Action: OK

Med Ops _____

Med Log 19/11 Seen

FHO _____

Please initial and date when action complete then pass quickly



C

HQ UNAMIR II



MINUTE

P 19/10
Steve, please distribute to Br. Offr.

775-2-1
HQ UNAMIR /94

MAJ PRESS

INSPECTION REPORT NICOY

1. The FMO and the FHO conducted an inspection of the medical facilities of NICOY located at BYUMBA on 18 Nov 94.
2. Following is a brief outline of the capabilities of the facility and the current treatments and deficiencies of the facility:
 - a. NICOY consists of 550 MIL Pers ,
 - b. the RAP has a 24 hr holding capability ,
 - c. to date the facility has treated 2840 members of the local community ,
 - d. the RMO and NO assist at the AMREF clinic ,
 - e. the diseases treated at the facility have been:
 - (1) MIL pers:
 - (a) diarrhoea ,
 - (b) malaria ,
 - (c) URTI ,
 - (d) hypertension ,
 - (e) dermatological ,
 - (f) peptic ulcer , and
 - (g) osteomyelitis.

- (2) Local:
- (a) malaria ,
 - (b) URTI ,
 - (c) TB ,
 - (d) diarrhoea ,
 - (e) helminth infestation ,
 - (f) AIDS , and
 - (g) diabetes.

f. current deficiencies in equipment and stores are :

- (1) drugs for the long term treatment of TB ;
- (2) drugs for children (syrups etc) ;
- (3) bedside trolley's ;
- (4) resus and suction equipment ;
- (5) resus drugs ;
- (6) examination table ;
- (7) minor operation table ; and
- (8) Red Cross arm bands x 20.

exacerbated ?

3. There were a number of Preventive Medicine problems within the camp that were exasperated by the incompetence of the units Health Officer. ?

4. To assist this unit the EHS will be tasked to deploy to this facility to conduct education and vector control programs.

5. A quantity of consumable stores will also be issued to the unit to help prevent the spread of communicable diseases.


M. WAIXEL
CAPT
FHO

19 Nov 94

CORRESPONDENCE DISTRIBUTION
COVER SHEET

C

File No. 775-2-1

Correspondence No. _____

To: FMO

Remarks/Action: WIK

~~Med Ops~~

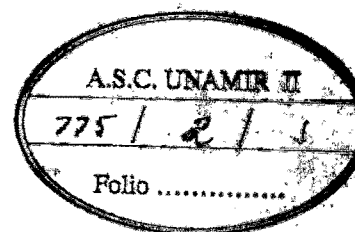
Med Log 17/11

→ FHO

Please investigate and arrange
for provision of appropriate
advice/assistance.

Please initial and date when action complete then pass quickly.

The second tour by EHS into this sector is expected to commence
next week. I shall brief the team. P. 18/11



RAAUZYUW UCCVVDG0056 3201429-UUUU--UCCVVDA.

ZNR UUUUU

R 161429Z NOV 94

FM 4C//CYANGUGU//ETHIOBATT//

TO /UNAMIR HQ//KIGALI//MEDICALS//

INFO

BT

UNCLAS ETHIOBAT-001

IN OUR CENTER, AT DIFFERENT UNITS, RATS ARE DESTROYING
INSTRUMENTS, FOOD AND MEDICAMENTS, AND THE NUMBER IS INCREASING DAY
TO DAY. WE WOULD LIKE TO ASK THE HQ HOW TO PROTECT THEM (THE RATS)
FROM THEIR DESTROYING ACTIVITY. REGARDS!

BT

#0056

Received 11-16-1994 14:28:55

CORRESPONDENCE DISTRIBUTION
COVER SHEET

File No. 775-2-1

Correspondence No. _____

To: FMO

Remarks/Action: WR

~~Med Ops~~

Med Log

15/11

FHO

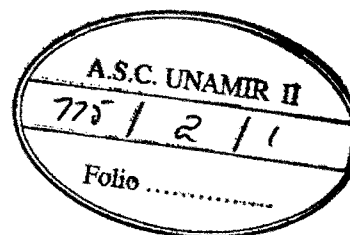
15/11

Agree ↓

*earlier said than done - was does he expect to
get the heavy equip + tipper from. spraying Diogenian may
result in poisoning of the children who scavenge there.
What about, water course, soil permeability, leachate, etc.
What is exactly wrong with this rep s.d.?*

*A reply will be drafted + sent notify mbr of requirements regards
report writing.*

Please initial and date when action complete then pass quickly.



436-1-1
EHS 46/94

FHO (Capt Waixel)

FORMAL TIP INVESTIGATION - KIGALI

1. A formal tip investigation was carried out by SGT Tyszkiewicz (EHSURV) and LCPL Muller (EHTECH) on 7 Nov 94. The following points were observed:

- a. large amounts of solid waste and putrecible waste are scattered across the whole tip site area and adjacent bushland;
- b. some medical waste, in the form of blood transfusion bags; and
- c. several children were observed still rummaging in the site.

Recommendations

2. EHS recommends that a monthly spraying programme, using Diazinon in the solo backpack power sprayer be implemented. Further to this, correct disposal and coverage of trash, as shown in Diagrams 1 and 2 at Annex A should be implemented.

J.H. TYSZKIEWICZ
SGT
EHSURV

Nov 94

Annex:

- A. Cellular Rubbish Disposal/Landfill

C

CELLULAR RUBBISH DISPOSAL/LANDFILL

DIAGRAM 1

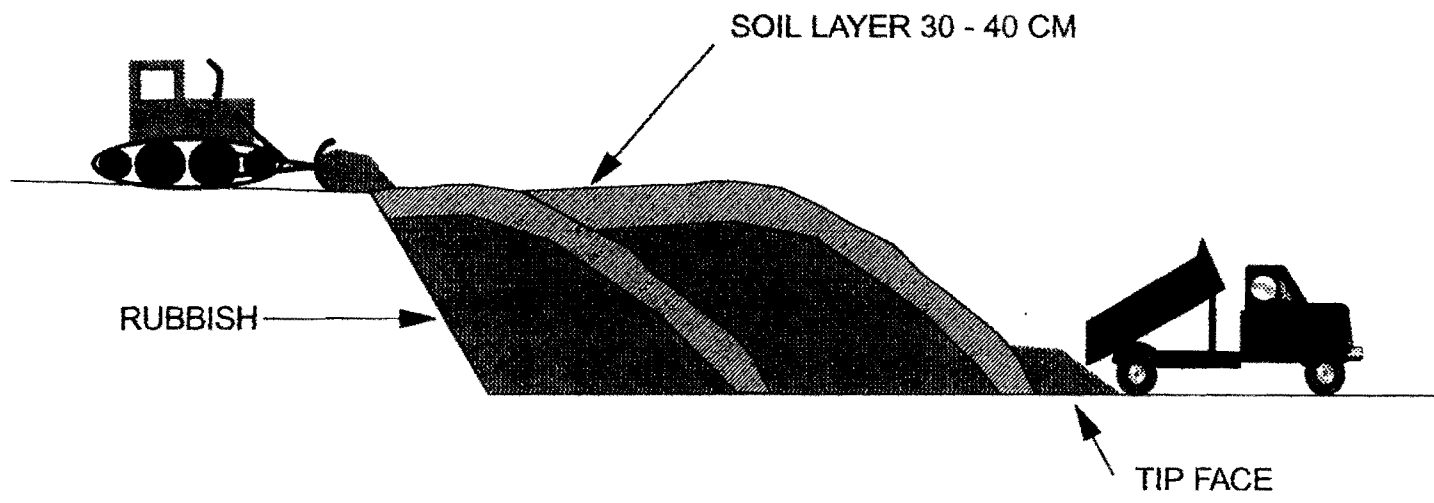
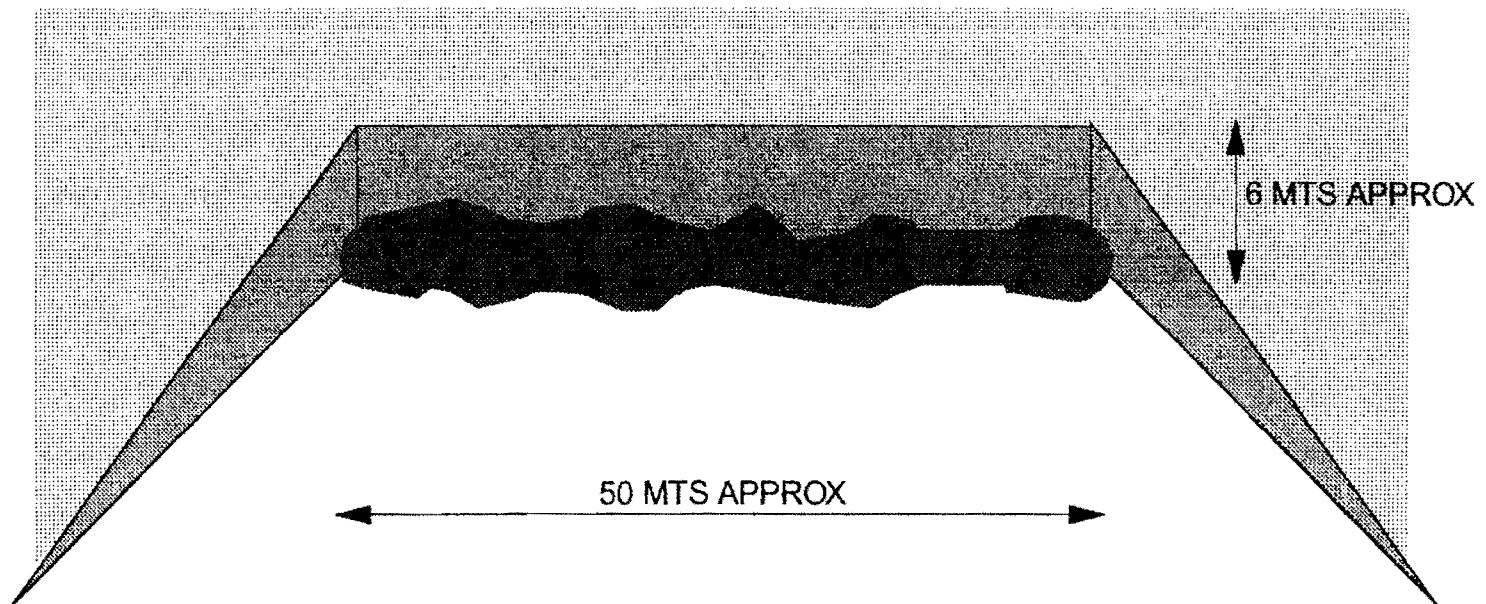


DIAGRAM 2



HQ UNAMIR II



MINUTE

775-2-1
HQ UNAMIR 181/94

AS MSF
(ATTN: WO1 REIDY)

REPORT ON REFUSE POINT - KIGALI

Reference:

A. MIN EHS 46/94 FORMAL TIP INVESTIGATION - KIGALI dated Nov 94

1. The information supplied in Reference A. , was inadequate to fully comprehend the problems of the area in question. The report lacks credibility as it fails to address important issues that are pertinent to the management and Environmental impact on the area if the recommendations are actioned.
 2. The report fails to describe the faults of the area in any detail and does not give a clear and concise image as to the usage and current control measures within the area.
 3. It is suggested that a further investigation into this area be under taken with particular emphasis being placed on the following topics:
 - a. current usage rate ,
 - b. current control measures in place ,
 - c. types and estimated quantities of refuse ,
 - d. water source location ,
 - e. ground and sub surface water drainage ,
 - f. leachate ,
 - g. access road type ,
 - h. impact on the local Environment if the area is redesigned ,
 - i. impact on the local population if insecticides are used ,
-

C

- j. who would be responsible for the supply , maintenance and operation of the heavy equipment , and
 - k. climatic effects on the use of insecticides.
4. Reports from members of the EHS are to be proof read by the EHS COMD before distribution occurs.


M. WAIXEL
CAPT
FHO

15 Nov 94

C

HQ UNAMIR II



MINUTE

775-2-1


HQ UNAMIR 77/94

AS MSF

(ATTN: WO1 REIDY)

REQUEST FOR COPIES OF EHS REPORTS

1. It is requested that a copy of all reports , minutes , investigations , SITREPS and work schedules relating to EHS tasks be forwarded to the FHO
2. These reports etc will be used to compile a 3 monthly report on the activities of the EHS , and to upgrade the FHO file on EHS tasking.
3. It is also requested that the FHO be an addressee on all correspondence generated by members of the EHS.



M. WAIXEL
CAPT
FHO

14 Nov 94

C

HQ UNAMIR II



MINUTE

775-2-1'
HQ UNAMIR II 1/4/94

CAO

HEALTH INSPECTION - BELGIAN VILLAGE KITCHEN FACILITY

1. Attached please find a copy of the health inspection conducted at the Belgian Village kitchen facility.
2. The FMO concurs with the findings of this report. Given that this facility is already catering for HQ UNAMIR personnel, it is strongly recommended that additional refrigerators and freezers are provided to ensure that food is appropriately stored. Currently, food storage arrangements are considered to be inadequate and constitute a potential threat to the health of personnel consuming food from this facility. The responsibility for the provision of refrigeration at this facility should be confirmed before UNAMIR undertakes to provide.
3. Finally, it is intended that this facility will be routinely inspected by UNAMIR environmental health staff to ensure that appropriate standards are being maintained.

S.V. PRESS
MAJ
for FMO

/r Nov 94

Enclosure:

1. Health Inspection Report - Belgian Gardens Kitchen Facility dated 7 Nov 94
-

ASC UNAMIR II



MINUTE

436-1-1

FHO (Capt Waixel)

HEALTH INSPECTION REPORT- BELGIAN GARDENS KITCHEN FACILITY

Reference

A. MPA Vol 3 Chap 37

General

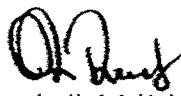
1. With Ref A, a health inspection was conducted on the Belgian Gardens kitchen facility by WOI Remy on 1 Nov 94. The Kitchen Manager was in attendance during the inspection.

Observation

2. The standard of cleanliness and hygiene of the kitchen is satisfactory. Current refrigeration assets for cold food storage are poor. The only refrigeration available to the kitchen for cold food storage, is a domestic refrigerator freezer.
3. A potential food poisoning risk exists to rationed UN personnel as food purchased cannot be refrigerated correctly.

Recommendations

4. Given the potential consequences detailed in the proceeding paragraphs, it is recommended that additional refrigeration freezer assets be obtained for this kitchen. As an interim measure, additional cold storage areas for bulk storage should be identified and only that food required for daily rationing be held in the existing refrigerator freezer.



E.F. Remy

WOI

FHO

7 NOV 94

CORRESPONDENCE DISTRIBUTION
COVER SHEET

File No. 775-2-1

Correspondence No. _____

To: FMO

Remarks/Action: WR

Med Ops

Med Log

FHO 10/11

Added to ORIO for more refrigeration
freezers.
PD - refrigeration - problem for contractor?

Please initial and date when action complete then pass quickly.

ASC UNAMIR 11



MINUTE

436-1-1

FHO (Capt Waixel)

HEALTH INSPECTION REPORT- BELGIAN GARDENS KITCHEN FACILITY

Reference:

A. MPA Vol 3 Chap 37

General

1. IAW with Ref A, a health inspection was conducted on the Belgian Gardens kitchen facility by WO1 Reidy on 1 Nov 94. The Kitchen Manager was in attendance during the inspection.


Observation

2. The standard of cleanliness and hygiene of the kitchen is satisfactory. Current refrigeration assets for cold food storage are poor. The only refrigeration available to the kitchen for cold food storage, is a domestic refrigerator/freezer.

3. A potential food poisoning risk exists to rationed UN personnel as food purchased cannot be refrigerated correctly.

Recommendations

4. Given the potential consequences detailed in the proceeding paragraphs, it is recommended that additional refrigeration/freezer assets be obtained for this kitchen. As an interim measure, additional cold storage areas for bulk storage should be identified and only that food required for daily rationing be held in the existing refrigerator/freezer.


F.T. REIDY
WO1
EHO

7 NOV 94

HQ UNAMIR II



MINUTE

775-2-1
UNAMIR II 150 /94

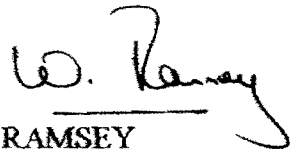
MA
HQ UNAMIR II

QUALITY OF TANKERED WATER

Reference:

A. Summary of FC's ground recce dated 23 oct 94

1. Reference A., refers to a complaint by NICOY regarding the high chlorine level of their supplied water. The water tested at 1.5 ppm of residual chlorine well within the limits set by the FHO.
2. The maintenance of this level of chlorine is to ensure that pathogenic micro-organisms are unable to multiply or survive in the water containers and bladder systems used to store and transport treated water. This level of chlorine will also counteract the possible growth of organisms through the use of contaminated containers.
3. The level of chlorine is expected to lower due to transportation methods and heat. Boiling or the removal of container caps before use will allow for the dissipation of the chlorine.


W.P. RAMSEY
COL
FMO

3 Oct 94

HQ UNAMIR II




MINUTE

775-2-1
UNAMIR HQ /94

FMO

INVESTIGATION INTO OUTBREAK OF ENTAMOEBA HISTOLYTICA

1. The FHO has been notified by the Canadian EHT that there have been a number of cases of *E. histolytica* amongst members of Brown & Root (B & R) contractors.
2. The FEHS has been notified and given the task of conducting an investigation into the causes for the outbreak , and to conduct a training session on personal hygiene for the B&R personnel.
3. An inspection of the B & R building (INVECO) is to be conducted by the FEHS with emphasis on the method with which the local cleaners undertake their duties.


M. WAIXEL
CAPT
FHO

1 Nov 94

HQ UNAMIR II



MINUTE

775-2-1
UNAMIR HQ 149/94

AS MSF
(ATTN: WO1 REIDY)

WARNING ORDER : INVESTIGATION INTO OUTBREAK OF E.HISTOLYTICA

1. A number of cases of Entamoeba histolytica have been identified amongst Brown & Root personnel. At present the Canadian EHT is gathering these personnel and other members of the company together to conduct interview. It is also envisaged that a brief on personal hygiene will be conducted at the same time to prevent a recurrence of this disease.
2. Australian EHS personnel are to assist the Canadian EHT in the interview procedure and the conduction of the personal hygiene brief.
3. The date , time and location for the activity will be notified as soon as they are available. It should be anticipated that these activities will commence within the next 48 hr.
4. FHO is to coordinate the activity and direct liaison with CPL Cooney, the Canadian EHT, is authorised.

S.V.PRESS
MAJ
G4 MED

/ Nov 94

CORRESPONDENCE DISTRIBUTION
COVER SHEET

File No. _____

Correspondence No. _____

To: FMO 24/10 Remarks/Action: _____

Med Ops

Med log

Capt Blair

*to the amount of time spent
on AUSMED tasks justified? P.*

Please initial and date when action complete then pass quickly.

*40 These times are not a true reflection
of the section's work load.*

SUB UNIT ACTIVITIES FOR THE WEEK.....FOR INCL IN WEEKLY SITREP

<p><u>Wed 19 Oct 94</u></p> <p>Sgt TZ, CPL Rockcliffe, LCPL Pratt and LCPL Muller on Leave (RTU 22 Oct 94).</p> <p>Conducted hospital inspection of wards and Path (1hr) Reidy.</p> <p>Conducted water testing of AUS MED and Hospital water distribution points (2hrs) Reidy.</p> <p>Conducted water chemical testing of UN water distribution point (1hr) Reidy.</p> <p>Visited UN HQ to arrange Environmental Health Section Deployment Sectors 3, 4 and 5. (1.5 hrs) Reidy.</p> <p>Drafted Warning Order Environmental Health Section Deployment Sectors 2, 4 and 5 (2hrs) Reidy.</p> <p><u>Thu 20 Oct 94</u></p> <p>Conducted hospital inspection of wards and Path (1hr) Reidy.</p> <p>Conducted water testing of AUS MED and Hospital water distribution points (1.5hrs) Reidy.</p> <p>Inspected AUSMED kitchen (1 hr) Reidy.</p> <p>Inspected AUSMED accommodation (1.5 hrs) Reidy.</p> <p>Attended Environmental Health Training at Hospital Path (2hrs) Reidy.</p> <p>Inspected Whimps Restaurant (1.5 hrs) Reidy.</p> <p><u>Fri 21 Oct 94</u></p> <p>Conducted 10% spot check on Environmental Health Section Equipment (1.5 hrs) Reidy.</p> <p>Conducted Bacterial Water tests on AUSMED, Hospital and UN water distribution points (3hrs) Reidy.</p>	
--	--

SUB UNIT/SECT/BRANCH.....Please return to OPSO at CO weekly conf 1330 hr Fri

SUB UNIT ACTIVITIES FOR THE WEEK.....FOR INCL IN WEEKLY SITREP

<div><div>Fri 21 Oct 94 Cont-</div><div>Inspected Kigali Landfill tip (1.5hrs) Reidy. Conducted Non Tech of EHS vehicle and trailor (1.5hrs) Reidy.</div></div>	
---	--

SUB UNIT/SECT/BRANCH.....Please return to OPSO at CO weekly conf 1330 hr Fri

SUB UNIT ACTIVITIES FOR THE WEEK.....FOR INCL IN WEEKLY SITREP

Mon 17 Oct 94

Conducted chemical water tests at hospital water point (1hr) Muller
Conducted pest control program of infantry security points (1hr) Muller
Conducted Hospital spot check inspection (1hr) Pratt.
Inspection of medical waste point conducted (1hr) Reidy
Conducted inspection on AUSMED kitchen (2 hrs) Rockcliffe
Conducted chemical water tests at UN water distribution point (1hr) TZ.
Inspection of AUSMED kitchen rubbish point conducted (30 min) Rockcliffe.
Conducted pesticide spraying of AUSMED rubbish point (30 min) TZ.

Tue 18 Oct 94

Supervised clean up of AUSMED rubbish point (1hr) Rockcliffe.
Sprayed AUSMED rubbish point (45 min) Pratt.
Conducted Accommodation Inspection of AUSMED accommodation (2hrs) Reidy.
Conducted chemical water tests on AUSMED water distribution point (1hr) Muller.
Conducted chemical water tests on Hospital water Distribution point (1hr) TZ.
Supervised removal of books from Evac Room (4hrs) Pratt.
Conducted rodent control program of AUSMED kitchen (1hr) Muller.
Conducted HQ AUSMED Health Inspection check list inspection (2 hrs) Reidy.
Conducted chemical water tests at UN water distribution point (1hr) Pratt and Muller.

SUB UNIT/SECT/BRANCH.....Please return to OPSO at CO weekly conf 1330 hr Fri

CORRESPONDENCE DISTRIBUTION
COVER SHEET

File No. 775-2-1

Correspondence No. _____

To: fmo Remarks/Action: WL

Mod Op 13/10

Matt waxel - pls brief. A.

Mod log

FHO →

PC

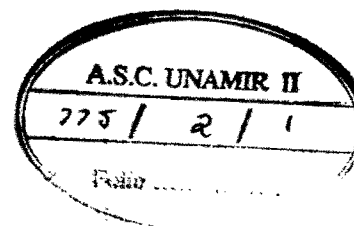
Please initial and date when action complete then pass quickly.

C

ASC UNAMIR II



MINUTE



436-1-1
ASC UNAMIR II OPS/94

HQ UNAMIR (FOR FMEDO)

MASS GRAVE INSPECTION POLICY

Reference:

- A. COO Operations Conference of 10 Oct 94
- B. HQ UNAMIR MED BR Minute 108/94 of 11 Oct 94

1. During Reference A it was made clear that UNAMIR was not to become involved in Mass Graves. It was stated that if a mass grave site might prove a health risk to UNAMIR troops, then the troops were to move. Furthermore, it was emphasized that the responsibility for the grave sites rested with the Rwandan Government.
2. Medical Branch did not have a representative at Reference A, due to a lack of an invitation. Suggest the policy be discussed with COO before the direction of Reference B becomes a Force Health Officer policy.

P.F. MC INTOSH
P.F. MC INTOSH
LTCOL
CO

12 OCT 94

HQ UNAMIR II



MINUTE

755-2-1
HQ UNAMIR II /94

See Distribution List:

FIELD SANITATION SURVEY

1. The purpose of a field sanitation survey is to determine if the health and well being of troops is at risk due to unacceptable field health practices. Health reports must be clear, brief, relevant and technically accurate. The report is to be written as a minute.
2. The content of the report will vary according to the nature of the facility inspected. Comments are to include:
 - a. areas of unit responsibility ;
 - b. sanitary condition of the general environs of the area under inspection ;
 - c. structural condition of any buildings and their suitability for the purpose used ;
 - d. presence of disease vectors , vermin and insects ;
 - e. condition and suitability of fixtures , fittings and appliances. Include latrines , ablutions , laundry , kitchen , messes and accommodation areas ;
 - f. refuse disposal ;
 - g. waste water disposal ;
 - h. potable water supply ;
 - i. food quality ;
 - j. food storage and handling , including the demonstrated expertise of staff to undertake the tasks allocated to them ;
 - k. Occupational health and safety practices and protective facilities in work areas ; and
 - l. appropriate recommendations deemed relevant to correct any defects observed.

3. All reports are to be addressed to the appropriate facility commander and the FHO is to be included as an information addressee.


M. WAIXEL
CAPT
FHO

8 Oct 94

Distribution:

FMO
EHSCOM

UNAMIR II

LEVEL 1 F/CY

[illegible]

Day No 2

1. Check with AUSMED to confirm that they will report from Sunday to Sat as required (this report is for Sun-Sun).

2. Tell them to now send one copy to us only ~~and we with their weekly sitrep details~~. We will fwd to LHA.
for HTH sitrep details.
report file pls.
L

HQ UNAMIR II



MINUTE

775-2-1
HQ UNAMIR II //9 /94

AS MSF

HEALTH INSPECTION TASK

Reference:

A. FHO CONFERENCE 14 OCT 94

1. As of the 16 Nov 94, the EHT 23 PFA becomes non operational, thus leaving the AS EHS as the only Environmental Health section's in Rwanda. The Canadians will only have one Environmental Health Technician in country as of the 21 Oct 94.
2. As a result of the FHO conference there was identified a need to deploy an EHS to Sectors 3, 4 and 5 to ensure that UNAMIR units were inspected regularly and that health advice, vector eradication and water analysis programs are conducted.
3. There was also identified the need to assist 23 PFA in their handing over of their humanitarian tasks to NGO groups and to ensure the AS EHS were conversant with these areas if assistance was called for from the NGO's at a later date.
4. It was also noted that an EHS presence at AS MED Kigali and TSG Butare will still need to be maintained and that EHS members are given the opportunity to take short leave.
5. After discussions with the EHSCOMD the following tasks are to be commenced on the 22 Oct 94:

TASK:

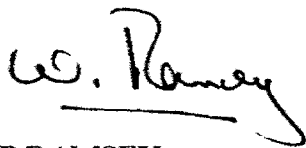
- a. a section consisting of a SGT and two OR's is to commence an Environmental Health Inspection tour of UNAMIR units within Sectors 3, 4 and 5 with the following tasks:
 - (1) health inspection of each unit location.
 - (2) advise units on field sanitary devices, their construction and their location.
 - (3) ~~conduct water analysis.~~
-

- (4) conduct vector eradication program ,
- (5) conduct training in Public Health at each location , and
- (6) gather health information within the area.
- b. It is envisaged that the tour is to take a maximum of 14 days to complete with the section spending 2 - 3 days in each location depending on the problems encountered. The tour is to be conducted on a 21 day basis.
- c. At the completion of the tour , the team is to correlate their information , brief the EHS COMD on the problems encountered. A formal health appreciation , data and statistics is to be forwarded to the FHO.

TASK:

- a. To assist the 23 PFA in handing over their humanitarian tasks to NGO groups , the EHS COMD is to :
- (1) detach a Sgt and two OR's to 23 PFA for a period of seven days prior to 16 Nov 94 .

6. These tasks form part of the Force Health plan and are to take priority over all other Environmental Health tasks.



W.P. RAMSEY
COL
FMO

16 Oct 94

HQ UNAMIR II



MINUTE

775-2-1
HQ UNAMIR II 11/2/94

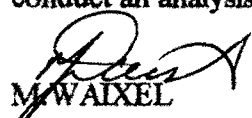
CAPT M.BURGESS

For information:

BRITCON LO

KILAMANJARO WATER ANALYSIS

1. A water analysis of Kilimanjaro water (batch no; 6006359000207 and 5023361156785) for bacterial contamination was conducted by the Force Environmental Health Section on the 11 Oct 84, using the field monitor test kit.
2. Tests conducted over a 24 hr period, revealed :
 - (1) total coliform count for 100ml of sample was To Numerous To Count;
 - (2) total coliform count for 10 ml of sample was 350 colonies; and
 - (3) faecal microbiological count was not performed.
3. Given the above results it is recommended that the above brand of water be removed from issue to UNAMIR troops.
4. Due to the number of cases in which the water sample failed to meet the standards of potable water and the unreliability of the Kilimanjaro mountain spring water, it is not to be purchased for consumption by UNAMIR troops.
5. Prior to any water supplier being let a contract for waster supply to UNAMIR, the FHO is to conduct an analysis of the water and inspect the production site.


M. WALXEL
CAPT
FHO

12 Oct 94

C

HQ UNAMIR II



MINUTE

775-2-1
HQ UNAMIR II 106 /94

AS MSF

For information:

23 PFA
(Attn : EHT)

DETACHMENT OF EHS PERSONNEL

Reference:

A. DISCUSSION WO1 EHS 23 PFA / FHO dated 5 OCT 94.

1. With the imminent departure of the 23 PFA , there is a need to ensure that a brief of the units humanitarian efforts is conducted.
2. As discussed in Reference A., there is a requirement to detach a member of the Force Environmental Health Section to 23 PFA for a period of no longer than one week for the conduct of this brief.
3. It is envisaged that the Force Environmental Health Section will initially take over 23 PFA humanitarian tasks until an NGO has been identified to accept the responsibility for these areas.
4. It is requested that a member of the Force Environmental Health Section be identified for this task and be available for detachment for the period 17 - 21 Oct 94.
5. A report of the detachment is to be sent to the FHO on completion of the task..

S.V. PRESS
MAJ
G4 MED
// Oct 94

CORRESPONDENCE DISTRIBUTION
COVER SHEET

C

File No. 775 -2-1

Correspondence No. _____

To: fmC Remarks/Action: WP

Mod Op

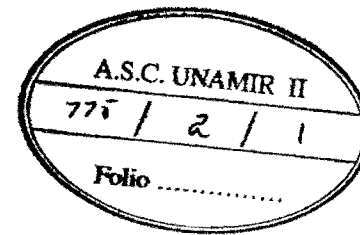
Mod key

F40 11/10

Agreed. P.

PD

Please initial and date when action complete then pass quickly.



ASC UNAMIR 11



MINUTE

436-1-1
EHS 73 /94

HQ UNAMIR II
(Attn: FHO)

ENVIRONMENT HEALTH SECTION (EHS) TASKS-BYUMBA

1. The following tasks are to be undertaken by the EHS during the period 12-13 Oct 94:
 - a. construct and install an inclined incinerator;
 - b. conduct pest control programs;
 - c. construct and install fly proof cabinets in the NICOY kitchen;
 - d. provide health education on malaria prevention;
 - e. provide health education on living in the field;
 - f. inspect MILOPS facilities and conduct pest control program; and
 - g. treat potential mosquito and fly breeding areas.
2. As the Kigali EHS will be absent until Thu 13 Oct 94, this unit request health support from the FHO during the above period.


F.T. REIDY
WO1
SECT COMD

10 OCT 94

INDEPENDENT TEST ON
KILIMINJARO WATER.

C

D
11/10 2/3

PARASITOLOGY CLINICS

(Travel & Tropical Medicine, General Medicine,
General Surgery & Diagnostic Laboratory)

Angels Kothek Rd
Opp. Hurlingham Hotel
Towards Yaya Centre

P.O. Box 73548
Nairobi
Tel: 772364 7-8620

Dr. C.N. Chunge MScB MSc CNM MSc PhD
Dr. G. Gakenye MScB MMed
Dr. B.B.A. Estambale MScB MSc OTM & H
Dr. Ruth Chunge BSc MSc PhD

REF: 3679 DATE: 10/11/94
NAME OF PATIENT: Marie-Therese Maimari
AGE: SEX:

REFERRING DOCTOR: Self request

NATURE OF SPECIMEN: Bottled water test Bacteriology

DATE RECEIVED: 5/10/94

DATE REPORTED: 10/11/94

THE REPORT: Bottle 2

Bacteriology Report

Coliform Count (MPN*): 0 per 100 mls of water

Escherichia coli type I: 0 per 100 mls of water

* MPN = Most Probable Number

Conclusion

The water sample is classified as Class I which means it is highly satisfactory for human consumption.

Examined by: Mwaniki; Checked by: Dr. Ruth Chunge.

Ruth Chunge

HQ UNAMIR II



MINUTE

775-2-1
HQ UNAMIR 108/94

FMO¹

For information:

AUSMED
FRAFBATT
NICOY
CANCOM

MASS GRAVE INSPECTION RESPONSIBILITIES

1. There is a requirement to conduct health inspections on reported mass graves to determine their potential to cause the spread of disease to the local populace and/or to UNMAIR forces in the area.
 2. To ensure that all AO's are covered , the following areas of responsibility are indicated:
 - a. Sector 3A and Sector 4 are to be the responsibility of the EHS located at Butare ,
 - b. Sector 5 is the responsibility of FRAFBATT,
 - c. Sector 1 is the responsibility of NICOY ,
 - d. Sector 6 is the responsibility of EHS CANCOM ,
 - e. Sector 3B and the augmentation of the EHS at Butare is the responsibility of the EHS located at Kigali , and
 - f. Sector 2 is the responsibility of the FHO augmented by the EHS located at Kigali.
 3. The FHO will conduct training in the Inspection regime for grave sites for all personnel , and will be in the form of On the Job Training.
 4. All inspections are to be cleared through the FHO and reports are to be addressed direct to the FHO and signed by the leader of the inspection team.
-

C

5. All team leaders are to be aware of the nature of these inspections and are to conduct debriefings with all members of the inspection teams at the completion of the inspection. It is recommended that a person qualified in crisis counselling be included in the debrief.


M. WAIXEL
CAPT
FHO

// OCT 94

C

HQ UNAMIR II



MINUTE

775-2-1
HQ UNAMIR 101 /94

AUSMED EHSCOM
CANCOM EHSCOM
23 PFA EHSCOM
FRAFBATT
NICOY

FORCE HEALTH OFFICER'S CONFERENCE FRIDAY 14 OCT 94

1. The FHO is to conduct an Environmental Health conference on the 14 Oct 94 at 1330hr in the UNAMIR conference room.
2. Addressees are to notify the FHO NLT 140800 Oct 94 of their attendance.
3. Agenda items are:
 - a. mass grave sites ,
 - b. section training ,
 - c. section responsibilities ,
 - d. Health Intelligence reports , and
 - e. Sector briefs from participants.
4. Conference is open to all Offr's and SNCO's of Environmental Health Sections.


M. WALXEL
CAPT
FHO

9 Oct 94

830
C

HQ UNAMIR II

HQ UNAMIR II



MINUTE

775-2-1
HQ UNAMIR II 95 94

See Distribution List

HEALTH ADVICE ON LOCAL RESTAURANTS

①

1. A number of restaurants have reopened in the Kigali area have been inspected by the Force Health Officer (FHO). Capt M. Waixel.

2. Following is a list of those premises inspected, with observations and recommendations:

a. Restaurant Le Sierra. Boulevard de la Revolution:

(1) observations:

- (a) the food served on the premise is mainly beef that is purchased from a dealer that is inspected on a regular basis.
- (b) there are a variety of menus available for lunch.
- (c) all meats are stored in refrigerators
- (d) the premise is used as a restaurant and bakery and is open during the hours of 8 am & 6 pm Mon - Sat.
- (e) the bakery and restaurant kitchen are cleaned daily to strict health guidelines.
- (f) all cutlery and crockery are washed in hot soapy water after use; and
- (g) all drinks hot or cold are served in clean glassware

(2) Recommendation. It is recommended that UN troops be encouraged to eat at the Restaurant Le Sierra.

b. Eden Restaurant. Rue du la Burera:

(1) observations

- (a) although the meats are inspected, the preparation of the meats is not to the standards of the Force Health Officer.

②
Copy of this, or a
listing of recommended/
not recommended
restaurants should go
on the notice boards
ACSS
13/10

C

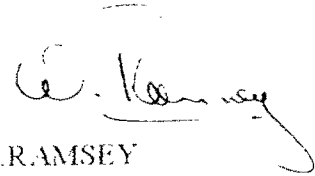
- (b) the kitchen is open air and all foodstuffs are exposed to flies and air borne contamination,
 - (c) the cutlery used for the cutting of the meat is also used to prepare the salads without cleaning the implements,
 - (d) preparation boards used for the preparation of foodstuffs are used for all foods without cleansing between use,
 - (e) pots used for cooking had a large build up of charcoal on the outside and dried mouldy food remains in the inside of the pot, and
 - (f) there was no evidence of their being an area for the washing of crockery or cutlery.
- (2) Recommendation: It is recommended that UN troops should be encouraged not to eat at this restaurant.

c. **Restaurant le Nectar, Avenue de la Justice:**

- (1) Observation:
- (a) the food served in the premise is mainly beef offal
 - (b) there are no fly screens or panes of glass in the kitchen allowing flies access to raw and cooked foodstuffs,
 - (c) the same cutlery is used for the preparation of the meat and salads,
 - (d) there is no refrigeration for the meat, and
 - (e) there was no evidence of hot water or facilities to wash crockery or cutlery
- (2) Recommendation: It is recommended that UN troops should be encouraged not to eat at this restaurant.

- d. UN and NGO personnel are strongly encouraged not to eat at a local restaurant unless that restaurant has been inspected by the FHO or his staff
- e. UN and NGO personnel are encouraged to contact the FHO if they have a particular restaurant they wish to be inspected.
-

C
11



W. RAMSEY
COI
FMO

8 Oct 94

Distribution:

HQ UNAMIR
UNREO (for all NGO)

HQ UNAMIR II



MINUTE

775-2-1

HQ UNAMIR II 95.94

See Distribution List

HEALTH ADVICE ON LOCAL RESTAURANTS

1. A number of restaurants have reopened in the Kigali area have been inspected by the Force Health Officer (FHO), Capt M. Waixel.

2. Following is a list of those premises inspected, with observations and recommendations:

a. Restaurant Le Sierra. Boulevard de la Revolution:

(1) observations:

- (a) the food served on the premise is mainly beef that is purchased from a dealer that is inspected on a regular basis;
- (b) there are a variety of menus available for lunch;
- (c) all meats are stored in refrigerators;
- (d) the premise is used as a restaurant and bakery, and is open during the hours of 8 am & 6 pm Mon - Sat;
- (e) the bakery and restaurant kitchen are cleaned daily to strict health guidelines;
- (f) all cutlery and crockery are washed in hot soapy water after use; and
- (g) all drinks hot or cold are served in clean glassware.

(2) Recommendation: It is recommended that UN troops be encouraged to eat at the Restaurant Le Sierra.

b. Eden Restaurant. Rue du la Burera:

(1) observations:

- (a) although the meats are refrigerated, they are left out in the open prior to preparation.



MINUTE

775-2-1
HQ UNAMIR II /94

FMO

EHS TASKS

1. The Environmental Health Section (EHS) are currently deployed in to Sector 4 and Sector
 2. The composition of these sections are :
 - a. Butare:
 - (1) four personnel (Sgt & three).
 - b. Kigali:
 - (1) four personnel (Sgt & three).
 2. WO1 Reidy as the EHS commander is located in Kigali as part of the AS MED HQ.
 3. The personnel at Butare are conducting the following tasks:
 - a. visiting displaced persons camps on a daily basis to:
 - (1) water analysis of all water distribution points,
 - (2) water analysis of local water sources,
 - (3) fumigation of open trench latrines,
 - (4) supervision of construction of new sanitation facilities,
 - b. pest eradication program of immediate UN units,
 - c. inspection of TCHAD unit at Kaduha,
 - d. inspection of ETHIOBAT unit at Cyangugu,
 - e. conduct a Health Intelligence Survey of the townships Butare, Gikongoro and Cyangugu, and
 - f. formulate a fumigation and sanitation program for UN units in Sector 4.
 4. The personnel at Kigali are conducting the following tasks:
-

C

HQ UNAMIR II



See OR.

MINUTE

775-2-1

HQ UNAMIR II 91/94


See Distribution List:

FIELD SANITATION SURVEY

1. The purpose of a field sanitation survey is to determine if the health and well being of troops is at risk due to unacceptable field health practices. Health reports must be clear, brief, relevant and technically accurate. The report is to be written as a minute.
 2. The content of the report will vary according to the nature of the facility inspected. Comments are to include:
 - a. areas of unit responsibility ;
 - b. sanitary condition of the general environs of the area under inspection ;
 - c. structural condition of any buildings and their suitability for the purpose used ;
 - d. presence of disease vectors , vermin and insects ;
 - e. condition and suitability of fixtures , fittings and appliances. Include latrines , ablutions , laundry , kitchen , messes and accommodation areas ;
 - f. refuse disposal ;
 - g. waste water disposal ;
 - h. potable water supply ;
 - i. food quality ;
 - j. food storage and handling , including the demonstrated expertise of staff to undertake the tasks allocated to them ;
 - k. Occupational health and safety practices and protective facilities in work areas ; and
 - l. appropriate recommendations deemed relevant to correct any defects observed.
-

C

3. All reports are to be addressed to the appropriate facility commander and the FHO is to be included as an information addressee.


M. WAIXEL
CAPT
FHO

8³ Oct 94

Distribution:

FMO
EHSCOM

ASC MED SPT FORCE RWANDA



MINUTE

1802/MED

STAFF OFFICER - FOOD SERVICES

For information:

CO AUSMED
FHO*
FMO

**MEDICAL INSPECTION OF LOCAL PERSONNEL TO BE EMPLOYED IN UNAMIR
CONTRACTED BAKERY**

Reference:

A: Your Minute LCC 1310/94 dated 3OCT94

1. It would appear that ENONMAT should be responsible for providing medical clearances for personnel subcontracted to it and not UNAMIR. However I am prepared to follow some of the advice of the Force Health Officer.
 2. The following will be performed by AUSMED:
 - a. FFI - now completed,
 - b. Medical examination by MO, and
 - c. CXR.
 3. Testing for typhoid and hepatitis is an 'invasive' procedure and is not authorised as we have no legal status over the workers in question.
 4. HIV screening is also invasive and is not necessary as no clinical evidence exists for the transmission of this virus through bread.
-

5. It is expected that ECONOMAT will liaise with our RAP and XRay Departments to organise suitable timings.

6. It is recommended that the FHO regularly inspect the premises for levels of personal hygiene which should adequately cater for the questions raised in para 3.



P.E. Nasveld
MAJ
SMO AUSMED

5 OCT 94

CORRESPONDENCE DISTRIBUTION
COVER SHEET

File No. 775-2-1

Correspondence No. 1

To: imo Remarks/Action: WR

Mod Ops

Mod log 1/10

report to follow.

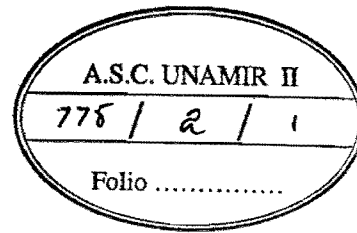
Please initial and date when action complete then pass quickly.

FROM: HEALTH/ENVIRONMENTAL HEALTH SERVICE
NICOY HQ GP SECTOR ONE
UNAMIR BYUMBA CAMP

24. 9. 94

TO: UNAMIR HQ MED BRANCH

FOR: INFO OF F.H.O



REPORT OF SUSPECTED SPOILED
SAFARILAND MILK

1. Random sampling was carried out in various Cartons of the named longlife Milk by the health officer of NICOY GP sector one Byumba Camp.
2. The following observation were seen during the sampling, Four Packets are suspected to be spoiled due to the signs observed. Emanation of offensive odour separation of fats from the water bubbles were seen in the packets, this cause may come from packing system or poor storage system.
3. With the above complication, I am making the following recommendation in other to avoid any food poison or transmission of food borne disease to officers/soldiers of NICOY GP.
 - a. Bacterial Analysis should be carried out.
 - b. The storage system should be improved immediately.

M. MacCarthy

M MACCARTHY
Lt
Heath Officer

WO, Reidy at above loc.

will inspect milk.

[Signature]
Soc 3

CORRESPONDENCE DISTRIBUTION
COVER SHEET

File No. 775-2-1

Correspondence No. _____

To: fmo Remarks/Action: WR
Med Ops PHO has this in hand.
Med log
fuo 15/10

Please initial and date when action complete then pass quickly.

PRECEDENCE-ACTION	PRECEDENCE-INFO ROUTINE	DATE-TIME GROUP	MESSAGE INSTRUCTIONS	
	PRIORITY	1309094	A.S.C. UNAMIR II	
NOTE: Write only one addressee per line			775 / 2	SIG/BRIG/NO
FROM ENVIRO HLTH SECT TSG BUTARE			Folio	
TO CSM ENVIRO HLTH SECT (W01 RE104)				
FOR INFO: FORCE HEALTH OFFICER (CAPT WAIXEL)				
SUBJECT: AMOEBIC DYSENTRY OUTBREAK INVESTIGATION - CYANGUSU ETHIOPIAN BATTALION (ETHIOBAT)				
1. AN INVESTIGATION OF THE POSSIBLE OUTBREAK OF AMOEBIC DYSENTRY AT CYANGUSU WAS INVESTIGATED BY SGT TYSZKIEWICZ AND CAP ROCKLIFF. THE INVESTIGATION REVEALED THE FOLLOWING POINTS, AS HIGHLIGHTED BY THE CO AND MO OF ETHIOBAT:				
A. APPROX 10 CASES OF AMEBIASIS OCCUR EACH WEEK AMONGST THE ETHIOBAT PERSONNEL.				
B. THREE RECENT CASES OF BACILLARY DYSENTERY (SHIGERLOSIS).				
C. OF THE 10 WEEKLY CASES, MOST ARE CONFIRMED BY SYMPTOMATIC DIAGNOSIS AND ONLY SEVERE CASES ARE CONFIRMED BY MICROBIAL TESTING.				
D. MO DECLARED THAT MORE THAN 50% OF PERSONNEL WERE CONTAMINATED WITH VARIOUS PROTOZOAN DISEASES PRIOR TO DUTY IN RWANDA.				
PAGE NO 1	DRAFTER'S NAME AND TITLE SGT TYSZKIEWICZ		PHONE NO	REF FILE NO
NO OF PAGES 4	RELEASER'S NAME AND TITLE	BRANCH/UNIT	SIGNATURE	DATE
				SECURITY CLASSIFICATION

PRECEDENCE - ACTION	PRECEDENCE - INFO ROUTINE <i>RRICITY</i>	DATE - TIME GROUP <i>13 0900 94</i>	MESSAGE INSTRUCTIONS	
	NOTE: Write only one addressee per line			SIG/ORIG NO
	FROM			
	TO			
	E. DRINKING WATER IS SUPPLIED FROM KIGALI BY UNAMIR. THE MG MENTIONED THAT TROOPS ARE NOT DRINKING THIS WATER AS PSYCHOLOGICALLY THEY BELIEVE THIS IS THE PROBLEM.			
	F. WATER FROM THE LOCAL TREATMENT PLANT IS DRAWN FROM A HIGHLY DISCLOSED STREAM THAT RUNS THROUGH AGRICULTURAL LAND. THE PLANT USES FLOCCULATION AND SOME FILTRATION TO CLEAN THE WATER, WITH A RELATIVELY HIGH AMOUNT OF CHLORINE ADDITION. ENVIRO HLTH SECT TSS BUT ARE UNSURE IF FLOCCULATION WILL REMOVE CYSTS. ACCORDING TO CCOM, CHLORINATION DOES NOT ALWAYS KILL CYSTS.			
	G. SANITATION APPEARS ADEQUATE THOUGH REFUSE IS DISPOSED OF ON SITE IN SMALL PITS WITH NO EARTH COVERING. ABLUTION AREAS ARE ALSO ADEQUATE THOUGH A MORE THOROUGH CLEANING IS ADVISABLE.			
PAGE NO <i>2</i>	DRAFTER'S NAME AND TITLE <i>SGT TYSZKIEWICZ</i>		PHONE NO	REF FILE NO
NO OF PAGES <i>4</i>	RELEASER'S NAME AND TITLE	BRANCH/UNIT	SIGNATURE	DATE
				SECURITY CLASSIFICATION

(G3 Med Laptop C Drive
as WHSR2. WK4)

OF TAMAR

UNAMIR II

WEEKLY HEALTH SURVEILLANCE REPORT

LEVEL 1 FACY

LOCATION:

REPORT PERIOD:

[illegible]

NOTES:

1. This form is used to collect NBCAS data from AS level one facy.
2. To be used for AS pers on OP TAMAR.
3. Rpt period is SUN to fol SAT.
4. Submit within 48 hr of end of pd each week.

C

ASC UNAMIR 11



MINUTE

Med to 9/2/94

775-2-1

CTO

For Information:

G4 TPT

G4 MED

FORCE HEALTH OFFICER VEHICLE REQUIREMENTS

1. Capt M. Waixel the Force Health Officer is being employed as a Staff Officer to MED Branch and at present with no dedicated vehicle is utilising the daily shuttle run and opportune vehicle movement to perform his duties.
2. This practice has proved to be inefficient and ineffective as freedom of movement is reduced, movement to specific areas limited, and inspection time reduced due to restricted vehicle tasking and movements.
3. For the FHO to fully complete his tasks and to have freedom of movement to respond to priority tasking, it is requested that a vehicle with off road capabilities be allocated to the FHO for his specific use.

W. P. RAMSEY
COL
FMO

5 Oct 94

C

HQ UNAMIR II



MINUTE

775-2-1

HQ UNAMIR II 94/94

AS MSF

HEALTH INSPECTION TASK

1. It is requested that a member of the EHS located at Butare be tasked to undertake a Health and Disease Inspection of the Ethiopian unit at Cyangugu.
2. This task is as a result of information received about a possible Amoebic dysentery case from Cyangugu.
3. It is requested that a report on observations and recommendations be submitted to this HQ upon completion of this task.

S.V.PRESS
MAJ
G4MED

4 OCT 94

C

HQ UNAMIR II



MINUTE

775-2-1
HQ UNAMIR II 93/94

MR THIERRY GARDEUX

FOOD INSPECTION AT KICUKIRO


1. An inspection of the foodstuffs stored at Kicukiro Church was conducted by Capt M. Waixel, the Force Health Officer on the 3 Oct 94.
2. The following observations were noted:
 - a. the rice was contained in hessian bags that showed signs of water contamination,
 - b. rodent faecal matter and signs of rodent urine were found on the bags, and
 - c. the rice on examination was found to be dry, hard and lacking colour.

CONCLUSION:

3. The rice when rubbed between the fingers tended to break up and turn to dust, added to this the contamination of the product by rodent faecal matter makes the rice unsuitable for human consumption.

RECOMMENDATION:

4. It is recommended that the rice not be accepted, and be returned to the supplier.


M. WAIXEL
CAPT
FHO

4 OCT 94

MESSAGE FORM

NOTE: Shaded areas are for COMMCEN/SIGS use only.

LINE 1		SECURITY CLASSIFICATION AND SPECIAL HANDLING INSTRUCTIONS	
LINE 2		UNCLAS	
LINE 3			
LINE 4			
LINE 5			
PRECEDENCE ACTION	PRECEDENCE INFO ROUTINE	DATE TIME GROUP	MESSAGE INSTRUCTIONS
ROUTINE		050655 Z OCT 94	
ROUTING INDICATORS	NOTE: Write only one addressee per line		SIG ORIG NO
	FROM HQ WAMC / MAC BR		MED
	TO SECTOR L3 HQ / RMC FRAISAT		019/94
			GR
SUBJECT DESTRUCTION OF WANDERING DOGS			
A YOUR SIG MSG DATED 30/10/88 30/94			
1. FMO HAS AGREED TO THE DESTRUCTION OF THE WANDERING DOGS IN YOUR AREA			
2. METHOD OF DESTRUCTION IS TO BE BY SHOOTING USING 9MM PISTOL OR OTHER CALIBRE PISTOL			
3. SHOOTERS TO BE SELECTED FROM YOUR UNIT PERSONNEL WHO ARE PROFICIENT WITH PISTOL			
4. REQUEST NOTIFICATION TO FMO ON COMPLETION OF TASK AND ANIMALS BE EXAMINED FOR DISEASE			
PAGE NO	DRAFTER'S NAME AND TITLE		PHONE NO
1	WAMC FMO		EXT 1115
NO OF PAGES	RELEASEE'S NAME AND TITLE	BRANCH/UNIT	REF FILE NO
1	WAMC OIS W		7/75-2-1
		SIGNATURE	DATE
		[Signature]	5 OCT 94
		SECURITY CLASSIFICATION	
		UNCLAS	

NOTE: Shaded areas are for COMMCEN/SIGS use only.

Stock No 7530-66-094-6819

File.

C

HQ UNAMIR II



MINUTE

775-2-1
HQ UNAMIR II 9/94

G3 OPS

MASS GRAVE SITE AT 4A/03

Reference:

- A. 23 PARAFDAMB SIG 19B DATED 020820Z OCT 94
- B. 23 PARAFDAMB MINUTE 1390/13 DATED 2 OCT 94

1. After examining the sig at Reference A., and the minute at Reference B., the following actions are required to prevent the spread of disease and the bodies being washed out of the graves located at 4A03:
 - a. the three grave sites be covered with 20mm of lime;
 - b. the graves then be covered with 900cm of top soil, and the top soil compacted;
 - c. all sites to have dug at the leading edge and side of the graves a surface water runoff channel;
 - d. a sump to be dug at the lowest edge of the grave; and
 - e. all sites to be wired off to prevent access to the site by wildlife.
2. It is estimated that approximately 10000 kgs of lime will be required for the task.
3. It is imperative that the lime and tasks outlined above are undertaken immediately to prevent the spread of disease to UN troops and the local populace.
4. A detailed inspection of the site will be conducted by the FHO to determine the long term solution to the problem.


M. WALKEL
CAPT
FHO

4 Oct 94



MINUTE

775-2-1
HQ UNAMIR II 89 /94

CAPT M.BURGESS

FOOD INSPECTION OF FRENCH SUPPLEMENTARY RATIONS

1. A food inspection on French supplementary rations was conducted by the Force Health Officer, Capt M. Waixel on the 29 Sep 94. The rations were located at a storage facility in Del Es Salaam , Tanzania.
2. All the rations were contained in plastic bags and packaged into cardboard boxes which held 25 of the plastic bags.
3. In some incidences the external packaging had been damage due to crushing or through water entering the shipping container. There was some damage to the rations but was limited to the soft containers of pureed fruit.
4. A random selection of three boxes from each shipping container were chosen for inspection , with 6 of the 25 ration packs contained within the boxes inspected.
5. The following observations were noted:
 - a. the puree fruit containers were susceptible to crushing and their integrity can not be guaranteed,
 - b. cans of Salad de Legumes were found to be leaking and their seals damaged,
 - c. cans of Cassoulet manufactured by Dumeril were found to be leaking due to faulty seals, and
 - d. cans of Mackerel manufactured by Les Delices De St Cado were found to leaking .
6. Of all the packages inspected the only single item identified as being inedible or it's integrity questionable were the containers of pureed fruit. This was due to the container being crushed and allowing the contents to be exposed to the air.
7. The other items listed as being damaged or contaminated do not represent a true indication of the items general condition , as there were individual ration packs containing those listed items that were not damaged or contaminated.

8. Recommendations: It is recommended that the French Supplementary Rations be accepted as being edible and that each individual pack be inspected prior to issue to ensure the contents are not damaged and that the packets of puree fruit are removed.


M. WAIXEL
CAPT
FHO

2 Oct 94

HQ UNAMIR II



MINUTE

775-2-1
HQ UNAMIR II 8A/94

FMO

DESTRUCTION OF WANDERING DOGS AT FRAFBATT HQ

Reference:

A. SIG SECTOR 4B HQ / RMO FRAFBATT dated 301628Z SEP 94

1. Reference A , is a request from Frafbatt HQ for the provision of poison for the destruction of wandering dogs within the area.
2. The only poison held by the EHS is Racumin , specifically designed for the baiting of rodents. Racumin may be used , but death of the animal will depend on it's weight and the amount of poison consumed. The poison if not taken in large enough dose will cause severe suffering of the animal. Baiting may lead to the accidental illness or death of a local if the bait is consumed.
3. It is recommended that permission be granted for the wandering dogs to be shot by select members of Frafbatt using 9mm pistol.


M. WAINEL
CAPT
FHO

3 OCT 94

~~SIG~~ FHO - I agree
Respond to Frafbatt on
my behalf
WP

3 Oct

Sig. sent
4/10
MD

CORRESPONDENCE DISTRIBUTION
COVER SHEET

File No. 775 - 2 - 1 Correspondence No. _____

To: fmo Remarks/Action: WJ

Med Qc

Med key 3/10

Please initial and date when action complete then pass quickly.

C

OAAUZYUW UCCVVDF0006 2731628-0000--UCCVVLA

ZNR UUUUU

O 301628Z SEP 94

FM SECTOR 4B HQ//RMO FRAFBATT/

TO UNAMIR HQ KIGALI//UN AUSTRALIAN HEALTH HYGIENE TEAM/

UNAMIR HQ KIGALI//UNAMIR EOTYU%KIGALI//

INFO UNAMIR HQ KIGALI//RMO/

BT

UNCLAS LOG 037

FRAFBATT HEAD QUARTERS IN KIBUYE IS INVADED BY WANDERING DOGS. THE VETERINARY OF FRAFBATT HAS ALREADY ASKED FOR POISON FOR DOGS TO HEALTH AND HYGIENE TEAM IN UNAMIR BUT THIS REQUEST HAS NOT YET BEEN SATISFIED. LAST NIGHT SEPTEMBER 29 1994 A WANDERING DOG HAS BITTEN A UN ~~MILITARY~~ IN KIBUYE HEAD QUARTERS. THIS DOG HAS NOT BEEN CATCHED FOR OBSERVATION. THIS ~~SITUATION OBLIGE~~ TO VACCINATE THE UN MILITARY.

WE REQUEST A.S.A.P.

1. POISON FOR DOGS.
 2. VACCINE AGAINST RABIES TO VACCINATE THE UN MILITARY ACCORDING TO PROTOCOL OF 07 INJECTIONS.
 3. OR MEDEVAC BY REGULAR FLIGHT OF MONDAY FOR KIBUYE.
- IF VACCINE WILL BE SENT TO RMO FRAFBATT, THEY CAN BE SENT BY THE REGULAR FLIGHT OF MONDAY MORNING IN KIBUYE.

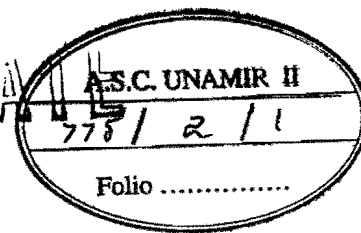
BT

#0006

2KV.1647L

Received 09-30-1994 16:42:47

IMMEDIATE



HQ UNAMIR II



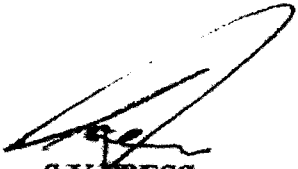
MINUTE

775-2-1
HQ UNAMIR II 88 /94

AS MSF

HEALTH INSPECTION TASK

1. It is requested that WO1 Reidy visit NICOY at BYUMBA to provide advice and assistance to the NICOY Health Officer, LT McCarthy. The Force Health Officer previously tasked to visit this unit is no longer available.
2. It is also requested that WO1 Reidy reviews local proposals to assist the community in this prefecture. It is expected that the task is to be conducted during the period 3 - 6 Oct 94.
3. Transportation for WO1 Reidy has been arranged, and he is to be at this unit NLT 0800 hr 3 Oct 94.
4. It is requested that a report on findings and recommendations be submitted to this HQ upon completion of this task.


S.V. PRESS
MAJ
G4 MED
2 Oct 94

C

CORRESPONDENCE DISTRIBUTION
COVER SHEET

File No. 775-2-1

Correspondence No. _____

To: FMO

Remarks/Action: _____

Med Op 25/9

Med log

FHO - for info.

f

Steve, pls inform contents to FHO
CAPT Waixel.

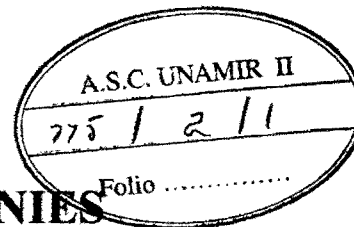
R.

Also monitor these results.

Please initial and date when action complete then pass quickly.

[Signature]

C



UNITED NATIONS
ASSISTANCE MISSION FOR RWANDA

NATIONS UNIES
MISSION POUR L'ASSISTANCE AU RWANDA

UNAMIR - MINUAR


ECONOMAT (Attention: MR T. GARDEUX)

For Information:

FMO
CSS
CLOGO
CCLOGO

SUBJECT: WATER TESTING AT ECONOMAT CONTRACTED BAKERY - KIGALI

1. A water sample was obtained from the Economat contracted bakery when visited on 22 Sep 94. The sample was taken from the tap within the bakery and is the water to be used for the production of bread to fulfil the UNAMIR order.
2. Enclosed are the results of the test, which indicate that the water is safe for this task.


M.J. BURGESS
CAPT
SO FOOD SVCS

25 Sep 94

~~Enclosure~~ 6675-2 (P MED) WATER TESTING - KIGALI BAKERY

6675-2 (P Med)

22 Sep 94

Capt Burgess

WATER TESTING
KIGALI BAKERY

Refs: Water Sample 23 Sep 94.

As req the water sample obtained at ref was tested by 1 CDHSR Preventive Medicine Technician and the result was:

- a. water 23 Sep 94 Control- negative; and
- b. bakery water sample 23 Sep - negative.



B. Collins
Capt
2 I/C Med P1
2027



AUSTRALIAN ARMY
ASC UNAMIR

MINUTE

436-1-1
ASC UNAMIR 153/94

Force Health Officer

For Information:

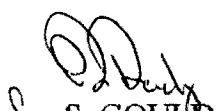
CO ASC

WATER SAMPLE TEST - KILIMANJARO MOUNTAIN SPRING WATER

Reference:

A. MPA Vol 3 Chap 37

1. IAW Ref. A, two independent tests of water (Kilimanjaro) for bacterial contamination were conducted by the Environmental Health Section (EHS) on 26 Oct 94, using a field monitor test kit.
2. Tests conducted over a 48 hour period, revealed no total or faecal bacterial counts after the required incubation period.
3. Given the above results, the EHS recommends that Kilimanjaro Mountain Spring water is safe for human consumption by UN personnel.


S. GOULD
MAJ
OPSO

30 Sep 94

3/10
FHO → notify SO3 sup

CORRESPONDENCE DISTRIBUTION
COVER SHEET

File No. 775-2-1

Correspondence No. _____

To: COMASC 8/9 Remarks/Action: WR

Med Ops

8/9

Med log

CCUR

Steve, pls pass a copy to AUSMED for FHO
(Captain Warick)

Please initial and date when action complete then pass quickly.

⇒ Med log - confi action by Choy O.

Pls note

FHO
scan
latest report from Aust EHS for samples. NAD

1390/13

HQ BRITCON
KIGALI
RWANDA

See Distribution



7 Sep 94

KILIMANJARO WATER

1. Following a number of unacceptable bacteriological results on the subject bottled water, carried out by the Canadian Preventive Medicine Team, a similar analysis was carried out by the Environmental Health Team (EHT) HQ BRITCON on a random sample of Kilimanjaro water on 03 Sep 94.
2. The bacteriological analysis was carried out using Millipore Samplers (Total Count) and incubated at 37°C using the Millipore portable incubator.
3. Results were available 24hrs after initial incubation. The total count was in excess of 300 colonies/ml, which fails to comply with even the less stringent of drinking standards, which allows 10 colonies/ml, provided non feecal are coliforms.
4. Although the subject bottled water is not consumed as a matter of routine throughout BRITCON, it does however form a significant reserve. On 05 Sep 94 COMBRITCON was advised by the undersigned, that the subject bottled water should not be made available for consumption until such time as the various batches of water held in reserve were analysed, and found to be bacteriologically safe.
5. As a final note, the Reverse Osmosis water produced by the Royal Engineers is bacteriologically tested each week by the EHT using the same Millipore technique, and to date no coliforms have been isolated.



G D MICCICHE
Capt
for COMBRITCON

rated  LOG
 OPS

C

Distribution:

Internal:

COMBRITCON

CO 23 PFA

Log Ops

External:

Action:

HQ UNAMIR - CAO
CLogO

Information:

HQ UNAMIR - CMO
FHO

JHQ

HQ UNAMIR II



MINUTE

775-2-1
HQ UNAMIR II 83/94

AS MSF

HEALTH INSPECTION TASK

Reference:

A. Minute 12/94 Post Deployment Report - Kibuye dated 20 Sep 94

1. It is requested that an EHS person who is currently located at Butare be tasked to undertake a Health Inspection of the TCHAD Coy located at Kaduha.
2. This task is as a result of a request from the TCHAD Coy after a visit by WO1 Reidy as detailed in Reference A.
3. It is requested that a report on observations and recommendations be submitted to this HQ upon completion of this task.

S.V. PRESS
MAJ
G4 MED
3 Oct 94

→ 775-2-1

C/SIGS/I LARGE
PADS OF 100

MAJOR MESSAGE FORM

MAJOR MESSAGE FORM
PADS OF 100

FOR SIGCEN USE

MAJOR MESSAGE FORM

FOR SIGCEN USE

PRECEDENCE ACTION PRIORITY	PRECEDENCE INFO INFO	DATE-TIME GROUP 20151008094	MESSAGE INSTRUCTION PRIORITY PRIORITY
FROM NIG COY GP HQ	TO UNAMIR HQ (ATTN: MAJ PRESS SQ2)	INFO MED/OPS	SECURITY CLASSIFICATION UNCLASS
ORIGINATOR'S NUMBER NIG COY/OPS/03			

TEXT REQUEST F.H.O VISIT @ REQUEST
F.H.O VISIT TO NIG COY GP HQ
AT BYUMBA CAMP TO ASSIST
ON ENVIRONMENTAL HEALTH
ISSUES THAT REQUIRE OFFICER
LEVEL @ PLEASE TREAT AS
IMPORTANT AND ACKNOWLEDGE

Any time next week.

Message to AS MSF.

21/9

RELEASING OFFICER'S SIGNATURE [Signature] RANK CAPT	MESSAGE DRAFTER'S NAME R.B. KATBWA RANK CAPT	OFFICE	TEL. NO.
---	--	--------	----------

FOR OPR'S USE	DATE	TIME	SYSTEM	OPERATOR	DATE	TIME	SYSTEM	OPERATOR
			SAS					

CORRESPONDENCE DISTRIBUTION
COVER SHEET

File No. 775-2-1

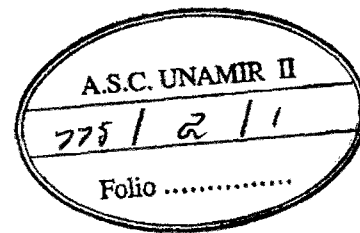
Correspondence No. _____

To: <u>fmo</u>	Remarks/Action: _____
<u>Med Ops 2/9</u>	<u>WR</u>
<u>Med log</u>	<u>[Signature]</u>
_____	_____
_____	_____

Please initial and date when action complete then pass quickly.

.....

C



ASC UNAMIR II




MINUTE

436-1-1
ASC UNAMIR II

OPSO

POST DEPLOYMENT REPORT - KIBUYE

1. Attached is a copy of WO1 Reidy's report on the Environmental Health Section deployment to Kibuye.
2. I agree with the recommendation for the EHS at Butare to conduct an assessment of the Senegalese Platoon located at Kaduha.


M. WAIXEL
CAPT
FHO.

20 SEP 94

Enclosure:

1. POST DEPLOYMENT REPORT - KIBUYE.

ASC UNAMIR II



MINUTE

12 /94

SO3 Health

POST DEPLOYMENT REPORT - KIBUYE

Water Treatment Plant

1. The water treatment plant at Kibuye is operated and maintained by two individuals. The plant is serviceable and the water quality on arrival at Kibuye was poor. Water produced from the plant had no residual free chlorine and the positive hydrogen level was well below the minimum standard. The Environmental Health Section (EHS) was able to make the necessary adjustments to the water quality during their deployment.
2. Formal training in the form of practical demonstrations was given to both plant operators by the EHS. The training conducted concentrated on maintaining a water quality acceptable for human consumption.

Sanitation

3. The Senegalese Battalion Headquarters that is situated in the Kibuye Technical College, experienced no real health problems with sanitation. The EHS conducted minor repairs to the sewer system during its detachment. Several health problems with sanitation were identified in two FRAFBAT positions and these deficiencies were rectified by the EHS.

Disease

4. All FRAFBAT positions except a platoon position at Kaduha were inspected by the EHS. Medical documentation presented to the inspection team, indicated that no communicable disease of military importance existed. On 14 Sep 94, two Senegalese soldiers were admitted to Kibuye Hospital with suspected Chicken Pox's from Kaduha. Both members were evacuated to AUS MED on 15 Sep 94 for further tests.

Cholera Camp

5 A visit to the Mabanza Cholera Camp was carried out on 14 Sep 94. The camp at the time of the inspection was treating 49 cases of Cholera and 39 cases of Dysentery. The camp administrator indicated to the inspection team, that the camp was expected to close early in Oct 94.

Future Tasks

6 It is recommended that the EHS located at Butari, deploy to Kaduha to assess the health and hygiene of the Senegalese platoon in situation.

7 Provide further water treatment chemicals to Kibuye water treatment plant once an agreement has been reached between MILOP (Sector 4B) and RPA liaison officer.


F.T. REIDY
WO1
INSP HLTH

20/SEP 94


SEP 94

UNCLASSIFIED

File

HQ UNAMIR II




MINUTE

775-2-1
HQ UNAMIR II MED 0069 /94

AS MSF

HEALTH INSPECTION TASK

1. It is requested that the Force Health Officer visit NICOY at BYUMBA to provide advice and assistance to the NICOY Health Officer, LT McCarthy. This contingent does not yet have a satisfactory preventive medicine program in place for the troops operating in the BYUMBA Prefecture.
2. Additionally, it is requested that the Force Health Officer reviews local proposals to assist the community in this Prefecture. It should be anticipated that this task may take two to three days and should commence soonest subject to current Force health surveillance priorities. Direct liaison with NICOY on this matter is approved.
3. It requested that a report on findings and recommendations be submitted to this HQ upon completion of this task.


S.V. PRESS
MAJ
G4 MED

22 Sep 94

UNCLASSIFIED

C

CORRESPONDENCE DISTRIBUTION
COVER SHEET

File No. 775-2-1

Correspondence No. _____

To: FMO 21/9 Remarks/Action: WR

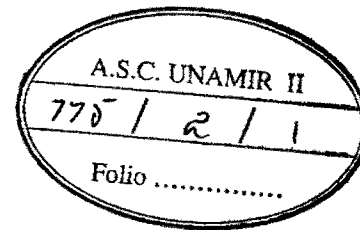
Mod Op

Mod key

Please initial and date when action complete then pass quickly.

.....

C



ASC UNAMIR II



MINUTE

966-2-1
ASC UNAMIR II ENGR 3/94

OC LOG COY

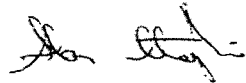
For information:

CO

INITIAL RECON REPORT ON ENGR WORKS FOR CARE AUST ORPHANAGE

1. A Engr recon of the Umushumba Mwiza facility, the future site of the CARE Australia orphanage, was conducted by CAPT A.K. Hughes and CPL L. Deverson on the 19 Sep 94. Ms Kimberley McLean, the displaced children's coordinator for CARE was also in attendance. CARE anticipates that the facility will cater for 120 to 200 children. The figure of 150 seems to be a reliable average. The facility is located approximately 2 km short of the rubbish tip, on the road to Kanombe and is approximately 15 minutes drive from AUSMED..
2. The existing facility is in good repair and comprises the following:
 - a. Four, brick and mortar, single story buildings, that will be utilised as accommodation dwellings. Two of these buildings have a bath facility. All floors are concrete and there is no evidence of any structural fatigue or collateral damage due to munitions. A few doors and windows have been broken due to forced entry;
 - b. One kitchen facility which appears small but adequate;
 - c. One shower facility;
 - d. A permanent stores facility;
 - e. One block of six toilets;
 - f. Three 10 000L to 15 000L water storage tanks that encompass a well designed guttering system for the capture of rain water;
 - g. An intact electrical system, with power points and serviceable fluoro tubes in the majority of the facilities' rooms. The fuse box appears to be serviceable and requires eight fuses to be replaced;

- h. Main's water is now running under reasonable pressure into the system that feeds the facility .
Bacterial tests will be required on the quality of this water. The condition of the general plumbing is good; and
- i. Ample vehicle access exists into the property for water delivery or rubbish removal.
- 3. The surrounding area is generally overgrown, with rubbish and glass littering the ground. CARE will employ local personnel for clean up ops and it is anticipated that this will take two days.
- 4. The facility will only require minimal AUSMED effort to obtain a satisfactory operating level for CARE Australia. It is recommended that the following ops be conducted:
 - a. The const of a 10m x 6m timber structure with bituminous cardboard roofing as a dining area;
 - b. The const of six to eight pit latrines utilising the SSL with Auger and incorporating a structure for privacy. The tilt bed trl is currently unserviceable. A request has been submitted to 2IC Log Coy to arrange for its movement through BRITCON;
 - c. The conduct of routine electrical maintenance and the replacement of fuses;
 - d. The conduct of routine plumbing maintenance; and
 - e. The provision of Prevent Med advice to the facility coordinators.
- 5. A detailed recon will be conducted on 20 Sep with trade and Prevent Med elements. CARE Australia has also approached AUSMED for a HRES task of another orphanage. The area appears to be clear of surface ordnance. I would consider it a hearts and minds task for the local sisters of the convent. The task would take 4 hours to complete. With minimal effort, AUSMED will provide essential humanitarian relief to the children of Rwanda, as well as supporting a worthwhile Australian organisation.



A.K. HUGHES
CAPT
ENGR GP COMD

20 SEP 94

CORRESPONDENCE DISTRIBUTION
COVER SHEET

File No. 775-2-1

Correspondence No. 4

To: FMO Remarks/Action: WR

Mod Op

Mod log 15/9

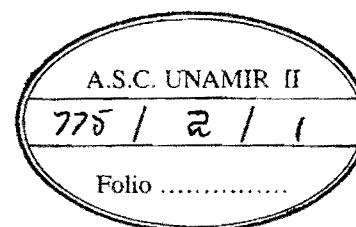
D Follow up test will be passed to log br.

Please initial and date when action complete then pass quickly.

.....
Note: CAPT Waixel wasn't happy with this and he
was following up a detailed report
am



AUSTRALIAN ARMY
ASC UNAMIR



MINUTE

436-1-1

Mr Steven Estell
BMS UNAMIR HQ
Room 3076

For Information:

CO ASC
~~1st Press~~
Health Offr

WATER SAMPLE TEST - NIL MINERAL WATER

References:

A. MPA Vol 3 Chap 37

1. IAW Ref. A., a sample of water (NIL) suspected of bacterial contamination was tested by SGT Tyszkiewicz (EHSURV) using the field monitor test kit.

Results of the test indicated high total bacterial counts. There was no evidence of faecal coliform contamination.

This is crap!!



J.H. TYSZKIEWICZ
SGT
EHSURV

14 Sep 94

CORRESPONDENCE DISTRIBUTION
COVER SHEET

File No. 775-2-1

Correspondence No. _____

To: Comasc 5/9 Remarks/Action: _____

Mod Ops

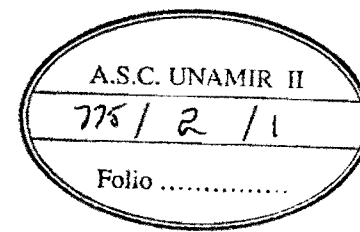
Mod log



WR
New 503 Comasc, Why need
French ration. being issued,
Require certification but for the common.

Please initial and date when action complete then pass quickly.

Note 2 folios!



MINUTE

EH/1

COMASC

For Information:

DCOMASC

GERMAN RATION PACK REPORT

References:

- A. REPORT BY EHO BRITCON (CAPT G.MICCICHE) dated 18 Aug 94.
- B. DISCUSSION MAJ PRESS/CAPT WAIXEL dated 23 Aug 94.
- C. DISCUSSION CAPT WAIXEL/CAPT BURGESS dated 25 Aug 94.

- 1. I.A.W Reference B., and as a result of Reference A., an inspection of a random sample of German ration packs was conducted by Capt M. Waixel, Force Health Officer.
 - 2. A total of four individual packs were chosen from each of the menu types (1-4).
 - 3. The following observations were recorded:
 - a. 14 of the 16 chocolate bars had been adversely affected by heat, with a significant number being infested with insects;
 - b. all of the margarines showed signs of separation and liquifacation, with 7 of these having become rancid;
 - c. all of the coffee whiteners had solidified;
 - d. 28 of the 32 jams had liquified, and
 - e. 14 of the 16 packets of chewing gum had deteriorated to a stage as to be inedible.
-

READY TO EAT MEALS.

4. The main meals of the packs on inspection appeared to be satisfactory where the foil container was not punctured.
5. Of the 16 meals inspected only five proved to have been adversely affected by faulty sealing of the foil.
6. Each of the individual packs contained two 100 g spreads in foil containers. On examination all those spreads with a high fat content showed separation and liquification.

STORAGE.

7. The storage of the packs was of a satisfactory level, and did not appear to correspond to those conditions listed in Reference A..

CONCLUSION.

8. From the inspections undertaken it became evident that the quality of the packs has been affected, and these packs were unlikely to be consumed by the soldier.
9. As the integrity of the foil packs cannot be guaranteed, there is an increased risk of the soldier consuming food that may result in a Gastro Intestinal disease occurring.
10. I.A.W Reference C., these observations were discussed with Capt Burgess, who gave his assurance that he was aware of the problems and was issuing extra ration packs to compensate for those that were inedible.

RECOMMENDATIONS.

11. As the integrity of these packs cannot be guaranteed , then the continued issue of these rations is to cease immediately.
12. The practice of issuing extra packs may not alleviate the problem of the contents being inedible and should cease immediately.
13. Alternative ration packs that meet Australian Defence Force standards are to be issued instead of the German ration packs.



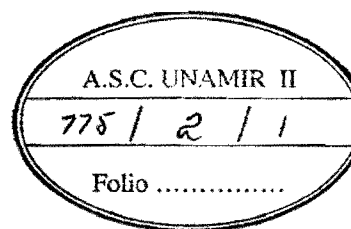
(M. WAIXEL)

CAPT

FHO

/ Sep 94

File dse
→
Department of Defence
(Army Office)



MINUTE

EH/2

COMASC

seen

For Information:

DCOMASC

WATER SAMPLE COLLECTION.

1. The procedure for the collection of water samples is as follows:
 - a. use a clean, 1 litre container (sterile if possible);
 - b. collect the sample from the centre of the stream or water course if possible;
 - c. don't disturb the bed of the water source;
 - d. if the sample is not able to be tested within 1 hour from collection, then the sample is to be chilled during transport, and
 - e. if collecting from a tap or pipe, the surface of the outlet is to be flamed or cleansed with an alcohol based cleanser.
2. Previous samples given to the Australian contingent members had not been chilled and was unable to be analysed due to delay in reaching the Environmental Health Section.


(M. WAIXEL)

CAPT

FHO

2 Sep 94

HQ UNAMIR II



MINUTE

775-2-1
MED BR 0029/94

AS MSF

HEALTH INSPECTION TASK

1. Mr Steven Estell (BMS) HQ UNAMIR Rm 3076 has requested that the Force Health Officer carry out bacteriological water sampling on "NIL" Eau Minerale (sample provided). The results of the water samples should be submitted to this office in report format by the 12 Sep 94.
2. For your information through the Force Engineers Office, HQ UNAMIR is considering purchasing bulk quantities of this brand should it be passed fit for consumption.

S.V. PRESS
MAJ
for FMO

6 Sep 94

UNCLASSIFIED

HQ UNAMIR II



MINUTE

775-2-1
HQ UNAMIR II MED 21 /94

AS MSF

HEALTH INSPECTION TASK

1. The World Food Programme (WFP) UN has requested support from HQ UNAMIR II in the conduct of a health inspection of the World Food Programme warehouse located in Kigali. Initial enquiries were directed to the AS Health Officer and subsequently referred to this HQ for approval.
2. It is therefore requested that the Health Officer conducts an inspection of the subject warehouse and submits a written inspection report to this HQ for WFP by 9 Sep subject to current Force health surveillance priorities. Accordingly, direct liaison with the WFP Administrative Officer is approved.



S.V. PRESS
MAJ
G4 MED

23 Sep 94

UNCLASSIFIED

CORRESPONDENCE DISTRIBUTION
COVER SHEET

File No. 775-2-1

Correspondence No. _____

To: Comasc 1/9 Remarks/Action: WP

Med Ops

Med hog

P

D.

This needs to be made into an appropriate form. These are only the descriptions of entries.

Please initial and date when action complete then pass quickly.

.....

Folio

F-003 T-532 P-001/003 AUG 30 '94 19:43

UNCLAS
Enclosure Classification

Department of Defence
Land Headquarters

FACSIMILE COVER SHEET

Page 1 of 3

1W 506950
N63/36/FAX

Folho

File No	FAX No 4491 194
Precedence ROUTINE	DTG FAX Out Operator Name Signature 200501 200501
Facsimile Address [REDACTED]	Facsimile Originator HLTH SUCS BR LHQR
UNCLAS FAX No: 000-1573-1545273 DISCON FAX No: Telephone No:	UNCLAS FAX No: DISCON FAX No: Telephone No:

Subject Title.

HLTHSURVREF FORMAT

Instructions/Comments

AS REQUESTED

Releasing Officer

Signature

Rank/Appointment

Date _____

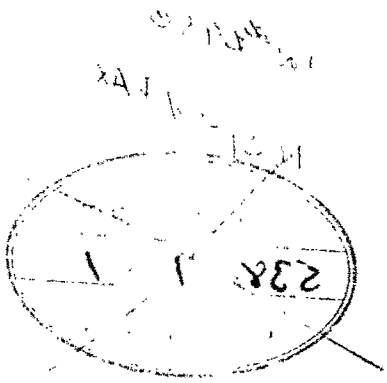
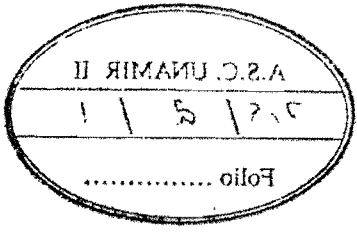
J. COOKE

45

50 Aug 94

THIS FAX COVER SHEET AND ENCLOSURE ARE TO BE TRANSMITTED IAW THE REQUIREMENTS FOR THE HIGHEST SECURITY CLASSIFICATION CONTAINED HEREIN

UNCLAS
Enclosure Classification



WEEKLY HEALTH SURVEILLANCE REPORT (REVISED FORMAT)

REPORTING PERIOD. - eg 180001K Sep 94 - 242359K Sep 94.

OPERATION OR EXERCISE (where applicable).

GENERAL DIAGNOSTIC CATEGORIES.

DERMATOLOGICAL ILLNESSES (DER) - eg: Viral rashes or lesions, eczema, fungal or bacterial infections, contact dermatitis, dermatitis caused by insect bites, skin ulcers and eschars.

OPHTHALMIC ILLNESSES/INJURIES (EYE) - eg: Conjunctivitis, eye infections or irritations, corneal abrasions, foreign bodies, solar injury, laser injury, trauma not associated with trauma reported under Surgical Injuries or Orthopaedic Injuries (para 3.f and para 3.g).

RESPIRATORY ILLNESSES (RES). - eg: Upper respiratory infections, bronchitis, asthma, pneumonia, pharyngitis, sinusitis.

GASTRO-INTESTINAL ILLNESSES (G-I). - eg: Diarrhoea, gastroenteritis, dysentery, gastritis, food poisoning, constipation, intestinal parasites. Do not include bleeding, haemorrhoids, ulcers or other non-infectious diseases.

MEDICAL ILLNESSES (MED). - eg: Cardiac-related problems such as chest pain, hypertension, neurological problems such as headaches, convulsions, syncopal episodes; allergic reactions, including systemic reactions to venomous bites/stings, hepatitis; urogenital illnesses not associated with sexually transmitted disease; internal conditions not related to trauma.

SURGICAL INJURIES (SUR). - eg: lacerations, abrasions, burns and thermal injuries (not sunburn), appendicitis, other trauma. Includes battle, non-battle, occupational, recreational incidents.

ORTHOPAEDIC INJURIES. - eg: fractures, sprains, tendon/muscle limb injuries, other trauma. Includes battle, non-battle, occupational, recreational incidents.

(1) **SPORTS INJURIES (OSP)**

(2) **OTHER INJURIES (OOI)**

(3) **OTHER (OTH)**

HEAT/COLD INJURIES. - eg: Heat stroke, heat exhaustion, dehydration, sunburn, frostbite, chilblain, hypothermia.

ANIMAL BITES (BIT). - eg: All bites caused by animals. Do not include insect bites.

WEEKLY HEALTH SURVEILLANCE REPORT
(REVISED FORMAT)

- 1 REPORTING PERIOD. - eg 180001K Sep 94 - 242359K Sep 94.
- 2 OPERATION OR EXERCISE (where applicable).
- 3 GENERAL DIAGNOSTIC CATEGORIES.
 - a. DERMATOLOGICAL ILLNESSES (DER) - eg. Viral rashes or lesions, cellulitis, fungal or bacterial infections, contact dermatitis, dermatitis caused by insect bites, skin ulcers and eschars.
 - b. OPHTHALMIC ILLNESSES/INJURIES (EYE) - eg. Conjunctivitis, eye infections or irritations, corneal abrasions, foreign bodies, solar injury, laser injury, trauma not associated with trauma reported under Surgical Injuries or Orthopaedic Injuries (para 3.f and para 3.g).
 - c. RESPIRATORY ILLNESSES (RES). - eg: Upper respiratory infections, bronchitis, asthma, pneumonia, pharyngitis, sinusitis.
 - d. GASTRO-INTESTINAL ILLNESSES (G-I). - eg: Dysentery, gastritis, food poisoning, constipation, intestinal infections, include bleeding, haemorrhoids, ulcers or other non-infectious conditions.
 - e. MEDICAL ILLNESSES (MED). - eg. Cardiac-related problems such as chest pain, hypertension, neurological problems such as headaches, convulsions, syncopal episodes; allergic reactions, including systemic reactions to venomous bites/stings; hepatitis; urogenital illnesses not associated with sexually transmitted disease; internal conditions not related to trauma.
 - f. SURGICAL INJURIES (SUR). - eg: lacerations, abrasions, burns and thermal injuries (not sunburn), appendicitis, other trauma. Includes battle, non-battle, occupational, recreational incidents.
 - g. ORTHOPAEDIC INJURIES. - eg: fractures, sprains, tendon/muscle tears, dislocations, other trauma. Includes battle, non-battle, occupational, recreational incidents.
 - (1) SPORTS INJURIES (OSP).
 - (2) OTHER INJURIES (OOI).
 - (3) OTHER (OTH).
 - h. HEAT/COLD INJURIES (H/C). - eg. Heat stroke, heat exhaustion, dehydration, sunburn, frostbite, chilblain, hypothermia.
 - i. ANIMAL BITES (BIT). - eg: All bites caused by animals. Do not include insect bites.

- i. SEXUALLY TRANSMITTED DISEASES (STD) - eg: All STDs including gonorrhoea, syphilis, chlamydia, genital herpes, pelvic inflammatory disease, venereal warts/chancres, etc.
- k. UNEXPLAINED FEVER (FEV) - eg: Temperatures of 38 degrees Celsius or greater for 24 hours without clear-cut etiology.
- l. PSYCHIATRIC ILLNESSES (PSY) - eg: Depression, schizophrenia, anxiety, neuroses, psychotic reactions, suicide attempts, bipolar disorder, medication.
- m. SUBSTANCES ABUSE (ABU) - eg: Abuse of alcohol, illegal drugs including marijuana, pharmaceuticals (prescribed or misprescribed), substances.
- n. DENTAL (DEN) - eg: Dental injury, disease or condition requiring a dentist.
- o. GYNAECOLOGICAL ILLNESSES (GYN) - eg: dyspareunia, abnormal bleeding, contraceptive problems, pelvic inflammatory disease.
- p. MISCELLANEOUS (MIS) - eg: All other complaints not fitting one of the above categories.

SPECIAL DIAGNOSTIC CATEGORIES

- q. Diseases, injuries, or medical conditions of special interest with or as directed by higher authority (e.g., trauma) into sub-categories already reported under a General Diagnostic Code. Example the number of each battle injuries that were listed below.

COMMENTS/REMARKS: Clarify or explain the above categories if needed. Reference applicable to patients.

eg. Depression, situational variables, suicide attempts, behavioural reaction to situation

DENTAL (DEN) - eg Dental hygiene, disease or condition requiring dental treatment

13. MISCELLANEOUS (MIS) - eg. All other complaints please, not fitting one of the above categories

cases, injuries, or incidents of interest within the jurisdiction of the military (e.g., trauma), including categories already reported under a General Diagnostic Category, for example the number of combat-related injuries that were laser related.

FOOTNOTES/REFERENCES Clarify or explain specific entries in paragraph 1. and reference appropriate pages, if necessary.

- j. **SEXUALLY TRANSMITTED DISEASES (STD)** - eg: All STDs to include gonorrhoea, syphilis, chlamydia, genital herpes, pelvic inflammatory disease, venereal warts/chancres, etc.
 - k. **UNEXPLAINED FEVER (FEV)** - eg: Temperatures of 38 degrees celsius or greater for 24 hours without clear-cut etiology
 - l. **PSYCHIATRIC ILLNESSES (PSY)** - eg: Depression, situational reactions, anxiety, neuroses, psychotic reactions, suicide attempts, behavioural reaction to medication
 - m. **SUBSTANCES ABUSE (ABU)** - eg: Abuse of alcohol, illegal drugs including marijuana, pharmaceuticals (prescribed or unprescribed) or other substances.
 - n. **DENTAL (DEN)** - eg: Dental injury, disease or condition requiring care by dentist.
 - o. **GYNAECOLOGICAL ILLNESSES (GYN)** - eg: dysfunction, bleeding, contraceptive problems, pelvic inflammatory disease
 - p. **MISCELLANEOUS (MIS)** - eg: All other complaints previously not fitting one of the above categories.
4. **SPECIAL DIAGNOSTIC CATEGORIES.**
- a. Diseases, injuries, or medical conditions of special interest within a mission or as directed by higher authority (eg. malaria, trauma), including sub-categories already reported under a General Diagnostic Category. Example: the number of ophthalmic injuries that were laser related
5. **COMMENTS/REMARKS.** Clarify or explain specific entries in paragraphs 3 and 4 as needed. Reference applicable paras/s, paras.

UNAMIR II

WEEKLY HEALTH SURVEILLANCE REPORT

UNIT: _____ LOCATION: _____ REPORT PERIOD: _____

SERIAL	DIAGNOSTIC CATEGORIES	UN PERS	CIV	REFUGEES/ DISPLACED PERS
	GENERAL DIAGNOSTIC CATEGORIES:			
A	DERMATOLOGICAL ILLNESSES (DER)			
B	OPHTHALMIC ILLNESSES / INJURIES (EYE)			
C	RESPIRATORY ILLNESSES (RES)			
D	GASTRO-INTESTINAL ILLNESSES (G-I)			
E	MEDICAL ILLNESSES (MED)			
F	SURGICAL INJURIES (SUR)			
G	ORTHOPAEDIC INJURIES:			
	SPORTS INJURIES (OSP)			
	OTHER INJURIES (OOI)			
	OTHER (OTH)			
H	HEAT / COLD INJURIES (H / C)			
I	ANIMAL BITES (BIT)			
J	SEXUALLY TRANSMITTED DISEASES (STD)			
K	UNEXPLAINED FEVER (FEV)			
L	PSYCHIATRIC ILLNESSES (PSY)			
M	SUBSTANCES ABUSE (ABU)			
N	DENTAL (DEN)			
O	GYNAECOLOGICAL ILLNESSES (GYN)			
P	MISCELLANEOUS (MIS)			
	SPECIAL DIAGNOSTIC CATEGORIES:			
	EVACUATIONS:			
	LEVEL 1 TO LEVEL 2			
	LEVEL 1 TO LEVEL 3			
	LEVEL 2 TO LEVEL 3			
	LEVEL 3 TO NAIROBI			
	LEVEL 3 TO REPATRIATION			
	COMMENTS / REMARKS:			

Revised 10/10/94.

WEEKLY HEALTH SURVEILLANCE REPORT

UNIT _____

LOCATION _____

REPORTING PERIOD _____

SERIAL	GENERAL DIAGNOSTIC CATEGORIES	UN PERS	CIV	REFUGEES/DISPLACED PERS
--------	-------------------------------	---------	-----	-------------------------

SPECIAL DIAGNOSTIC CATEGORIES



EVACUATION

- LEVEL 1 TO LEVEL 2
- LEVEL 1 TO LEVEL 3
- LEVEL 2 TO LEVEL 3
- LEVEL 3 TO NAIROBI
- LEVEL 3 TO REPATRIATION

COMMENT/REMARKS

1390/23

See Distribution

X7
BRITCON
KIGALI
RWANDA

18 Aug 94

CMO
240834

775-2-1

1

GERMAN RATION PACKS REPORT BY
ENVIRONMENTAL HEALTH OFFICER HQ BRITCON

1. Following numerous complaints from BRITCON personnel regarding insect infestations and poor quality of the subject ration packs, supplied by the UN through CSG, an investigation was carried out by Capt G D Micciche RAMC Environmental Health Officer HQ BRITCON.

2. In the absence of microbiology, the examination was based on Organoleptic techniques. The following observations and recommendation are forwarded for your information and action as necessary.

3. A random selection of ration pack were selected which included menus 1 to 4, the following observations applied to all the ration pack examined.

a. The 50g chocolate bars had all been adversely affected by the extremes of temperature, in addition a number had insect infestations, resulting from poor storage.

b. All the margarine had separated and liquified, a number were also rancid.

c. All the 3g packets of coffee whiteners had solidified.

d. Although jam is a preserve, a number examined had liquified.

e. A majority of the chewing gum examined had been adversely affected to the extent it could no longer be consumed.

READY TO EAT MEALS AND SPREADS (ALL DATED 1990)

4. Where the integrity of the foil containers had been damaged due to bad storage, the content was adversely affected. Where no damage was sustained the contents appeared satisfactory.

5. Each ration pack contained 2 X 100g spreads in foil containers, on examination it was evident that quality of the spread with a high fat content had been adversely effected, with a significant degree of seperation and liquification.

OTHER FOOD ITEMS

6. The following food items were also examined and no adverse observations made:

- a. Biscuits;
- b. Coffee;
- c. Tea;
- d. Sugar;
- e. Salt;
- f. Instant fruit drink.

STORAGE

7. The food storage conditions at CSG were far from satisfactory, the following observations give cause for concern:

- a. Internal Food Store
 - 1) Signs of rodent infestation, and no rodent control measures in place;
 - 2) Building is not adequately rodent and fly proof;
 - 3) All food and rations packs stored directly on the ground and not on pallets;
 - 4) Insect infestation were clearly evident in the sacks of flour and rice.
- b. External Storage Area
 - 1) Boxes containing 4 ration packs were stacked 12 high and 15 deep, with limited protection from the elements. The situation will deteriorate with the start of the rainy season.
 - 2) Insect infestations were clearly evident as was contamination from bird droppings.
 - 3) The storage conditions, combined with the day time and night time temperatures, are likely to adversely affect the quality of the ration packs.

CONCLUSION

8. From the observations made it was clear that the quality of the ration packs had been adversely affected to some degree, and are therefore less likely to be consumed by individuals

9. The rate of insect infestation and risk of contamination by rodents are likely to increase significantly given the present storage conditions. If contaminated rations are consumed by BRITCON personnel, the risk of Gastro Intestinal problems would be significant with a subsequent knock on effect on operational effectiveness.

10. All observations have been reported to HQ UNAMIR Log Ops (food) Capt M Burgess, who accepted that there are problems with quality and risk of contamination, however he will not initiate condemnation procedures, stating that:

- a. The tour was operational;
- b. Nutritional value of the rations was not Impared;
- c. Storage conditions were acceptable under the circumstances.

RECOMMENDATIONS

11. It is recommended that until such time as the risk of contamination has been addressed and storage conditions dramatically improve, the subject rations should not be consumed by BRITCON personnel.

12. In addition, a request has been made to Capt Burgess for the following action to be taken:

- a. The subject rations to be nutritionally analysed;
- b. To obtain details of the shelf life of the subject rations, including details of correct storage conditions;
- c. To establish whether or not the subject rations were specifically designed for N West Europe;
- d. To initiate rodent control and proofing measures to be initiated without delay.



G D Micciché
Capt
for BRITCON

Distribution:

Internal:

Information:

COMD BRITCON ✓
CO 23 PFA ✓
Log Op ✓
QM ✓

External:

Action:

HQ UNAMIR - FAO CAO

Information:

JHQ ✓
3 CSE - FAO Maj Blouin ✓