



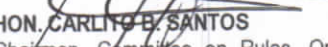
OFFICE OF THE SANGGUNIANG BAYAN

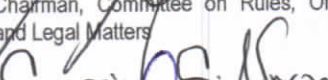
Presiding Officer



HON. RAFAEL M. NARAL
Municipal Vice Mayor

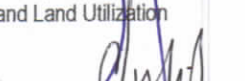
Municipal Councilors


HON. ARNEL S. OLIVEROS
Chairman, Committee on Finance,
Appropriations, Ways and Means

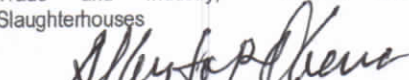

HON. CARLITO B. SANTOS
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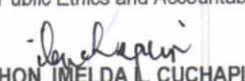

HON. CONCEPCION C. ALMAZAN
Chairman, Committee on Education and
Culture

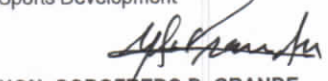

HON. RODOLFO F. GUERRERO
Chairman, Committee on Public Works,
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HON. CESAR C. BAUTISTA
Chairman, Committee on Food and Agriculture,
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HON. GODOFREDO D. GRANDE
ABC President
Chairman, Committee on Barangay Affairs,
Games and Amusements


MARIA ROSSETTE R. BAGAYAS
SB Secretary

RESOLUTION NO. 2017- 061

RESOLUTION ADOPTING MUNICIPAL ORDINANCE NO. 2017 - 174 - AN ORDINANCE PROMULGATING THE SEPTAGE AND SEWERAGE MANAGEMENT FOR THE MUNICIPALITY OF ANAO, PROVINCE OF TARLAC, AND PROVIDING PENALTIES FOR VIOLATION THEREOF.

WHEREAS, Section 15, Article II of the 1987 Philippine Constitution provides that the State shall protect and promote the right of the people and instill health consciousness among them;

WHEREAS, Section 16, Article II of the 1987 Philippine Constitution provides that the State shall protect and advance the right of the people to a balanced and healthful ecology in accord with the rhythm and harmony of nature;

WHEREAS, Section 16, Chapter 2 of RA 7160, otherwise known as the Local Government Code of the Philippines, states that local government units shall ensure and support, among other things, enhance the right of the people to a balanced ecology;

WHEREAS, Section 7 of RA 9275, otherwise known as the Philippine Clean Water Act of 2004, mandates local government units to prepare a program on sewerage and septage management;

WHEREAS, it is the prime concern of the Municipality of Anao to safeguard the health of the people and to protect the environment;

WHEREAS, there is a need to institute effective measures to protect our water resources, as they have direct bearing on the vitality of people;

WHEREAS, the Sangguniang Bayan in Session hereby enacts:

MUNICIPAL ORDINANCE NO. 2017-174

AN ORDINANCE PROMULGATING THE SEPTAGE AND SEWERAGE MANAGEMENT FOR THE MUNICIPALITY OF ANAO, PROVINCE OF TARLAC, AND PROVIDING PENALTIES FOR VIOLATION THEREOF.

Section 1. Title. This Ordinance shall be known as "Anao's Septage and Sewerage Management Ordinance."

Section 2. Coverage and Application. This Ordinance shall cover the entire territorial jurisdiction of the Municipality of Anao. It shall apply to all existing and future buildings and structures whether public or private, residential, commercial or industrial, institution and establishments whether public or private.

Section 3. Declaration of Policy. It is the declared policy of the Municipality of Anao to promote and protect the health and welfare of its constituents as well as to share in the responsibility in the management and improvement of water quality. To meet these objectives, the Municipality of Anao shall implement measures to prevent and control water pollution to promote public health.



OFFICE OF THE SANGGUNIANG BAYAN

Presiding Officer

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Municipal Vice Mayor

Municipal Councilors

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Appropriations, Ways and Means

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ABC President
Chairman, Committee on Barangay Affairs,
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MARIA ROSETTE B. BAGAYAS
SB Secretary

Section 4. Sewerage and Septage Management Principles – Towards this end, the Municipality of Anao shall abide by the following sewerage and septage management principles:

1. All buildings and structures whether residential, commercial, industrial establishments and government offices, institutions shall be required to have proper sewerage treatment or septage management system. Untreated excreta from residential areas without septic tanks and untreated wastewater from industrial and public establishments shall not be allowed to be discharged to open drainage canals or piped drainage systems.

2. No wastewater shall be discharged to the environment without any proper treatment.

Section 5. Definition of Terms – For purposes of this Ordinance, the following terms and definitions shall apply:

a. **Anaerobic Ponds** – are deep stabilization ponds used to treat high-strength organic wastewater that also contain high concentration of solids. Anaerobic treatment does not require the presence and use of oxygen and encourages the growth of bacteria which breaks down the waste material, releasing methane and carbon dioxide;

b. **Biosolids** – the byproduct of the treatment of domestic wastewater treatment plant. Biosolids consist primarily of dead microbes and other organic matter and can be used as organic fertilizer or soil amendments;

c. **Chamber** – an enclosed space, cavity or compartment of a septic tank;

d. **Communal Excreta Disposal System** – an excreta disposal system serving a group of dwelling units;

e. **Desludging Service Provider** – any person or organization duly licensed to undertake desludging of septage and has met the qualifications to undertake this service;

f. **Desludging** – the process of cleaning or removing the accumulated sludge or septage from a septic tank and transporting it to treatment facilities;

g. **Destination** – the place or the facility where the septage/sludge is treated or disposed of, such as the treatment facility, sanitary landfill, or land application site;

h. **Digestive Cesspool** – means a pit for the reception or detention of sewage;

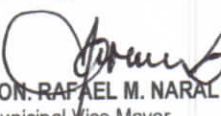
i. **Drainage System** – means drainage pipes of a plumbing system taking the wastewater from the plumbing fixtures and delivering it to the sewer or some other outlet;



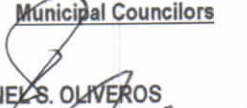
Republic of the Philippines
Province of Tarlac
MUNICIPALITY OF ANAO

OFFICE OF THE SANGGUNIANG BAYAN

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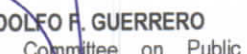

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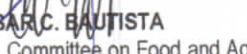
Municipal Councillors

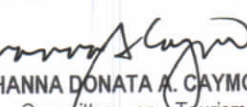

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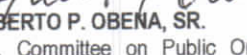

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and Legal Matters



HON. CONCEPCION C. ALMAZAN
Chairman, Committee on Education and
Culture

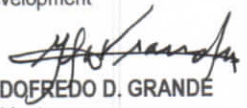

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SB Secretary

j. **Dwelling** – means any building or structure which is wholly or partly used or intended to be used for living or sleeping by human occupants; provided, that temporary housing as hereinafter defined shall not be regarded as dwelling;

k. **Effluent** – a general term for any wastewater, partially or completely treated, or in its natural state, flowing out of a drainage canal, septic tank, building, manufacturing plant, industrial plant, treatment plant, etc.;

l. **Environmental Sanitation Clearance (ESC)** – the clearance issued by the Secretary of Health, or his duly authorized representative, allowing the collection, handling, transport, treatment, and disposal of domestic sludge or septage;

m. **Establishment** – any structure or building used principally in conducting one's trade or business. It includes stables, pigpens, poultry, slaughter houses, dressing plants, restaurants, hotels, schools, funeral parlor, resorts, pension houses, dormitories, canneries, markets, hospitals, malls, supermarkets, restaurants, government buildings, private commercial buildings, churches, and the like;

n. **Excreta** – human waste composed of urine and feces;

o. **Individual Excreta Disposal System** – an excreta disposal system serving a dwelling unit;

p. **Land Applications** – the use of treated septage for agricultural purposes or as soil amendments or filling materials;

q. **Mobile Service Provider** – a public or private entity, operator or water utility that is authorized to provide desludging services and to transport the septage to treatment and disposal facilities;

r. **Pollution Control Officer (PCO)** – an officer of a private company that provides linkages between the company and the Environmental Management Bureau (EMB) of the Department of Natural Resources (DENR). This possesses the qualifications of a PCO and is duly accredited by DENR;

s. **Project Description** – a section of the ESC that contains information on the operational process, environmental sanitation measures, and site. It should provide sufficient details for the regulatory agency to review;

t. **Project Proponent** – the service provider applying for ESC;

u. **Public Toilet** – refers to a toilet facility located at public places like markets, bus stations, buildings, plazas, etc. intended for public use;

v. **Septage** – the combination of scum, sludge, and liquid that accumulates in septic tanks. It is a mixture of sludge, fatty materials, human feces, and wastewater

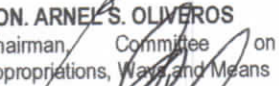


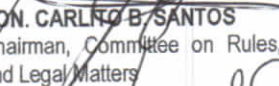
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Presiding Officer

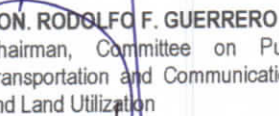

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Municipal Councilors



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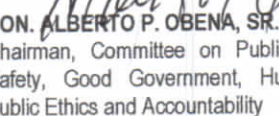

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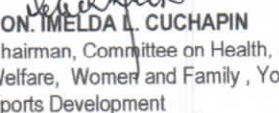

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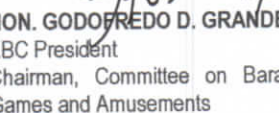

HON. RODOLFO F. GUERRERO
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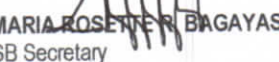

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MARIA ROSETTE R. BAGAYAS
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removed during pumping of an onsite sewage treatment and disposal system. Excluded from this definition are the contents of portable toilets, holding tanks, and grease interceptors;

w. **Septage Management** – refers to comprehensive programs for managing septic tanks and the procedures for proper desludging, transporting, treating, and disposing of septic tank contents;

x. **Septage Management or Treatment Facility** – means a stationary facility that treats only domestic septage or combinations of domestic septage, food establishment sludges, wastes removed from portable toilets, and wastes removed from holding tanks and onsite sewage treatment and disposal systems, before use of land application;

y. **Septic Tank** – a watertight, multi-chambered receptacle that receives sewage from houses or other buildings and is designed to separate and store the solids and partially digest the organic matter in the sewage;

z. **Service Provider** – a public or private entity, operator or water utility, that is authorized to engage in the collection, desludging, handling, transporting, treating, and disposing of sludge and septage from septic tanks, cesspools, portalets, sewage treatment plants;

aa. **Sewage** – mainly liquid waste containing some solids produced by humans, which typically consist of washing water, feces, urine, laundry wastes, and other material that flows down drains and toilets from households and other buildings;

bb. **Sewage Disposal System** – a system of collection, transportation, treatment and disposal of sewage;

cc. **Sewer** – a pipe or conduit for carrying sewage and wastewater;

dd. **Sewerage Works** – refers to a system of pipes, pumps, devices and other appurtenant structures for the collection, transportation and final disposition of waste water;

ee. **Sludge** – precipitated solid matter with highly mineralized content produced by domestic wastewater treatment processes


ff. **Stationary Service Provider** – a public or private entity, operator or water utility that is authorized to provide treatment and/or disposal of sludge and septage at a fixed location;

gg. **Toilet Facility** – refers to a structure built of materials of any kind inside or as part of a house or building used by its residents, occupants, visitors, employees,

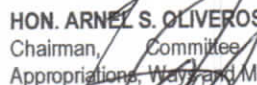



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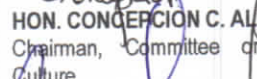
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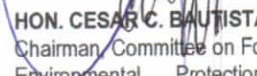
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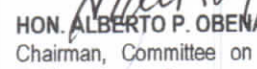

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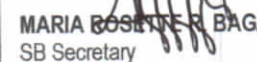

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transients or customers as comfort room and lavatory with septic tank built for the purpose; and

hh. **Wastewater Treatment Facility** – means a system of structures, equipment and related appurtenances designed to treat, store, or manage wastewater. Wastewater treatment facility includes pretreatment facilities and wastewater recycling facilities, which are not part of an industrial manufacturing process.

ARTICLE III
WASTE MANAGEMENT BOARD

Section 6. Mexico Waste Management Board. Without prejudice and in addition to its mandated duties and functions, the Anao Waste Management Board shall include septage and sewerage management in its policy agenda and direction.

Section 7. Right of Entrance and Inspection. No person, after being duly notified, shall interfere with or obstruct the entrance to any premises, establishment, or dwelling unit of the proper municipal officials or duly authorized representatives in the discharge of their official functions under this Ordinance.

ARTICLE IV
MANDATORY SANITARY TOILETS AND SEPTIC TANKS

Section 8. Sanitary Toilet Facility for Every House. Every house used for habitation shall be provided with a sanitary toilet of the type approved by the Municipal Engineer. In areas covered by small houses of light materials or temporary in nature and are close to one another, a communal excreta disposal system or other affordable alternative sanitation technologies adaptable to the local needs and conditions may be allowed.

Section 9. Sanitary Toilet Facility in Every Building. Every building in the municipality, whether public or private, intended to be used as dwelling quarters, or where persons are to be employed or to be occupied in any trade or business or a place of assembly, shall be provided by the owner/s with sufficient and suitable toilet facilities for the number of people dwelling therein or may be employed, occupied or assembled therein.


In all public buildings, theaters, factories, churches and other houses used as places of assembly where persons of both sexes are employed, occupied or assembled, sufficient, suitable and separate sanitary toilet facilities shall be provided for each sex, of the type approved by the Municipal Engineer.

It shall be unlawful for any owner, lessor, administrator or agent to allow any person to occupy therein or assemble therein unless the same is suitable and sufficiently provided with such sanitary toilet facilities.



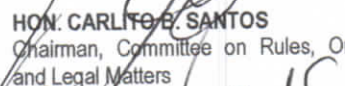
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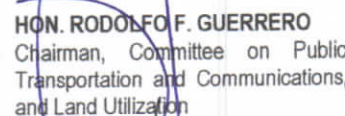

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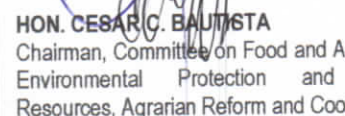
Municipal Councilors

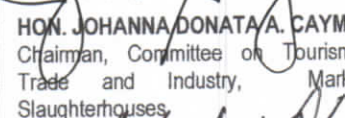

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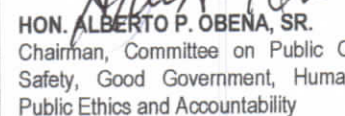

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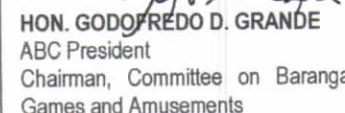

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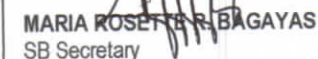

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SB Secretary

Section 10. Sanitary Maintenance. All toilets shall be kept clean and in good condition and no waste water shall be permitted to be exposed to flies, insects, rodents and/or other animals.

Section 11. Public Toilets. All toilets intended for public use shall be under the control and supervision of the Municipal Engineer and the operator shall provide sufficient number of personnel and funds for proper upkeep of the same.

Section 12. Disposal of Sewage. For the purpose of sewage disposal, the following shall apply:

a. Untreated sewage and septage or other putrescible or offensive wastes shall not be discharged onto the surface of the ground or into any street, road, alley, open excavation, stream water sewer, land drain ditch, adjoining property, watercourse or body of water.

b. Sewage and effluent of a septic tank or other putrescible, impure or offensive wastes shall not be discharged into an abandoned water supply well, spring, cistern or into a natural or artificial well, sink hole, crevices or other opening extending into limestone, sandstones, or other rock or shale formation.

c. Individual sewage disposal system utilizing leaching field, leaching beds, or leaching wells shall not be permitted where the depth to normal ground water or rock strata is less than 1.20 meters.

d. A leaching system shall not be installed in an area where the texture, structure and porosity of the soil are not suitable as determined by a percolation test performed by a registered civil/sanitary engineer. The local health authority may require as many percolation tests as may be necessary to determine the acceptability of the site.

e. No leaching tile field or bed shall be installed where percolation rate is less than 2.54 cm. (1 in.) fall in water into the test holes in 30 minutes,

f. No seepage pit or leaching well shall be installed where the percolation rate is less than 2.5 cm (1 in.) fall in water into the test holes in 30 minutes.

g. No person shall install individual household sewage disposal system in a new subdivision, unless the site is considered to be impracticable and inadvisable to install a public sewage collection system with the required treatment.

h. Individual sewage disposal system shall be installed on sufficient area and suitable topography to permit and ensure compliance with this Ordinance.

i. The design, construction, installation, location, maintenance and operation of individual sewage disposal system including septic tank, leaching beds, leaching wells, house sewers, privies and any other treatment system or part thereof shall comply with



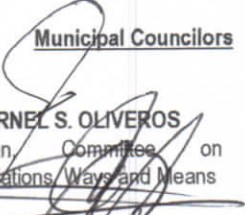
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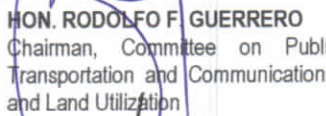

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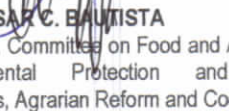
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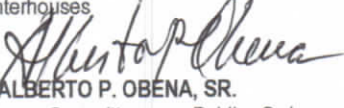

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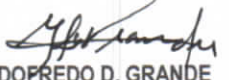

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SB Secretary

the minimum standards and engineering practices which are acceptable to the Municipal Engineer and Municipal Health Officer.

Section 13. Septic Tanks, Location, Construction and Maintenance – All sanitary toilets shall be connected to septic tanks. Septic tanks shall be designed and constructed in compliance with the mandate set forth in the Implementing Rules and Regulations of Chapter XVII of the Sanitation Code of the Philippines (PD 856), including proper sizing and layout, and the criteria set forth below:

- a. It shall be designed to produce an effluent consistent with approved engineering and environmental standards.
- b. It shall be built of solid durable materials and shall be watertight. Materials shall conform to applicable Philippine Material Standards.
- c. It shall be divided into three (3) compartments, and the volume of the first compartment shall be between one half (1/2) to two thirds (2/3) of the total tank volume.
- d. Where more than one (1) tank is used to accommodate the required liquid volume in a given minimum retention time of two (2) days, the tanks shall be conjoined. The first tank shall be equal to or larger than any subsequent tank in the series.
- e. Baffles or similar devices shall be installed at each inlet and outlet of the tank and at each compartment. Materials shall conform to approved applicable standards. They must be integrally cast with the tank, affixed with a permanent waterproofing material, or attached at the top and bottom with connectors that are not subject to corrosion or decay. Sanitary tees used on baffles shall have a minimum diameter of 100 mm (4 inches).
- f. The baffles between the compartments shall extend at least 200 mm above the maximum liquid surface or all the way to the underside of the top cover.
- g. The centerline of the inlet pipe shall at least be 50mm above the centerline of the outlet pipe. Both inlet and outlet pipes shall be similar in diameter with each other and shall have a minimum diameter of 100 mm.
- h. Adequate venting shall be provided in each compartment with the use of ventilating pipes not less than 50 mm in diameter. For buildings where plumbing fixtures have appropriate "P" traps, venting shall occur through the plumbing stack in the building, not from the septic tank. For buildings where toilets and sinks are not protected with "P" traps should be installed, or vent directly from the septic tank.
- i. Access to the septic tank – There shall be at least one maintenance hole (access port) of each compartment, with a minimum side dimension of 500 mm. All maintenance holes shall extend through the tank cover and shall extend to finished grade. Manhole covers shall be designed with durable and fully coated or noncorrosive handles for easy lifting. Septic tank access covers should be secured from unauthorized entry, either through safety screws, locks or tank lid that weighs 15 kg or more.
- j. Outlet from the septic tank – The design, construction and location of structures receiving effluent from septic tanks shall conform to the National Plumbing Code of the Philippines.
- k. For clustered structures or houses that are highly dense and characterized by inadequate land area, there shall be designed a communal septic tank or anaerobic baffled reactor consistent with approved engineering and environmental standards.



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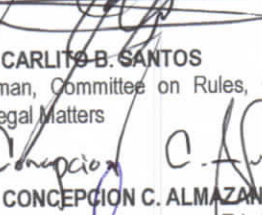
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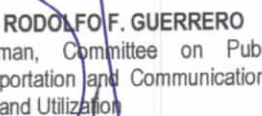

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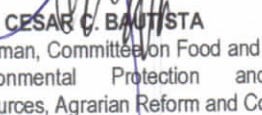
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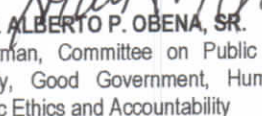

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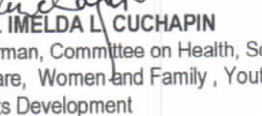

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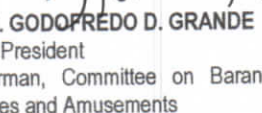

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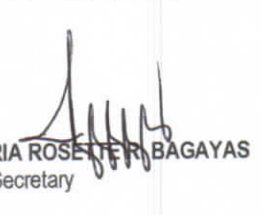

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SB Secretary

Section 14. Existing Septic Tanks – Owners or users of existing septic tanks constructed not in accordance with the foregoing standards shall be given a period of three (3) years from the effectivity of this Ordinance to comply with either by constructing a new one, or retro-fitting or repairing the existing ones. The cost of the construction, retro-fitting or repair shall be borne by the owner or users. Should the owners or users fail or refuse to so construct a new one, or retro-fit, or repair within the period provided in this Section, the Municipality shall undertake the same for the account of the owner or user.

No building plan for residential dwellings or commercial and institutional structures shall be approved and issued permit by the Municipal Building Official unless the design of the sanitary plumbing and septic tank conforms to the specifications herein provided and required by other pertinent laws, rules and regulations.

Section 15. Low Income Households – The Municipality shall conduct a study and develop policies and implementation arrangements on alternative and feasible financing and recovery mechanisms that will address toilet/septic tanks requirements of low income households, including the informal settlers.

Section 16. Waste Water Disposal System –

a. Neutralize or pre-treated waste water from industrial, commercial and institutional establishments shall be discharged directly into the nearest sanitary sewer or sewerage system in accordance with the criteria set forth by the Sanitary Code of the Philippines (PD 856) and the Clean Water Act (RA 9275).

b. All buildings located in areas where there are no available sewerage system shall dispose their sewerage in septic tank and sub-surface absorption field.

c. Sanitary and industrial plumbing installation inside buildings and premises shall conform to the provisions of the National Plumbing Code.

Section 17. Special Establishments – Establishments such as industries, laundries, slaughterhouses, wet markets, dairies, poultrys, large piggeries, resorts, hotels, restaurants, mining, hospitals, clinics, funeral parlors, cemeteries, memorial parks, laboratories and other similar nature of establishments discharging waste water into receiving rivers or other water bodies which create pollution problems shall be required to obtain Environmental Compliance Certificate and Discharge Permit from the Department of Environment and Natural Resources (DENR), and Sanitary Permit from the Municipal Health Office.

**ARTICLE V
SERVICE PROVIDERS**

Section 18. General Guidelines - Without prejudice to the municipality itself, being the service provider, the Municipality of Anao shall encourage private entities to apply for a permit to operate as service providers. A service provider may either be for desludging,




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Municipal Councilors


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Chairman, Committee on Finance,
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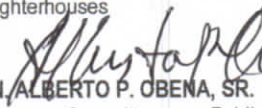

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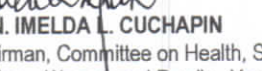

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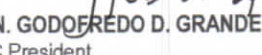

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collection and hauling of septage or otherwise referred to as Mobile Service Providers, or for treatment or disposal facilities otherwise referred to as Stationary Service Provider, or both.

Applicants for Mobile Service Provider must present an Environmental Sanitation Clearance (ESC) from the Center for Health Development (CHD) of the Department of Health issued to such treatment/disposal facility as a requirement in the applications for sanitary permit and business permit.

Applicants for Stationary Service Provider must secure an ESC as prerequisite in the application for an Environmental Compliance Certificate (ECC) from the EMB Regional Office of the DENR. And before operating the same, a Wastewater Discharge Permit (WPD) must also be secured with the same EMB Regional Office.

Section 19. Training of Service Providers and Personnel directly involved in the operations must undergo mandatory trainings on health and safety from the DOH or DOH-recognized academic institutions, or professional organizations.

Section 20. Mobile Service Providers – As part of the Sanitary Permit and Business Permit application, the applicant must complete and have notarized the prescribed forms, to include the following information:

1. Project Description which contains the following contact details:
 - a. Proponent information and contact details;
 - b. Scope of Activities;
 - c. Service Area Covered;
 - d. Method of Collection;
 - e. Type of Vehicles and Equipment;
 - f. Occupational and health safety measures;
 - g. Staffing Plan;
 - h. Mitigating/Control Measures
2. Detailed Maps which contain the following information:
 - a. Service area indicating residential, commercial, industrial and agricultural lands with major routes for septage hauling indicated;
 - b. Location of the septage treatment facility and disposal site/s
3. Other information such as:
 - a. Target market of septage desludging activities, including planned volume per month;
 - b. Make and Model of septage collection trucks;



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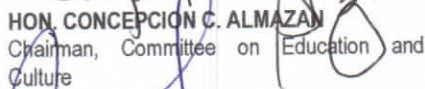
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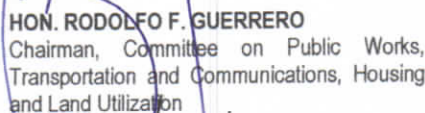

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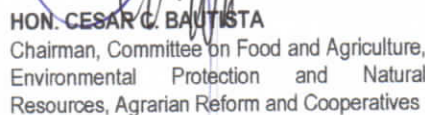
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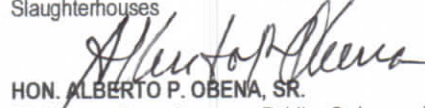

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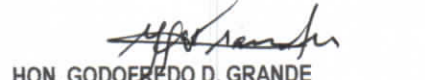

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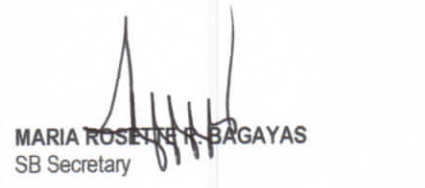

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SB Secretary

c. Staffing plan indicating anticipated costs of providing services and expected revenues from grants, loans, and tariffs.

Section 21. Stationary Service Providers – As part of the ESC application, a stationary service provider must complete all sections and have notarized the prescribed form which will contain, among others:

1. Project Description which includes the following information:

- a. Basic project information;
- b. Site information (including neighboring parcels with land ownership information and information on water supply facilities);
- c. Project rationale/objective;
- d. Project type and service area covered;
- e. Operational processes;
- f. Plans and specifications;
- g. Project component;
- h. Description of existing environment:

i. Topography;

ii. Hydrology (including information on surface waters like streams, lakes, coastal water resources);

iii. Geological conditions;

- i. Environmental sanitation measures;
- j. Environmental and health impacts;
- k. Mitigating/control measures;
- l. Occupational and health safety measures;
- m. Monitoring and evaluation plan;
- n. Other relevant information.

ARTICLE VI

DESLUDGING, COLLECTION AND TRANSPORTATION

Section 22. Desludging – Desludging of septic tanks shall be mandatory and shall be done by authorized service providers at least once every five (5) years for households and at least once every two (2) years in commercial and institutional establishments. Service providers must prepare a desludging schedule and distribute it to the barangays for proper coordination.


Section 23. Collection – Collection of septage shall be done in coordination with the Punong Barangay concerned or his/her duly authorized representative. Furthermore, the following guidelines shall be observed:

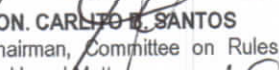



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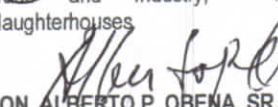

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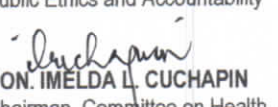

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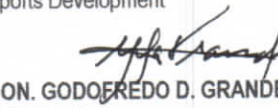

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- a. Collection shall be done when the traffic is light in the area;
- b. All collection vehicles shall have traffic cones or an early warning device which shall be placed behind and in front of the vehicle during operation;
- c. After the desludging operation, the operator must clean and disinfect any spills. It is the collection operator's responsibility to ensure that sufficient disinfectant (bleach or lime) is on the truck before it goes to a collection site;
- d. Desludging workers must wear appropriate personal protective equipment, including rubber gloves, a face mask, and eye protector;
- e. After desludging, operators must wash their hands with soap;
- f. Only operators with valid ESC and sanitary permit are authorized to collect and transport domestic sludge and septage.

Section 24. Transportation of Sludge and Septage – The driver and the service provider are responsible for the safe operation of the vehicle and equipment at all times. They must therefore strictly observe the following rules:

- a. Only drivers with Land Transportation Office (LTO) License Restriction Code #3 can operate the desludging tanker/truck;
- b. The drivers must inspect their respective trucks prior to transport on public roads to ensure that septage will not leak, spill, or run out of their tanks;
- c. All vehicles used to transport septage must be equipped, at all times, with spill control or absorbent materials and disinfectant materials;
- d. No discharge of septage or sludge shall be allowed in manholes, drainage areas, canals, creeks, rivers or other receiving bodies of water or land, except in duly authorized treatment or disposal sites.

Section 25. Vehicle and Tank Maintenance – Septage transporters/haulers shall display on both sides of their vehicles being used to transport septage the company's name, contact number, company logo, and body number of each vehicle. The information must be marked using permanent and legible lettering at least three (3) inches high and made of a reflective material.

In addition, the following requirements must be complied with:

- a. The collection vehicle used for the transport of septage and domestic sludge must have a leak-proof, watertight tank or body and lock to secure the sludge and septage, and must be able to withstand a collision with another vehicle or any permanent structure;

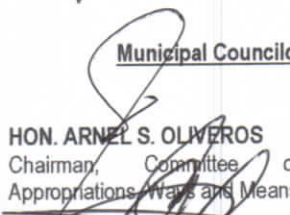


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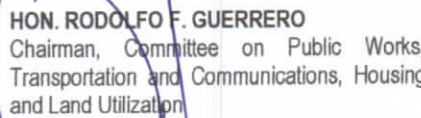

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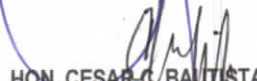
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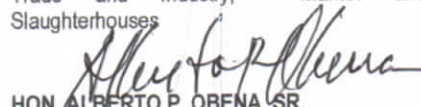

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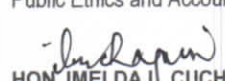

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Culture

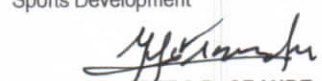

HON. RODOLFO F. GUERRERO
Chairman, Committee on Public Works,
Transportation and Communications, Housing
and Land Utilization

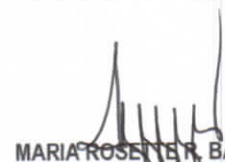

HON. CESAR C. BALTISTA
Chairman, Committee on Food and Agriculture,
Environmental Protection and Natural
Resources, Agrarian Reform and Cooperatives


HON. JOHANNA DONATA A. GAYMO
Chairman, Committee on Tourism, Labor,
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Slaughterhouses


HON. ALBERTO P. OBENA, SR.
Chairman, Committee on Public Order and
Safety, Good Government, Human Rights,
Public Ethics and Accountability


HON. IMELDA L. CUCHAPIN
Chairman, Committee on Health, Social
Welfare, Women and Family, Youth and
Sports Development


HON. GODOFREDO D. GRANDE
ABC President
Chairman, Committee on Barangay Affairs,
Games and Amusements


MARIA ROSETTER BAGAYAS
SB Secretary

b. The collection vehicle must be in good running condition in accordance with the LTO safety standards on roadworthiness;

c. The collection vehicle and tank must be maintained to prevent excessive odors or public health hazards;

d. All pipings, valves, and connection must be accessible for cleaning;

e. All inlet and outlet connections must be installed and maintained such that no material will leak, spill or run out of the tank during transfer or transportation;

f. Discharge outlets must be designed to control the flow of discharge without spraying or flooding the receiving area;

g. The discharge pipe must protrude by at least six (6) inches from the tail-end of the tank;

h. The end of the discharge pipe must have a screwed-on end cap installed; and

i. A clean and sanitary parking and dispatching area must be provided for collection vehicles.

Section 26. Accidental Spillage – In the event of an accidental spillage of sludge/septage, the operator shall:

a. Immediately take action to contain the sludge/septage to minimize the environmental impact and begin clean-up procedures. The operator shall immediately collect and contain the spill.

b. The operator must notify the Municipal Health Office within twenty four (24) hours from the time of the incident.

c. In the event that a private service provider fails to perform clean-up operations, the Municipal Government shall perform the clean-up and charge all expenses incurred to the service provider, without prejudice to other sanctions available under this Ordinance and/or pertinent national laws, rules and regulations.

**ARTICLE VII
TREATMENT AND DISPOSAL**


Section 27. Treatment – All domestic sludge/septage shall be processed and treated in a treatment facility authorized by the Department of Health and/or Department of Environment and Natural Resources. Septage treatment facilities and septage truck yards must maintain a hygienic and safe work environment.



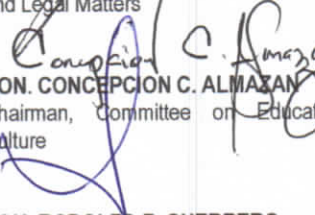
Presiding Officer



HON. RAFAEL M. NARAL
Municipal Vice Mayor

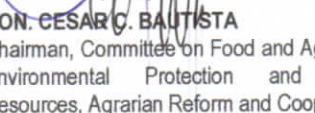
Municipal Councilors


HON. ARNEL S. OLIVEROS
Chairman, Committee on Finance,
Appropriations, Ways and Means

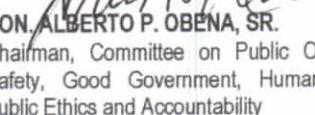

HON. CARLITO B. SANTOS
Chairman, Committee on Rules, Ordinances
and Legal Matters

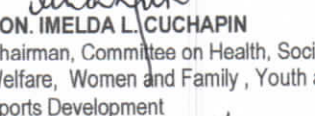

HON. CONCEPCION C. ALMAZAN
Chairman, Committee on Education and
Culture


HON. RODOLFO F. GUERRERO
Chairman, Committee on Public Works,
Transportation and Communications, Housing
and Land Utilization


HON. CESAR C. BAUTISTA
Chairman, Committee on Food and Agriculture,
Environmental Protection and Natural
Resources, Agrarian Reform and Cooperatives


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HON. GODFREDO D. GRANDE
ABC President
Chairman, Committee on Barangay Affairs,
Games and Amusements


MARIA ROSETTE R. BAGAYAS
SB Secretary

The Municipality of Anao shall endeavor to establish its own septage treatment facility, or encourage private entities or promote/enter into public-private partnership arrangements to put up such facilities in the Municipality. In the meantime, the Municipality shall conclude, as soon as possible, a mutually acceptable arrangements with the existing Septage Treatment Facilities (STFs) to enable mobile service providers to transport and dispose for treatment of the desludged septage in compliance with this Ordinance.

Section 28. Requirements for Treatment Facilities:

- a. Only applicants with valid ESCs and sanitary permits may be authorized to operate domestic sludge and septage processing and treatment facilities;
- b. These operators shall also obtain all other necessary permits as required by existing facilities;
- c. The treatment facility shall comply with existing standards and regulations of regulating agencies, including disposal of treated effluent to the receiving environment;
- d. Treatment facilities shall comply with the following minimum hygienic and sanitation requirements:
 - i. At least one (1) hand washing facility;
 - ii. At least one (1) toilet
 - iii. At least one (1) bathroom;
 - iv. At least one (1) drinking water fountain/dispenser
 - v. At least one (1) utility sink;
 - vi. Proper ventilation and lighting;
 - vii. Flooring and walls shall be made of impervious materials;
 - viii. All plumbing fixtures must be in accordance with the National Plumbing Code (RA 1378)
 - ix. Availability at all times of soap and any approved hand-drying device/materials.

Section 29. Sludge and Septage Treatment Processes – Septage must be stabilized prior to disposal. One or combination of the following methods shall be used to treat sludge and septage such as dewatering and drying, composting, and/or any other treatment process approved by the Department of Environment and Natural Resources.


Section 30. Disposal of Treated Sludge and Septage – Treated sludge and septage shall be disposed of by landfilling, spread on land, or using other new technology options that may be accepted by the Department of Health or Department of Science and Technology.

Under no circumstances shall untreated sludge or raw septage be placed in a sanitary landfill. All septage or sludge must be treated or stabilized prior to landfilling.

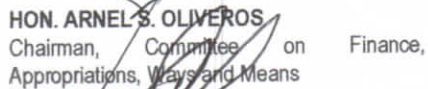


OFFICE OF THE SANGGUNIANG BAYAN

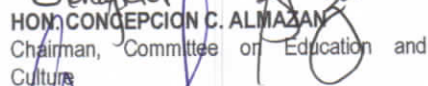
Presiding Officer

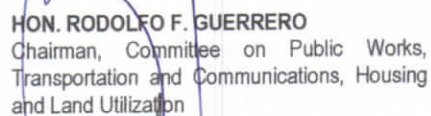

HON. RAFAEL MONRAL
Municipal Vice Mayor

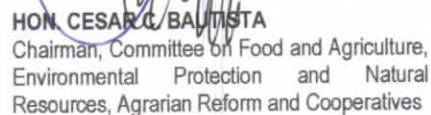
Municipal Councilors


HON. ARNEL S. OLIVEROS
Chairman, Committee on Finance,
Appropriations, Ways and Means

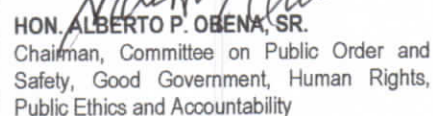

HON. CARLITO B. SANTOS
Chairman, Committee on Rules, Ordinances
and Legal Matters

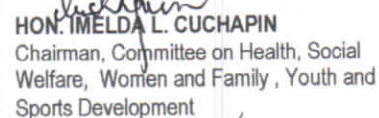

HON. CONCEPCION C. ALMAZAN
Chairman, Committee on Education and
Culture

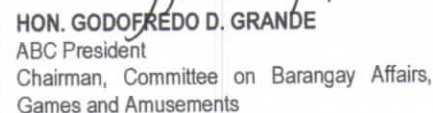

HON. RODOLFO F. GUERRERO
Chairman, Committee on Public Works,
Transportation and Communications, Housing
and Land Utilization

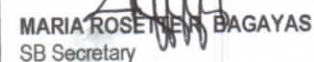

HON. CESAR C. BAUTISTA
Chairman, Committee on Food and Agriculture,
Environmental Protection and Natural
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HON. JOHANNA DONATA A. CAYMO
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Chairman, Committee on Health, Social
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Sports Development


HON. GODOFREDO D. GRANDE
ABC President
Chairman, Committee on Barangay Affairs,
Games and Amusements


MARIA ROSE NIEN BAGAYAS
SB Secretary

Section 31. Requirements for Land Application – Only treatment plant operators or their authorized agents with valid Environmental Sanitation Clearance and sanitary permits are allowed to dispose of treated septage or sludge on land.

Project proponents must specify which parcels of land are intended for such uses. This information, along with approval from the landowner, shall accompany the application submitted to the Department of Agriculture (DA) for permit for land application.

The sludge may be applied to agricultural land, forestland, lahar areas if any, coconut, bamboo, and rubber plantations, etc. as organic fertilizer and/or soil conditioner to facilitate nutrient transport and increase water retention. If applied to land where food crops will be grown, special precautions must be taken to prevent contamination. The amount of nitrogen, phosphorous, potassium, pathogens, essential trace elements and heavy metals shall be within the allowable/acceptable limits set by the DA, Bureau of Soils and Water Management. In cases where the operator intends to sell its treated sludge, product registration must be secured from the DA.

Section 32. General Guide for Land Application – As a general guide, land application for stabilized septage or treated sewage sludge shall conform to the following conditions:

- a. Keep land application to a minimum of 10 meters away from irrigation return flow ditches, rivers, lakes, or wells;
- b. Spread the material evenly, on or just below the soil surface, and not dump it all in one place where it can easily get washed off in heavy rain;
- c. Avoid application on soils that are highly permeable, have a low water holding capacity, have a shallow depth to bedrock or a hardpan, have a high water table, or have a slope steeper than six percent;
- d. Follow good irrigation water management practices to prevent surface runoff or leaching of nutrients;
- e. Keep good records of application rates, management practices, and field condition at the time of application.


Section 33. Disposal of Biosolids – Following proper treatment, proper disposal or biosolids produced by the septage treatment process shall be in compliance with the requirements stated in the DOH's Operations Manual on the Rules and Regulations Governing Domestic Sludge and Septage. Details of the bio-solids disposal shall be included in the operations and maintenance plan of the septage treatment facility.

Section 34. Pre-treatment for Commercial Facilities – Septage from a commercial or other non-residential facility may be accepted, provided, that the septic tank only

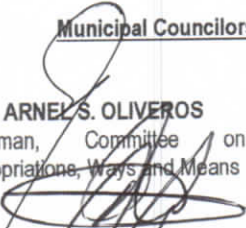


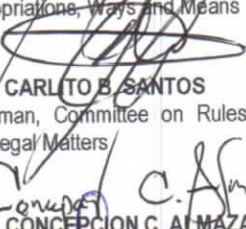
OFFICE OF THE SANGGUNIANG BAYAN

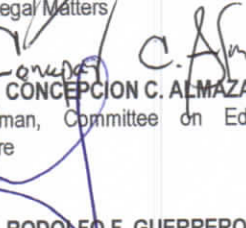
Presiding Officer

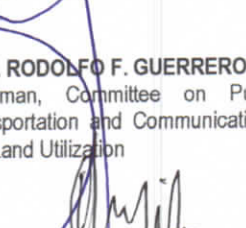

HON. RAFAEL M. NARAL
Municipal Vice Mayor

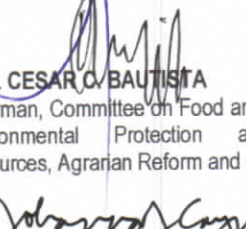
Municipal Councilors

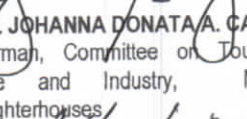

HON. ARNEL S. OLIVEROS
Chairman, Committee on Finance,
Appropriations, Ways and Means

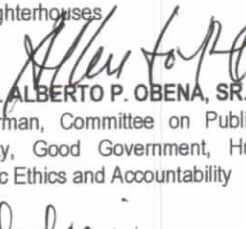

HON. CARLITO B. SANTOS
Chairman, Committee on Rules, Ordinances
and Legal Matters

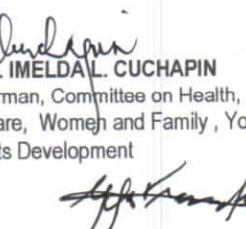

HON. CONCEPCION C. ALMAZAN
Chairman, Committee on Education and
Culture

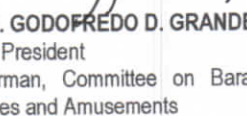

HON. RODOLFO F. GUERRERO
Chairman, Committee on Public Works,
Transportation and Communications, Housing
and Land Utilization



HON. CESAR C. BAUTISTA
Chairman, Committee on Food and Agriculture,
Environmental Protection and Natural
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ABC President
Chairman, Committee on Barangay Affairs,
Games and Amusements


MARIA ROSETTE B. BAGAYAS
SB Secretary

receives wastewater typical of a household (i.e. from toilets and sinks). If the wastewater contains substances of a commercial nature such as oil or fuel residue, metals or high volumes of fats and grease, the owner must develop an appropriate pre-treatment program approved by the Municipal Engineer and Municipal Health Officer upon recommendation of the Anao Waste Management Board.

ARTICLE VIII
ADMINISTRATION AND ENFORCEMENT

Section 35. The Anao Waste Management Board (AWMB) as Over-all Septage and Sewerage Management Policy Coordinator – Without encroaching upon or supplanting the inherent duties, functions and responsibilities under the national laws, rules and regulations of the officers named herein, the Anao Waste Management Board shall act as the over-all septage and sewerage management policy coordinator and perform oversight functions on the implementation of the Municipality's Septage and Sewerage Management Program as well as in the enforcement of this Ordinance.

Section 36. Monitoring and Evaluation – Close monitoring of all activities in the implementation of the Municipality's Septage and Sewerage Management Plan as well as enforcement of this Ordinance shall be undertaken by the AWMB, assisted by the Technical Working Group until a regular Office or Department shall have been duly created and filled-up. For this purpose, the AWMB and/or the pertinent Department as provided in this Ordinance or its duly authorized representative/s shall have access to the premises and pertinent records of the service providers operating within its area or with whom it has contractual relations.

Section 37. Selection of Desludging Service Providers – Within six (6) months from the approval of this Ordinance, the AWMB shall adopt a system of qualifications and criteria in selecting service providers for desludging service, minimum equipment required to undertake desludging, possession of valid permits and a contract with an authorized septage disposal facility.

a. Municipality may enter into agreement with one or more qualified desludging service providers. Such agreements shall include reasonable fees to compensate for desludging service, subject to the recommendation of the AWMB;

b. The Municipality may also make an institutional arrangement with its existing water supply utility provider to provide, maintain and operate a wastewater collection, treatment and disposal facility including a sewage system;

c. The Technical Working Group of the AWMB shall formulate the system of collection of desludging service providers;

d. The Municipal Planning and Development Office shall include in its data base the information and systems that will efficiently reflect household and establishments covered by this Ordinance, desludging schedules and desludging events, volume of



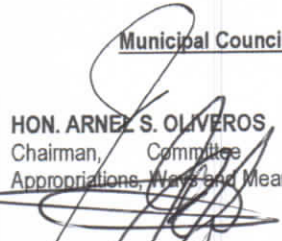
Republic of the Philippines
Province of Tarlac
MUNICIPALITY OF ANAO

OFFICE OF THE SANGGUNIANG BAYAN

Presiding Officer



HON. RAFAEL M. NARAL
Municipal Vice Mayor

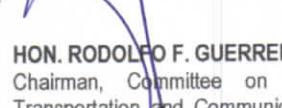
Municipal Councillors


HON. ARNEL S. OLIVEROS
Chairman, Committee on Finance,
Appropriations, Ways and Means

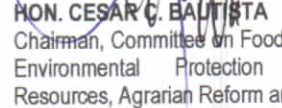

HON. CARLITO B. SANTOS
Chairman, Committee on Rules, Ordinances
and Legal Matters

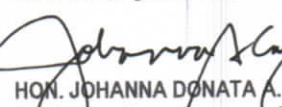

HON. CONCEPCION C. ALMAZAN
Chairman, Committee on Education and
Culture

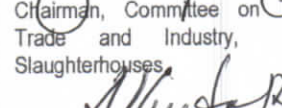

HON. RODOLFO F. GUERRERO
Chairman, Committee on Public Works,
Transportation and Communications, Housing
and Land Utilization

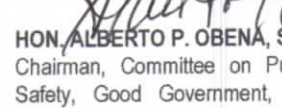

HON. CESAR C. BAUTISTA
Chairman, Committee on Food and Agriculture,
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Chairman, Committee on Health, Social
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HON. GODOFREDO D. GRANDE
ABC President
Chairman, Committee on Barangay Affairs,
Games and Amusements


MARIA ROSETTE R. BAGAYAS
SB Secretary

septage desludged, fees due and collected, as well as those uncollected; payment due and paid to desludgers, and other relevant information;

e. The Municipal Planning and Development Office shall assist the Municipal Engineer and the Municipal Health Officer in recording and tracking households, including their location and number, that have septic tanks complying with this Ordinance and those that still have to comply. However, the above-mentioned task may be assigned to a responsible service provider following the principle of a public-private partnership.

f. There should be an accredited pollution control officer.

Section 38. Desludging/Tipping Fee/Collection of Fees - There shall be collected monthly from households, commercial and institutional establishments desludging/tipping fee for the mandatory desludging of septic tanks and the treatment of septage.

Within six months from the approval of this Ordinance, and after conducting public consultations, the amount of monthly desludging fee and the procedure of payment and collection shall be determined and formulated by the Anao Waste Management Board to be assisted by the Technical Working Group and the Municipal Planning and Development Office and it shall thereafter be submitted for recommendation to the Municipal Mayor.

Establishments that have desludging and treatment contracts with authorized disposal facilities and upon presentation of a copy of the agreement and a desludging certificate issued during the past three months to the Municipal Engineer, shall not be covered by the monthly desludging fee.

Commercial and similar establishments that operate wastewater/sewage treatment facilities duly covered by environmental compliance certificates and discharge permits from the Environmental Management Bureau and upon presentation of these documents to the Municipal Engineer, shall not be covered by the monthly desludging fee. Provided, that their septic tanks for human excreta shall be covered by the monthly desludging fee.

Section 39. Funding - The Municipal Government shall allocate the necessary funds to support the capital expenditures for septage management infrastructure that may be necessary to carry out this Ordinance and for the operating and maintenance expenses of the MWMB for facilitating enforcement of this Ordinance.

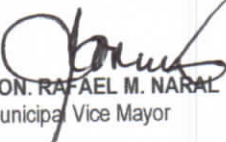
Section 40. Prohibited Acts - The following acts are hereby prohibited:

a. Discharging, injecting or allowing to seep into the soil or sub soil any substance in any form that would pollute groundwater. In the case of geothermal projects, and subject to the approval of the Department, regulated discharge for short-term activities

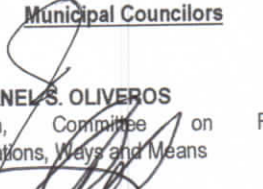



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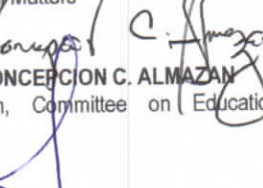
Presiding Officer

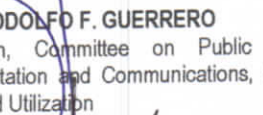

HON. RAFAEL M. NARAL
Municipal Vice Mayor

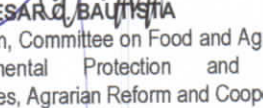
Municipal Councillors

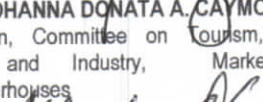

HON. ARNEL S. OLIVEROS
Chairman, Committee on Finance,
Appropriations, Ways and Means

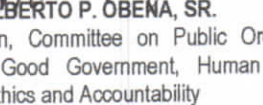

HON. CARLITO B. SANTOS
Chairman, Committee on Rules, Ordinances
and Legal Matters

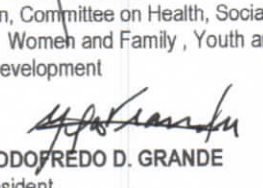

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Chairman, Committee on Education and
Culture

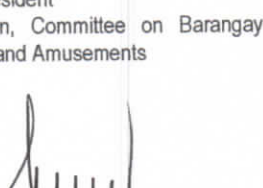

HON. RODOLFO F. GUERRERO
Chairman, Committee on Public Works,
Transportation and Communications, Housing
and Land Utilization

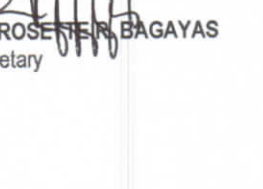

HON. CESAR C. BAUTISTA
Chairman, Committee on Food and Agriculture,
Environmental Protection and Natural
Resources, Agrarian Reform and Cooperatives


HON. JOHANNA DONATA A. CAYMO
Chairman, Committee on Tourism, Labor,
Trade and Industry, Market and
Slaughterhouses


HON. ALBERTO P. OBENA, SR.
Chairman, Committee on Public Order and
Safety, Good Government, Human Rights,
Public Ethics and Accountability


HON. IMELDAL. CUCHAPIN
Chairman, Committee on Health, Social
Welfare, Women and Family, Youth and
Sports Development


HON. GODOFREDO D. GRANDE
ABC President
Chairman, Committee on Barangay Affairs,
Games and Amusements


MARIA ROSEFER BAGAYAS
SB Secretary

(e.g. well-testing, flushing, commissioning, venting) and deep re-injection of geothermal liquids may be allowed; provided, that safety measures are adopted to prevent the contamination of the groundwater;

b. Operating facilities that discharge regulated water pollutants without the valid required permits or after the permit was revoked for any violation on any condition therein;

c. Disposal of potentially infectious medical waste into sea water by vessels unless the health or safety of individuals on board the vessel is threatened by a great and imminent peril;

d. Unauthorized transport or dumping into sea waters of sewage sludge or solid waste as defined

e. Transport, dumping into sea waters of sewage sludge or solid waste as defined under Republic Act No. 9003;

f. Operate facilities that discharge or allow to seep, willfully or through gross negligence, prohibited chemicals, substances or pollutants listed under R.A. No. 6969 into water bodies or wherein the same shall be liable to be washed into such surface, ground, coastal, and marine water;

g. Undertaking activities or development and expansion of projects, or operating wastewater/sewerage facilities in violation of Presidential Decree No. 1586 and its implementing rules and regulations;

h. Discharging regulated water pollutants without the valid required discharge permit pursuant to this Act or after the permit pursuant to this Act or after the permit was revoked for any violation on conditions therein;

i. Refusal to allow entry, inspection and monitoring by the Anao Waste Management Board (AWMB) in accordance with this Code;

j. Refusal to allow access by the Anao Waste Management Board (AWMB) to relevant reports and records in accordance with this Act;

k. Refusal or failure to submit reports whenever required by the Anao Waste Management Board (AWMB) in accordance with this Act;

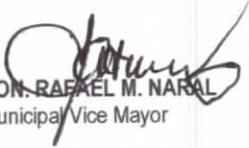
l. Refusal or failure to designate pollution control officers whenever required by; and

m. Directly using booster pumps in the distribution system or tampering with the water supply in such a way as to alter or impair the water quality.




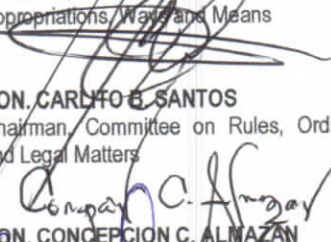
OFFICE OF THE SANGGUNIANG BAYAN

Presiding Officer

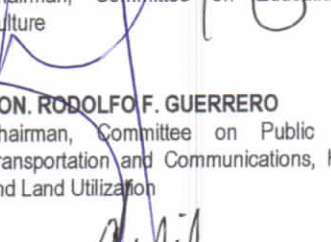

HON. RAFAEL M. NARAL
Municipal Vice Mayor

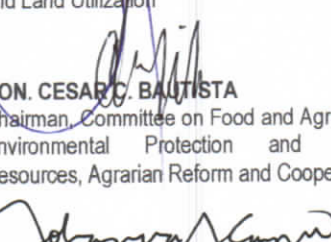
Municipal Councilors


HON. ARNEL S. OLIVEROS
Chairman, Committee on Finance,
Appropriations, Ways and Means

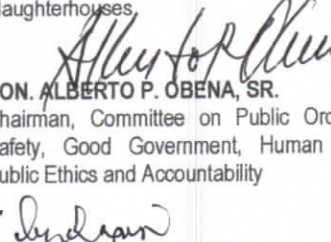

HON. CARLITO B. SANTOS
Chairman, Committee on Rules, Ordinances
and Legal Matters

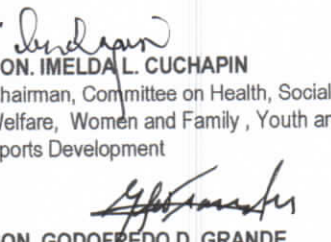

HON. CONCEPCION C. ALMAZAN
Chairman, Committee on Education and
Culture

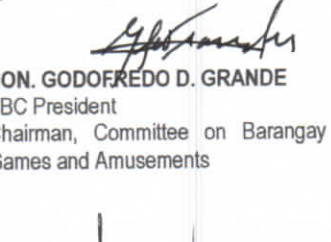

HON. RODOLFO F. GUERRERO
Chairman, Committee on Public Works,
Transportation and Communications, Housing
and Land Utilization

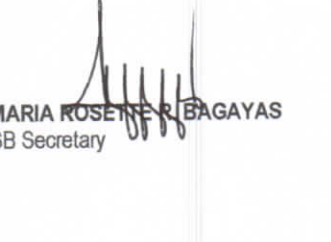

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HON. GODOFREDO D. GRANDE
ABC President
Chairman, Committee on Barangay Affairs,
Games and Amusements


MARIA ROSEMARIE R. BAGAYAS
SB Secretary

Section 41. Penalties

The owner/s of a residential or commercial building, who fail/s to comply with the provisions of this Ordinance within three (3) years from its effectivity, shall pay the following fines per violation, to wit:

- | | | |
|--|---|-----------------------------------|
| a. For private Residential Buildings | - | P2,000.00 per non-compliance |
| b. For Hotels, Apartments, Banks, Offices, Shops, Lodging Houses, Malls, Restaurants and other Commercial Establishments | - | P2,500.00 per non-compliance |
| c. For Hospitals, Funeral Parlors, Hog Raisers, and other Similar Operations | - | P2,500.00 per non-compliance |
| d. For individuals | - | P1,000.00 1 st Offense |
| | - | P1,500.00 2 nd Offense |
| | - | P2,000.00 3 rd Offense |

In addition, non-compliance with provisions herein may result in the cancellation of business permits for commercial establishments upon recommendation by the by the AWMB to be implemented by the authority issuing the business permit which, in this instance, is the Municipal Mayor.

Section 42. Waste Management Trust Fund – Penalties imposed for non-compliance shall be allocated to a Wastewater Management Trust Fund which is herein established and intended for the enforcement of this Ordinance.

ARTICLE IX
FINAL PROVISIONS

Section 43. Separability Clause – Should any section or provision of this Ordinance be declared by any court to be unconstitutional or invalid, such decision shall not affect the validity of this Ordinance as a whole or any part thereof other than the part so declared to be unconstitutional or invalid.

Section 44. Repealing Clause – All ordinances or parts thereof which are in conflict with the provisions of this Ordinance are hereby repealed, modified or amended accordingly.


Section 45. Effectivity Clause – This Ordinance shall take effect fifteen (15) days after its publication in newspapers, other forms of print media of local circulation or posting on three (3) conspicuous places.



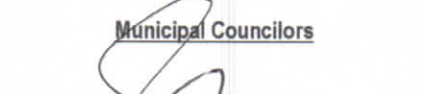
Republic of the Philippines
Province of Tarlac
MUNICIPALITY OF ANAO

OFFICE OF THE SANGGUNIANG BAYAN

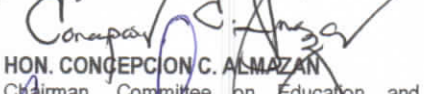
Presiding Officer



HON. RAFAEL M. NARAL
Municipal Vice Mayor

Municipal Councillors



HON. ARNEL S. OLIVEROS
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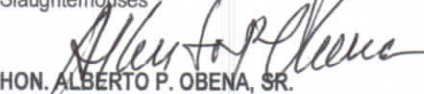

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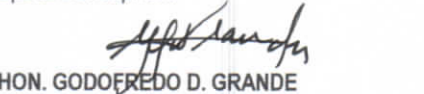

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HON. GODOFREDO D. GRANDE
ABC President
Chairman, Committee on Barangay Affairs,
Games and Amusements


MARIA ROSETTE R. BAGAYAS
SB Secretary

Voting on the foregoing Ordinance are as follows:

AYES: Coun. Arnel S. Oliveros
Coun. Carlito B. Santos
Coun. Concepcion C. Almazan
Coun. Rodolfo F. Guerrero
Coun. Cesar C. Bautista
Coun. Alberto P. Obena, Sr.
Coun. Imelda L. Cuchapin (7)

NAYS: None (0)
ABSTAIN: None (0)

RESOLVED FINALLY that copy of this resolution be forwarded to the Municipal Mayor, Hon. Betty B. Lacbayan for her information and appropriate action.

ADOPTED UNANIMOUSLY by the Members of the Sangguniang Bayan present during their regular session held at Anao, Tarlac on May 22, 2017.

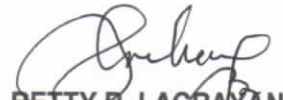
I hereby certify to the correctness of the foregoing Municipal Ordinance No. 2017-174 which was duly enacted by the Members of the Sangguniang Bayan Session Hall, Anao, Tarlac on May 22, 2017.


MARIA ROSETTE R. BAGAYAS
SB Secretary

ATTESTED:


RAFAEL M. NARAL
Presiding Officer

APPROVED: May 25, 2017


BETTY B. LACBAYAN
Municipal Mayor