

**RULES AND REGULATIONS
SEWER (S)
RULE S-1
DESCRIPTION OF SERVICE**

S-1.01 GENERAL

Rule describes the availability, character, and conditions of sewer service.

S-1.02 REFERENCE

Los Alamos Code of Ordinances, Section 40, Article IV Sewer Use.

S-1.03 AVAILABILITY

The Utility provides for disposal of permitted waste and sewage from customers connected to its sewer facilities. Sewer service is supplied for residential, commercial, and other customers within the County.

S-1.04 CHARACTER OF SERVICE

The Utility shall accept all permitted sewer wastes in accordance with the Los Alamos County Code of Ordinances, Section 40 requirements. In general, such wastes shall be those normally obtained from the sewer lines of a home or building and are treatable in the Utility's treatment plants without interfering with the treatment process.

S-1.05 CONDITIONS OF SERVICE

Conditions of service are per Los Alamos County Code of Ordinance, Section 40, Article IV, Sewer Use.

**RULES AND REGULATIONS
SEWER (S)
RULE S-2
SERVICE CONNECTIONS - SEWER**

S-2.01 GENERAL

Rule provides specific connection requirements for sewer service.

S-2.02 REFERENCE

- A. Los Alamos County Code of Ordinances, Section 40, Article IV Sewer Use.
- B. Uniform Plumbing Code, latest edition

S-2.03 RESIDENTIAL SEWER SERVICE LINE

For a service pipeline with no property-line-cleanout, the "Service Line" for sewer service is defined as the sewer line from the main to the house. For a service pipeline with a property-line-cleanout, approved by the Utility, the "Service Line" for sewer service is defined as the sewer line from the property-line-cleanout to the house, and the "Delivery Line" for sewer service is defined as the sewer line from the main to the property-line-cleanout. A property-line-cleanout is typically installed by the property owner or customer after approval of the location by the Utility. The property-line-cleanout and delivery-line are owned by the Utility. The service line is installed and owned by the property owner or customer.

S-2.04 REQUIREMENTS OF SERVICE CONNECTION

- A. All sewer service connections shall be installed in accordance with Los Alamos Code of Ordinances, Section 40, Article IV Sewer Use, and the Uniform Plumbing Code, latest edition.
- B. The customer shall submit an application for service together with the required payment prior to any connection in accordance with GR- 6, Application for Service.
- C. The customer shall pay the associated connection fees for the installation.
- D. The customer shall call for location of underground Utility before excavation in accordance with GR-24, Utility Line Locates.
- E. Sewer service and trenching must be inspected and approved in its entirety by Utility Engineering prior to backfilling the trench. Customer shall be required to re-excavate the sewer service if it's backfilled prior to Utility inspection and approval. The Utility may disconnect water until the re-excavation takes place.
- F. The connection into the sewer main shall be made/installed only by the Utility.
- G. New service installations require a cleanout to the main at the property line. Additionally, if any portion of the residence drain-waste-vent system is below the level of the upstream manhole on the sewer main, a backwater valve, back-flow preventer or similar device is required.
- H. Abandoning a private system and connecting to the Utility's sewer system. Upon connection to the Utility, on-site wastewater treatment/disposal systems shall be rendered incapable of future use in compliance with applicable local, state and federal regulations and LAC 40-243, Private sewage disposal. Exception- Gray water holding and irrigation systems are expressly allowed.
- I. Effective September 1, 2025, new customer connections are required to have a grinder and pump

system that is at least as efficient as an E/ONE Grinder Pump System, or an equivalent system, which must be pre-approved by the Utility. The grinder and pump system must satisfy the hydraulic conditions suitable to the property's location, also known as the Total Dynamic Head (TDH), before connecting to the public low-pressure system. TDH is a critical measurement used to ensure that pumps are sized correctly and that sewer lift stations operate efficiently. All new construction and all applications for new connections to the public low-pressure sewer system shall include a submittal of the details of the proposed private grinder pump system. Exceptions to the requirement to meet the equivalent performance of an E/ONE Grinder Pump System, will be considered on a case-by-case basis. The property owner or customer is required to provide complete technical specifications of any new proposed system for review and approval, or denial, by the DPU Engineering Department, to verify and ensure the performance and sewage processing of the new system will be compatible with the public low-pressure system.

- J. Grinder pump systems are owned and maintained by the installing property owner or customer, wholly on their private property and upstream of the property-line-cleanout.
- K. The public low-pressure system begins at the property line, at the county-owned isolation valve and check valve. All low-pressure sewer connections shall be constructed according to the standard detail 5017D. (Detail 5017D is attached for reference.)

S-2.05 NUMBER OF SERVICES

- A. Customers occupying separate premises or quarters shall be supplied with individual service connections in accordance with this rule, except as provided in Rule GR-10, Service Connection and Connection to Utility.
- B. In general, one sewer service line is allowed for each dwelling. Multiple dwelling units (up to four units) require separate service lines.
- C. A main extension with manholes of appropriate size is required for properties with more than four (4) dwelling units.
- D. Customer may apply for separate services to accommodate future lot splits. Additional costs for separate services shall be recovered by the Utility from the Customer.

S-2.06 COMMERCIAL SEWER SERVICES

- A. Commercial sewer service lines six inches in diameter or greater shall terminate in a main line manhole at Customer sole expense.
- B. Traps and interceptors as required by the Utility shall be installed per Uniform Plumbing Code, latest edition at customer sole expense.

**RULES AND REGULATIONS
SEWER (S)
RULE S-3
RESPONSIBILITY FOR SEWER FACILITIES**

S-3.01 GENERAL

Rule provides the Utility and Customer responsibility for sewer equipment.

S-3.02 UTILITY RESPONSIBILITY

- A. The Utility shall be responsible for the installation, repair, maintenance and replacement of sewer mains.
- B. Upon a customer's request, the Utility shall provide maintenance and cleaning services of a customer's delivery line from the property line cleanout to the main at no charge to the customer, if an accepted property line cleanout exists at the time of the request.
- C.

S-3.03 CUSTOMER RESPONSIBILITY

- A. The Customer shall be responsible for hiring a qualified contractor for :
 - 1) Sewer main tap.
 - 2) The installation, repair, replacement and maintenance of the service line and connection to the sewer main stub-out at the property line.
 - 3) Installation of the service line to the main if no stub out exists.
- B. Service lines from the property line to the main if there is no property cleanout. Service line taps of this type needing replacement or repair will be replaced by a qualified contractor, hired by the customer, and the work shall comply with the DPU Construction Standards and be inspected by Utility GWS (Gas Water and Sewer) personnel. If there is a property line cleanout the Utility is responsible for the tap and the line between the tap and the property line cleanout.

If a customer elects to install a property line cleanout in an existing service line, the Utility GWS (Gas Water and Sewer) management must inspect the tap and stub out and provide a written acceptance of those components prior to taking over responsibility for them.

- C. The customer is responsible for cleaning out service lines to the sewer main and backwater valves, except as provided in Section S-3-02.B above.
- D. For existing service where the owner requests the utility to maintain the service line between the property line and the main, a qualified contractor will install the property line cleanout plus a back water valve if required, at customer expense. The work shall comply with the DPU Construction Standards and must be inspected by Utility GWS (Gas Water and Sewer) personnel. In addition, the existing service line between the cleanout and the main will be video inspected by the utility to assess the condition. If the existing pipe is found to be in poor condition, the DPU will not accept the line for maintenance.

**RULES AND REGULATIONS
SEWER (S)
RULE S-4
SEWER TRAPS AND INTERCEPTORS**

S-4.01 GENERAL

Rule provides requirements for installation of traps and interceptors to prevent fats, oils, grease, sand and other harmful substances from entering the sewer collection system to protect the sewer collection and treatment facilities. The DPU performs grease trap inspections on an annual basis.

S-4.02 REFERENCES

- A. Los Alamos County Code of Ordinances, Section 40, Article IV Sewer Use.
- B. Uniform Plumbing Code (UPC)- Latest Edition

S-4.03 REQUIREMENTS

- A. Except as provided in subsection B, below, sewer traps and interceptors shall be provided by the Customer and maintained by the customer at the Customer's sole expense when determined by the Utility to be necessary for the proper handling of liquid waste containing fats, oil and grease, flammable wastes, sand or other harmful substances.
- B. Sewer interceptors and traps are not required for individual private dwelling quarters.
- C. Interceptors and traps shall be of a type and capacity approved by the Utility and meeting the UPC requirements.
- D. Interceptors and traps shall be located for easy and readily accessible cleaning and inspection by the Utility.
- E. Sewer interceptors and traps shall be installed in all service stations, car washes, garages, restaurants, or any other facilities where discharge of fats, oil and grease, flammable wastes, sand or other harmful substances as determined by the Utility is expected.
- F. Interceptors and traps shall be maintained in efficient operating condition, by periodic removal of accumulated materials. At no time during the cleaning or operation process shall substances collected by the interceptors and traps be introduced into a drain or other fixtures that are connected to the public sewage collection system. User is responsible for proper disposal of accumulated materials.

**RULES & REGULATIONS
SEWER (S)
RULE S-5
PRIVATE SEWAGE DISPOSAL**

S-5.01 GENERAL

Rule provides requirements for the proper disposal and treatment of sewage from private sewage systems.

S-5.02 REFERENCES

- A. Los Alamos County Code of Ordinances, Section 40, Article IV Sewer Use.

S-5.03 DEFINITIONS

- A. Chemical Toilet Waste shall mean any sanitary waste from portable or one door movable sanitary facilities. None of these shall contain industrial waste, toxic waste, radiological waste or hazardous waste as defined in Resource Conservation and Recovery Act (RCRA, 40 CFR, 122 & 403) or any recodification or revision thereto.
- B. Septic tank waste shall mean any sanitary waste from residential and commercial septic tanks. None of these wastes shall contain wastes excluded in the definition contained in chemical toilet waste.
- C. Septage shall mean the mixture of domestic sludge and wastewater removed during the pumping of a septic tank used in the treatment of residential and commercial waste discharges, (sand, grit and grease from traps or industrial waste from holding tanks is not considered septage).
- D. User shall mean any person permitted to discharge septic tank waste, chemical toilet waste, sand trap waste and grease trap waste to an approved area.

S-5.03 APPLICABILITY

- A. This rule applies to private sewage disposal systems where the building sewer is not connected to a public sanitary sewer.
- B. In accordance with LAC Sec. 40-243, Private sewage disposal.
- C. This rule shall not apply to recreational vehicles.

S-5.04 REQUIREMENTS

- A. Private sewage disposal requirements are in accordance with LAC Sec. 40-243, Private sewage disposal.
- B. All septage waste shall be hauled and disposed by septage haulers according to these rules.
- C. All septage waste shall be disposed of at an approved septage disposal area.
- D. User shall dispose of chemical toilet waste at the Utility's wastewater treatment facility or other state, county, or federal approved facility or disposal area.

S-5.05 PERMITTING REQUIREMENTS

- A. The permittee shall be required to complete all information on the Manifest before discharging waste, and to certify the accuracy of all information pertaining to waste discharges to be made at the Utility wastewater treatment plant.
- B. Each permittee shall be responsible for obtaining a trip manifest report from the septage disposal facility prior to discharging any waste. The manifest shall record the following:
 - 1) The name and address of waste hauler;
 - 2) The waste haulers permit number;
 - 3) The date the waste was received from producer;
 - 4) The name and address of producer;
 - 5) The origin of waste (address);
 - 6) The type of waste (residential, commercial);
 - 7) The quantity of wastes (gallons);
 - 8) The signature of hauler (certifies the origin, type, quantity, and producer address on manifest are correct and true).
- C. The producer of the waste shall certify the type of waste in accordance with applicable State and Federal Requirements.