
INTRODUCTION

STATEMENT OF PURPOSE

This manual was developed for the following reasons:

- To protect the public health and the ground and surface water quality within the Town of Paradise and neighboring areas of Butte County.
- To facilitate an orderly development of wastewater management within the Town of Paradise Onsite Wastewater Management Zone.
- To provide technical guidance for siting, design, construction and inspection of onsite wastewater treatment and disposal systems. Approved procedures, design, and siting criteria, materials, methods, administrative policies, and enabling legislation are described in detail.

SCOPE

The technical issues of safe onsite wastewater treatment and disposal are addressed in this manual. Land planning and zoning issues such as development density are not considered. The manual is based on the soil and site conditions required to treat wastewater from residential dwellings and commercial facilities. Commercial facilities include restaurants, laundromats, hospitals and shopping centers. The onsite disposal of industrial wastewater is not considered in this manual.

Discharge of raw wastewater or untreated septic tank effluent directly or indirectly onto the ground surface or into public waters is prohibited. An approved wastewater disposal system is required for all dwellings. All wastewater shall be treated and disposed of in a manner approved by the Onsite Sanitary Official. No person will dispose of wastewater or septage (septic tank pumpings) in any location not authorized by the Onsite Sanitary Official, and all plumbing fixtures in dwellings and commercial facilities from which wastewater is, or may be discharged, shall be connected to an approved disposal system. If, in the judgment of the Town, proposed operation of a system would cause pollution of public waters or create a public health hazard, system installation or use shall not be authorized.

The Town of Paradise will be responsible for the management of all onsite systems within the boundaries of the Town of Paradise Onsite Wastewater Management Zone. Waste discharge permits will be placed under the Town's jurisdiction.

Each system will have an adequate capacity to treat and dispose properly of the maximum projected daily wastewater flow. The quantity of wastewater will be determined by the Onsite Sanitary Official. Increased flows into the system are prohibited, except where specifically allowed within this manual. No dwelling or commercial facility shall be connected to an existing system if the total projected wastewater flow would be greater than that allowed under the original system Operating Permit. Certain discharges are also prohibited into the system, such as noncooking oils, hazardous materials, roof drainage, restrictive chemical material, etc.

A permit to install a new system can be issued only if each site has received an approved site evaluation and is free of encumbrances such as easements, deed restrictions, etc., which could prevent the installation or operation of the system.

APPLICABILITY

This manual applies to existing lots only. The provisions of Chapter 13.04 of the Paradise Municipal Code apply for the creation of new lots and subdivisions.

ORGANIZATION

The manual is organized into two major parts, Part A -- Permits and Policies -- includes all the procedures that must be followed to obtain the permits needed to site, design, construct and repair onsite systems. In addition, sections on variances, fees, and enabling laws, policies, and ordinances are included.

Part B -- Onsite Systems: Description and Design Criteria -- includes a guide to the selection of appropriate onsite systems based on soil type and site conditions. This part of the manual includes a description of various onsite systems that can be used in the Town of Paradise Onsite Wastewater Management Zone. Details of the system components, materials, servicing, and equipment specifications are included in Chapter 5 followed by a discussion of large flows in Chapter 6 and discussion on innovative applications in Chapter 7.

The manual concludes with a section on terminology followed by Appendixes on soil profile terminology, groundwater monitoring guidelines, hydraulic testing of soil, and sample forms.

UNITS OF MEASURE

The following abbreviations for units of measure are used in this manual:

Unit of Measure	Abbreviation
millimeters	mm
inches	in
feet	ft
second	s
minute	min
hour	hr
day	d
gallons	gal
square inches	in ²
square feet	ft ²
pound	lb

PART A:
PERMITS AND POLICIES

