

ENVIRONMENTAL SANITATION



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VERMIN CONTROL [RODENT AND INSECTS]

λ TYPES

- PHYSICAL OR MECHANICAL
- CHEMICAL
- BIOLOGICAL
- ENVIRONMENTAL
- EDUCATIONAL

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HOUSING SANITATION

λ CHARACTERISTICS OF AN ACCEPTABLE HOUSE

- ADEQUATE SPACE: AT LEAST 50 SQ.FT./PERSON FOR BEDROOM
- ADEQUATE LIGHTING: AT LEAST 100 FT.CANDLES FOR READING
- ADEQUATE WATER SUPPLY: 15-20 GALLONS PER CAPITA PER DAY

.....CONT.....

HOUSING SANITATION

λ CHARACTERISTICS OF AN ACCEPTABLE HOUSE...[cont]...

- NOISE: SHOULD NOT BE MORE THAN 30 DECIBELS
- ADEQUATE HEAT AND VENTILATION
- EQUIPPED WITH SANITARY TOILET, FOOD STORAGE AND PROPER REFUSE DISPOSAL

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SANITATION REQUIREMENTS IN EMERGENCY SITUATIONS

λ WATER

1. MINIMUM DEMAND PER PERSON PER DAY

- A. 2 LTS FOR DRINKING
- B. 10 LTS FOR FOOD PREPARATION AND COOKING
- C. 15 LTS FOR BATHING
- D. 15 LTS FOR LAUNDRY
- E. 10 LTS FOR SANITATION AND HYGEINE

...CONT...

...IN EMERGENCY SITUATIONS

λ WATER

1. MINIMUM REQUIREMENTS [..CONT..]

HOSPITALS AND CLINICS

A. OUT-PATIENT: 5 LTS / PATIENT/ DAY.

B.IN-PATIENT: 40-60 LTS/ PATIENT/ DAY

FEEDING CENTERS: 20-30 LTS/PERSON/DAY

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...IN EMERGENCY SITUATIONS

λ WATER

2. QUALITY CONTROL

-TO PRESERVE PUBLIC HEALTH, A LARGE AMOUNT OF REASONABLY SAFE WATER IS PREFERRED OVER A SMALL AMOUNT OF PURIFIED WATER.

-BACTERIOLOGICAL, BIOLOGICAL, CHEMICAL, PHYSICAL AND RADIOLOGICAL QUALITY OF WATER MUST BE DEEMED SAFE. ...[CONT...]

..IN EMERGENCY SITUATIONS

λ WATER

2. QUALITY CONTROL...[CONT..]

- THERE MUST BE NO FECAL COLIFORMS PER 100 ML. AT THE POINT OF DELIVERY
- PEOPLE DRINK WATER FROM A PROTECTED OR TREATED SOURCE IN PREFERENCE TO OTHER READILY AVAILABLE WATER SOURCES.

....IN EMERGENCY SITUATIONS

λ WATER

2. QUALITY CONTROL... [CONT...]

- STEPS ARE TAKEN TO MINIMIZE POST DELIVERY CONTAMINATION
- NO NEGATIVE HEALTH EFFECT IS DETECTED.

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...IN EMERGENCY SITUATIONS

λ WATER

3. DECONTAMINATION AND DISINFECTION:

- WATER PURIFIER: 2TABS/PERSON/DAY
- HTH [HIGH TEST HYPOCHLORIDE]: STOCK SOLN: 1LT/20 FAMILIES/5 DAYS
- SHOCK DISINFECTION: 50-100 PPM OF 70% AVAILABLE CHLORINE

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...IN EMERGENCY SITUATIONS.

λ WATER

4. OTHERS REQUIREMENTS

- DRINKING WATER CONTAINER: ONE CONTAINER OF 10 LTS PER FAMILY
- COMMUNAL WATER STORAGE TANK: 10 LTS PER PERSON /DAY. VOLUME OF TANK MUST BE GOOD FOR TWO DAYS
- SHALLOW WELL: FOR TOILET FLUSHING AND CLEANING ONLY

...IN EMERGENCY SITUATIONS

λ **OTHER SANITARY REQUIREMENTS:**

- LATRINE

λ —ONE /FAMILY

λ ----MIN. 1 SEAT/20 PERSONS

λ --- 50 METERS AWAY FROM HOUSES

- WASTE DISPOSAL

- ONE COMMUNAL PIT/500 PERSONS [2X5X2 M]

- SOAP

λ 250G/PERSON/MO

...CONT...

...IN EMERGENCY SITUATIONS..

λ **OTHER REQUIREMENTS... cont...**

– SHELTER

λ INDIVIDUAL: 4 SQ.M./PERSON

λ COLLECTIVE: 30 SQ,M,/PERSON [INCLUDING SHELTER, SANITATION SERVICES, COMMUNITY ACTIVITIES, WAREHOUSING, ACCESS ETC]

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School of Nursing

Course Code : BSCN4002

Course Name: Community Health Nursing2

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THANK YOU

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