

Section XIV STOP WORK ORDERS.

In the event a project is commenced without a septic tank and leaching system permit, or work performed is not in accordance with approved plans and specifications or any approved changes or revisions thereto, or unsafe construction practices are continued after sufficient warnings by the Administrator or his authorized representatives, a STOP WORK ORDER shall be issued and take effect until the conflict is resolved.

Section XV CERTIFICATE OF OCCUPANCY.

After final inspection of the septic tank and leaching system indicates that the work performed was done in accordance with approved plans and specifications and has met all GEPA requirements, the Administrator or his authorized representative shall issue a Certificate of Occupancy.

SECTION XVI TEMPORARY TOILET FACILITIES (TTF)

A. Temporary Toilet Facilities (TTF) shall be provided for:

(i) any construction job-site where working toilets connected to an approved type sanitary disposal system are insufficient or unavailable or such facilities are determined to be not readily available for the needs of the employees.

(a) The number of facilities required, whether permanent, temporary or combination thereof shall be in accordance with the requirements detailed in Table VI.

(b) The term readily available as used in item (i) above, shall be defined as being within 300 feet of the work area. Facilities which are within this distance but are not under the direct control of the developer/contractor shall require a written authorization/certification from the owner of such facilities that unrestricted access to these toilet facilities will be available to the contractors workers for the entire period of the construction project.

(c) All arrangements for sanitary facilities must be made and in place before any clearing or construction may proceed.

(ii) any carnival, fair, sporting event, outdoor concert or large public gathering requiring a permit, hereafter, collectively referred to as a "special event", where adequate working toilet facilities connected to a sanitary sewer does not exist. Adequacy shall be determined from the Table VII - Toilet Receptacles Required for Special Events.

B. Temporary Toilet Facilities may be chemical, recirculating or combustion providing they comply with existing Guam Codes.

C. The minimum number of TTF required for construction site shall be based in accordance with Table VI below:

(i) Table VI - Number of TTF required for construction sites

<u>Number of Employees</u>	<u>Minimum Numbers of Units</u>
1 to 15	1
16 to 30	2
31 to 51	3
52 to 72	4
73 to 93	5
Over 93	1 Add'l unit/20 employees

- (ii) The minimum number of temporary toilet receptacles at any special event shall be in accordance with Table VII below:

TABLE VII

Toilet Receptacles Required for Special Events (Minimum)

	Number of Hours									
	1	2	3	4	5	6	7	8	9	10
1,000 or below	1	1	1	2	2	2	3	3	3	4
2,000	1	2	2	3	4	4	5	6	6	7
3,000	1	2	3	4	5	6	7	8	9	10
4,000	2	3	4	6	7	8	9	12	12	14
5,000	2	4	5	7	9	10	12	15	17	19
6,000	2	4	6	8	10	12	14	16	18	20
7,000	3	5	7	10	12	14	17	19	21	24
8,000	3	6	8	11	14	16	19	22	24	27
9,000	3	6	9	12	15	18	21	24	27	30
10,000	4	7	10	14	17	20	24	27	30	34

Ref. Satellite Industries of Minneapolis, Minn. Portable Sanitation Unit Calculator for Special Events.

- D. Any construction site or special event requiring GEPA approval for permitting will provide proof that the minimum required number of toilet facilities are available or will be available for the period of time that the permits are valid.
- E. Failure to comply
- (1) Any construction site not complying with the minimum number of TIF will be given a written warning and given 48 hours to comply. Failure to comply within the given period will result in the revocation of the GEPA approval required for the building permit which will temporarily suspended all construction at this site.

- (ii) Any special event not meeting the minimum number of TIF will have its permit to operate immediately suspended.

Section XVII CLEANING WASTEWATER SYSTEM, DISPOSAL OF WASTEWATER, REQUIREMENTS AND PROCEDURES

- A. No person shall engage in the business of cleaning individual sewage disposal system or disposing of the wastes therefrom unless; a business license has been secured from the Department of Revenue and Taxation, and Registration has been issued to him by the administrator. Such business shall be conducted in conformity with the following requirements and in accordance with the regulations.
1. The name and address of the person, shall be legibly lettered on both sides of each vehicle used for cleaning purposes.
 2. Every vehicle used for cleaning purposes shall be equipped with a watertight tank or body and be maintained in a clean and sanitary condition. Sewage waste shall not be transported in an open body vehicle.
 3. All portable receptacles used for transporting liquid or solid waste shall be watertight, equipped with tight-fitting lids, and shall be cleaned daily.
 4. All pumps and hose lines shall be properly maintained so as to prevent leakage.
 5. Approval in writing shall be obtained from the Administrator for every site at which the person plans to discharge the waste material collected. The approval may be given after consultation with Public Utility Agency of Guam.

6. The hose or any similar device used for discharging waste must be inserted into the earmarked manhole to a depth of approximately two (2) feet, to prevent any spray or spillage into the surrounding area.
 7. Every precaution must be taken to prevent any public nuisance or health hazard which may be caused by their service.
- B. Registration shall be issued to any person properly making application therefor, who is not less than twenty-one (21) years of age, has successfully demonstrated the ability to handle the equipment, and only after the place or places and manner of disposal of the cleanings proposed by said applicant are approved by the Administrator.
 - C. Registration issued pursuant to these Regulations is not transferable and shall expire December 30th of each year. A Registration may be renewed for an ensuing year by making application for renewal of the registration, upon determination of the applicant's observance of sanitary laws, ordinance, and directions. Such application shall have the effect of extending the validity of the current registration until a new registration is received or the applicant is notified by the Administrator that the renewal of the registration has been refused?
 - D. All persons, who are registered to clean individual sewage disposal system i.e. holding tank etc; or to dispose of the wastewater therefrom, shall file with the Administrator a statement giving the name and the address of the owner or tenant of each and every one of the premises where an individual sewage disposal system has been cleaned by said registrant, or his employer, or by others on his behalf. The report must be submitted on a monthly basis, covering a 4 weeks period.

- E. Non-compliance of the requirements of these regulations may result in the revocation or suspension of the applicant's registration. Any applicant whose registration is suspended must correct all discrepancies noted in the suspension within 30 days, otherwise his registration may be revoked.
- F. Registration under these regulations shall not be construed as impairing in any manner, the existing powers and duties of the Department of Public Health and Social Services, Public Utility Agency of Guam, Department of Public Safety, Department of Revenue and Taxation, and Department of Commerce under other laws.

Section XVIII. MAINTENANCE

- A. Maintenance of septic tanks and leaching fields shall be the responsibility of the owner, lessee, occupant, or person in possession of property, unless mutually agreeable arrangements are made with a private company.
- B. Owners of septic tanks shall empty and clean the tank or pit when necessary, or when ordered by the Administrator in the interest of public health, and the contents disposed of in such place and manner as shall be authorized by the Administrator.
- C. Septic Tanks should be inspected by the owner at intervals of no more than 3 years to determine the rates of scum and sludge accumulation. The inlet and outlet structures and key joints should be inspected for damage after each pump-out.
- D. The tank should be cleaned whenever:
 1. the bottom of the scum layer is within 3 inches of the bottom of the outlet device;

2. the sludge level is within 8 in. of the bottom of the outlet device.

E. Septic tank sludges and Temporary Toilet Sludges shall be disposed of by hauling to a sewage treatment facility. If for some unique reason disposal cannot be done at an approved facility land spreading of waste may be considered on a specific case by case basis. The specifics of each request will be evaluated separately and a permit obtained from GEPA for each separate request. Any such disposal can only take place after review and approval by the Administrator and only done under the direct supervision of GEPA staff.

F. In order to be effective, grease traps must be operated properly and cleaned regularly to prevent the escape of appreciable quantities of grease. The frequency of cleaning at any given installation can best be determined by experience based on observation. Generally, cleaning should be done when 75% of the grease-retention capacity has been reached. At restaurants, pumping frequencies range from once a week to once every 2 or 3 months.

SECTION XIX APPENDIX A - SAMPLE DESIGN ILLUSTRATION

A. Flow Estimate

Given: 3BR House with washing machine and garbage grinder
 2 person per bedroom
 75 gallons per person per day

Additional: 40% of flow for washing machine
 20% of flow for garbage grinder

Flow: 3BR x 2 person/Br x 75 gal/Person/Day
 = 450 gallons/day

Total Flow: 450 + 40% (450) + 20% (450)
 450 + 60% (450)
 450 + 270
 = 720 gallons/day

B. Septic Tank Design - (Three Bedroom House)

V = Total flow + 50% (total flow) (provision for detention period for treatment inside septic tank).

V = 720 + 50% (720)
 = 720 + 360
 = 1080 gallons
 = 1080 gallons
 7.48 gal/cu.ft.
 = 144.3 cubic feet

Depth = 5'-0" + 1'-0" Air Space

Try Width = 4'-0"

Therefore length = $\frac{144}{5 \times 4} = 7.22'$ say 7'-6"

Septic Tank Dimension = 7'-6" x 4'W x 5'D

Volume = 7'-6" x 4' x 5' = 150 cu. ft.

150 144

Check: 1.5 $\frac{L}{W}$ 2.5 $\frac{L}{W}$ ration = 1.88

Adopt Septic Tank Dimension = 7'-6" x 4'W x 6'D

C. Absorption Area: (Three Bedroom)

Total Flow = 720 gallons

Say percolation rate of 1" - 15 minutes

$\frac{720}{1.3} = 545$ sq. ft.

1.3

Actual percolation rate determined by testing.

1. Leaching Field:

Note: (Separation of Leaching Pipe shall be
6 ft. on center)

Say Width = 18'-0"

Length = $\frac{545}{18} = 30.2$ ft. say 31 feet

Therefore length field size = 18'W x 31'L

XX. PENALTY

- A. Any person who violates any provisions of this regulations or who refuses or neglects to comply with any lawful order issued by the Administrator shall be guilty of misdemeanor and subject to a fine not to exceed \$1,000.00. Each day of violation shall constitute a separate offense (Section 48126, (a) Title 10, GCA).
- B. Any penalty imposed pursuant to sub-section (A) of this Section shall not be bar to enforcement of this Chapter or the rules and regulations in force pursuant thereto or orders made pursuant to this Chapter by injunction or other remedy, to institute and maintain in the name of territory all such enforcement proceedings (Section 48126 (b), Title 10, GCA).