

Electric - Water  
Sewer - Gas  
Utilities



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## A GUIDE FOR UNDERSTANDING WAHOO UTILITIES SERVICES AND YOUR RESPONSIBILITIES AS A PROPERTY OWNER

Wahoo Department of Utilities (DOU) want homeowners to understand where customers responsibility begins and where Wahoo DOU responsibility ends as it relates to the services provided.

Wahoo DOU owns and maintains the Sewer, Electric, Natural Gas, and Water systems within City of Wahoo and in some cases in the area outside of Wahoo city limits. Wahoo DOU is a public utility managed by a General Manager who works with a five-member Board of Public Works appointed by the Mayor of Wahoo.

On the following pages we will describe the general condition as it relates to residential customers in Wahoo. However, please note this should not be considered comprehensive to every property. This is a guide and applicable in most situations, but we would ask for current or potential homeowners to call or stop by City hall for more detailed information on existing utilities to a specific property.

As a reminder, any time a customer does any excavation on their property to first call Nebraska Digger's Hotline by simply dialing 8-1-1. This is a free service to have all utilities located.

## Sanitary Sewer Service

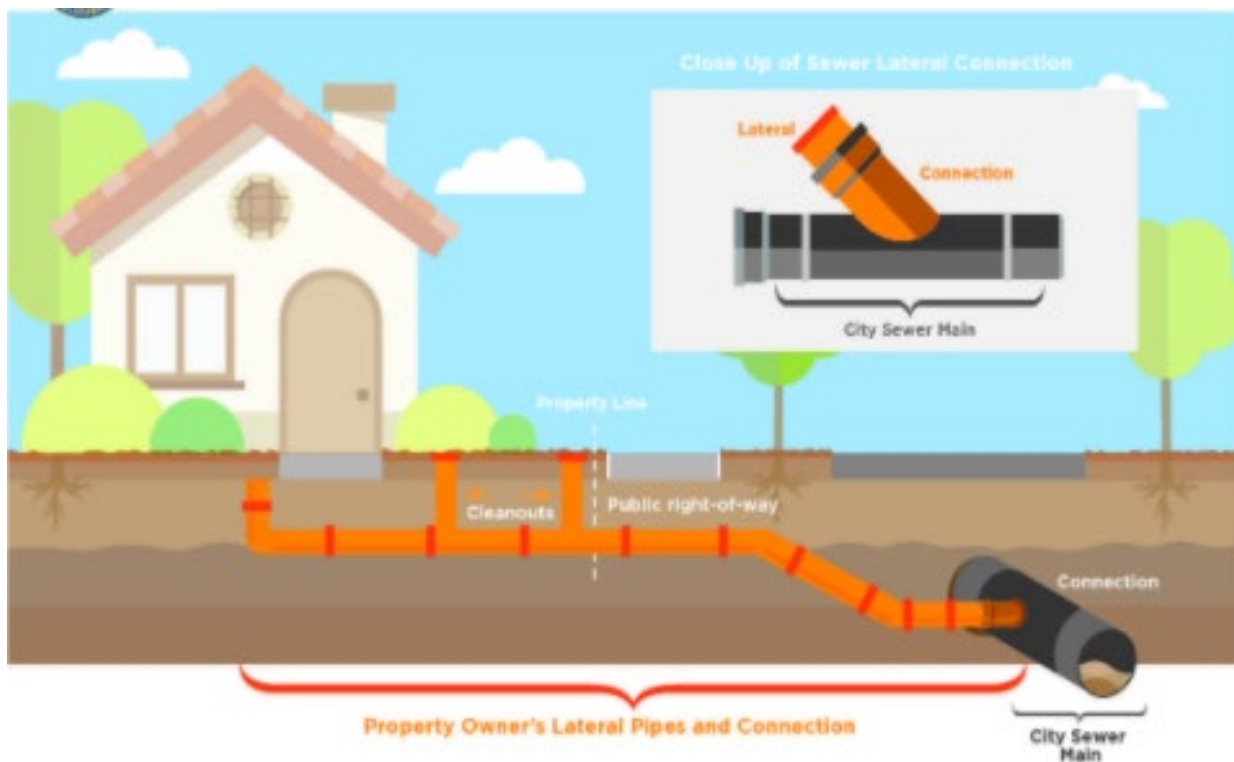
Wahoo DOU owns and maintains the Sanitary Sewer Mains throughout Wahoo. Our sanitary sewer mains are separate from any storm sewer mains. There are three types of sanitary sewer service provided in Wahoo: 1) Gravity Sewer system, 2) Shared private lines, and 3) Pressure Sewer system.

**GRAVITY SEWER SYSTEM:** The vast majority of Wahoo is served Sewer by a Gravity Sewer system with Individual Residential Sewer Service (Diagram 1). This Diagram shows the typical service line to a home. As you can see the homeowner is responsible for the sewer service from the home all the way to the DOU Sewer Main. This includes the tap where the line from the home (service line) connects to the main.

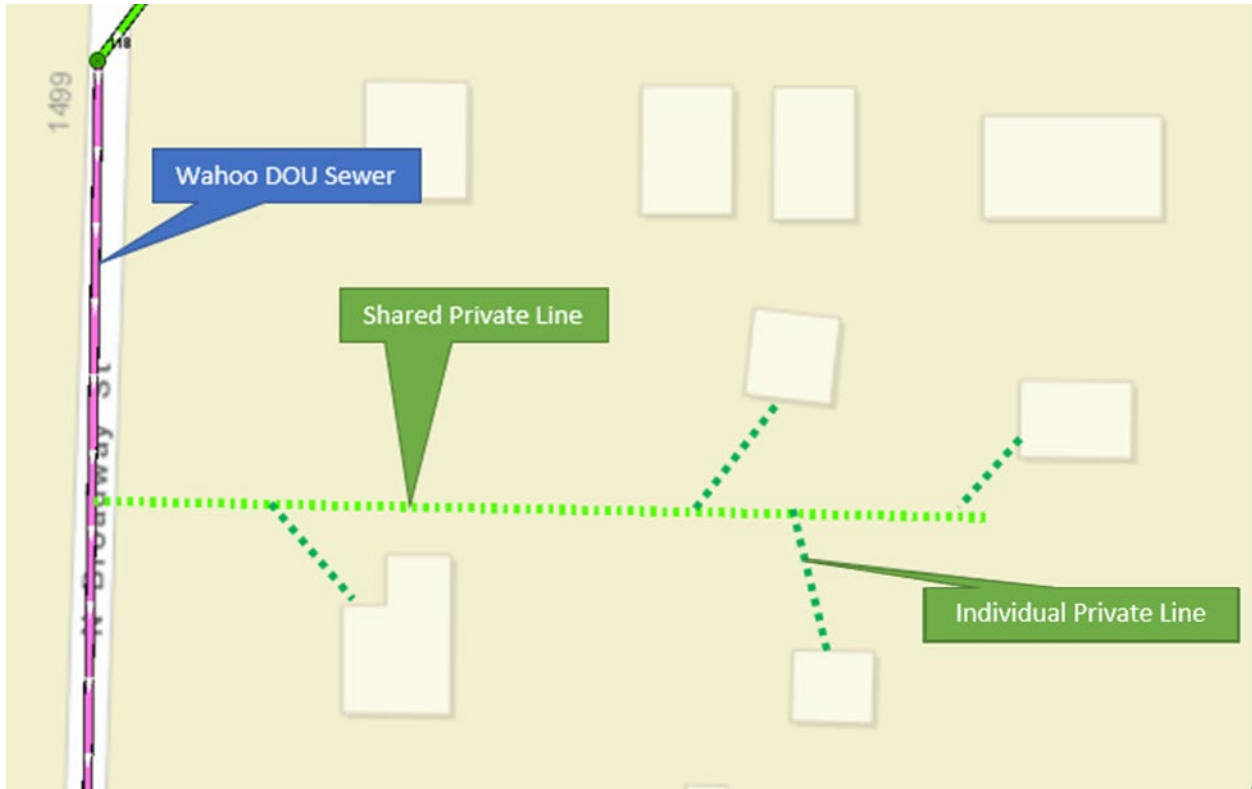
**SHARED PRIVATE LINES:** Wahoo also has some properties that are connected to Shared Private Lines (Diagram 2). For many different reasons properties are connected to a shared private line that serves multiple separate properties. All properties are connected to this shared private line which is then connected to the Sewer Main that is owned by Wahoo DOU. Wahoo DOU does not own and will not maintain these shared private lines. If a group of property owners on a shared private line want to have Wahoo DOU sewer main extended to the area to eliminate the shared private line, we would encourage them to talk to DOU for more information on the process of setting up a Sanitary Sewer Extension District.

**PRESSURE SEWER SYSTEM:** Wahoo DOU also has a section of town served by a Pressure Sewer System (Diagram 3) This system is different in how it operates as it does not solely rely on gravity. The customer has an injector pump located in a lift station or converted septic tank on their property that pumps the sewer into a pressurized Wahoo DOU sewer main. The Property owner owns and maintains the Injector Pump, Lift station and sewer service to the Shut off valve located on or near the property line. Wahoo DOU owns the Shut off valve, backflow preventor and remaining portion of the service connection to the pressurized sewer main. Wahoo DOU owns the mains associated with the Pressurized sewer system.

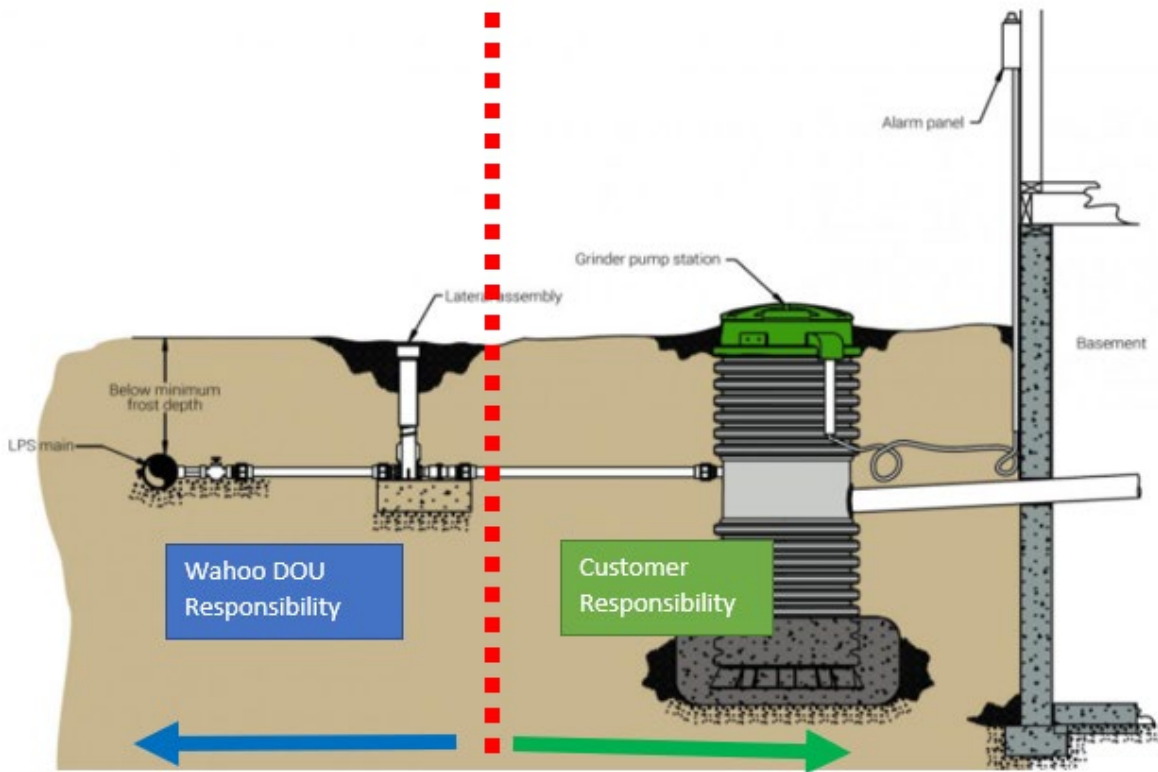
### Gravity Sewer System - Individual Residential Sewer Service (Diagram 1)



**Shared Private Line (Diagram 2)**



**Pressure Sewer System (Diagram 3)**



## **Residential Electric Service**

There can often be confusion about who is responsible for maintaining and repairing residential electrical equipment. This information is a reference to help identify the utility owned equipment versus the customer owned equipment. In the diagrams below, black represents DOU-owned equipment, gray represents customer-owned equipment (Diagram 4).

Wahoo DOU provides, installs, maintains, and repairs all the following equipment (shown in black):

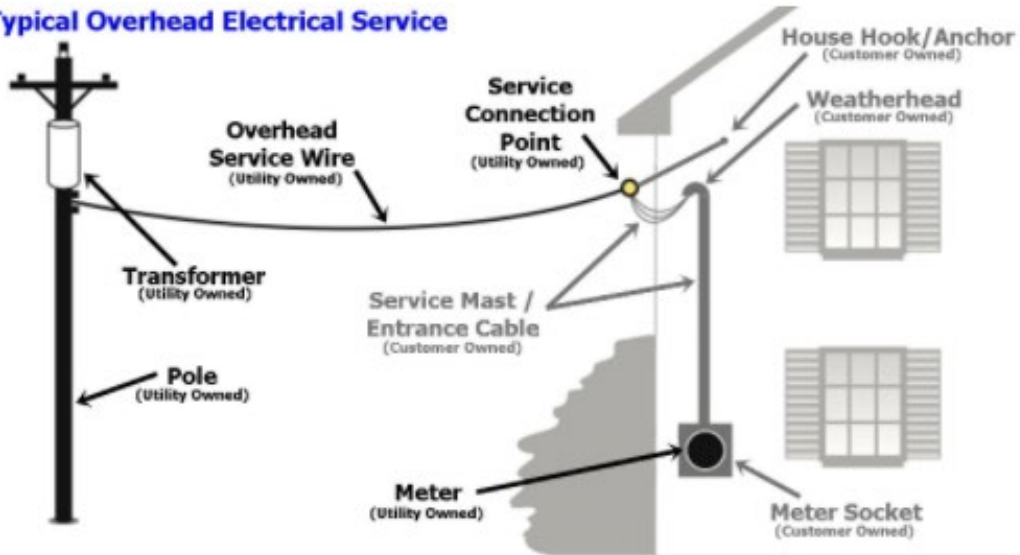
- Meter
- Service wire
- Service connection point
- Transformer
- Pole
- Supply side of transformer (*not shown*)

Customer or customer-hired electrician provides, installs, maintains, and repairs all the following equipment (shown in gray):

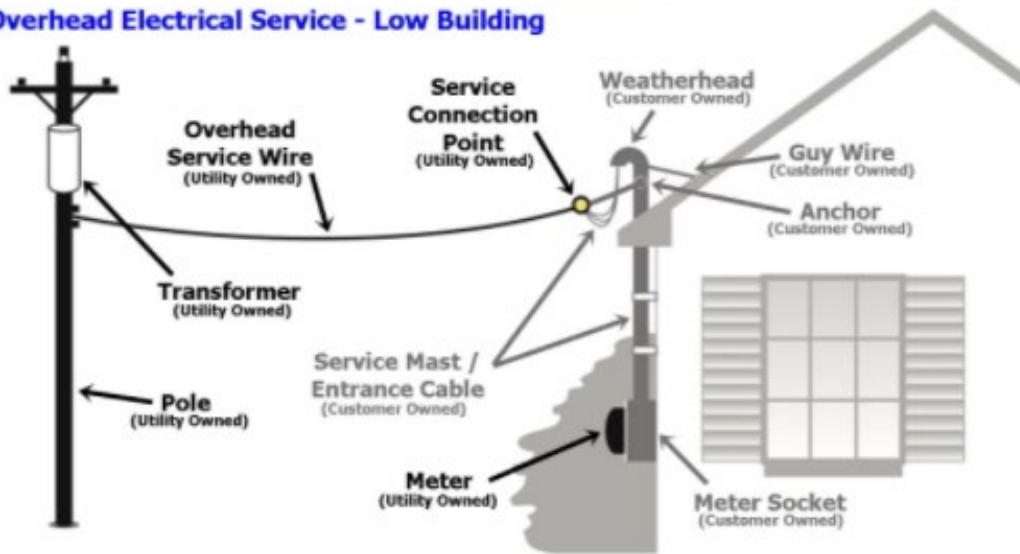
- Weatherhead
- House hook/anchor
- Guy wire
- Service mast
- Service entrance cable
- Riser conduit
- Wiring and electrical panel inside the house (*not shown*)
- Meter socket (Must be purchased from Wahoo DOU)

## Residential Electric Service (Diagram 4)

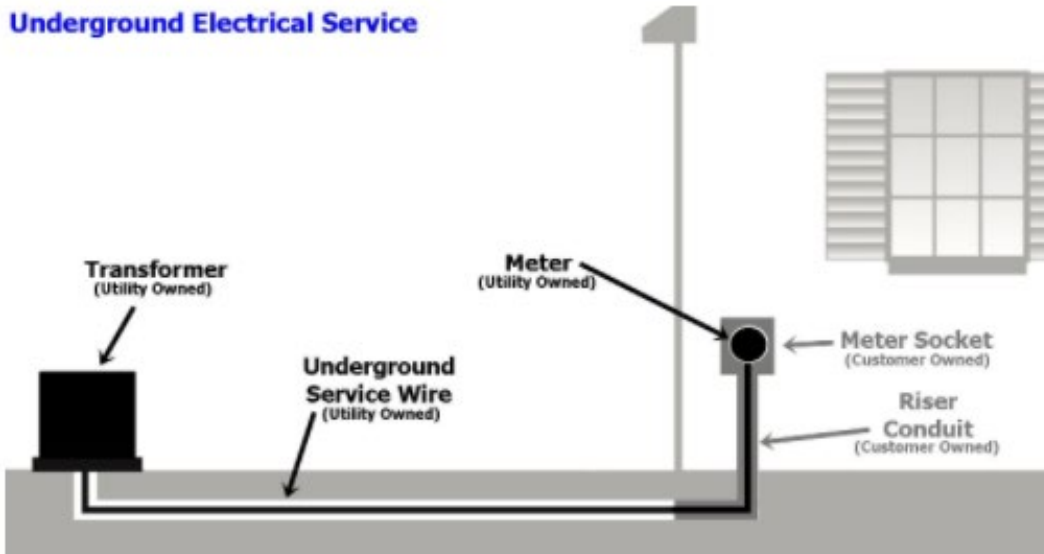
### Typical Overhead Electrical Service



### Overhead Electrical Service - Low Building



### Underground Electrical Service

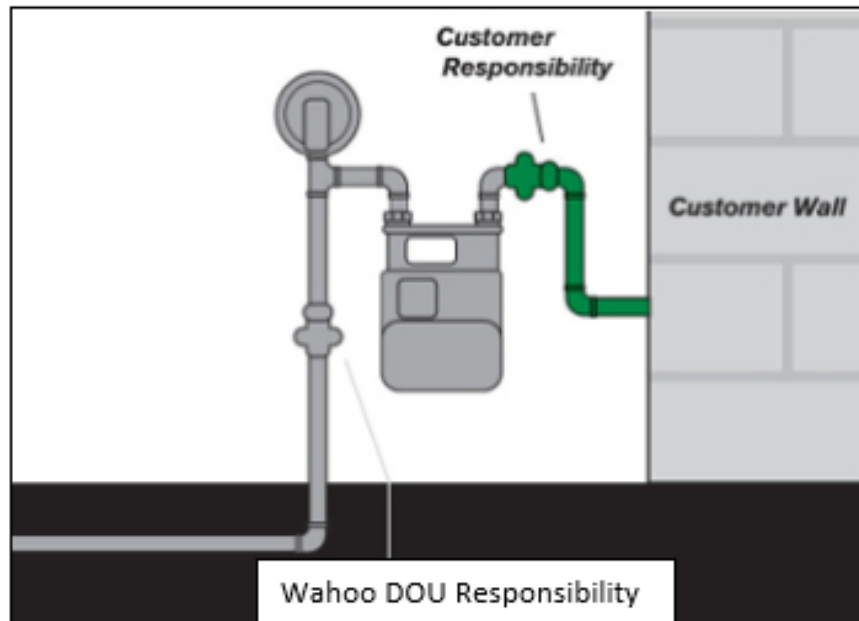


## **Natural Gas Service**

Wahoo DOU owns and maintains the Natural Gas mains and service lines up to and including the Gas meter most often placed next to your home. The diagram below explains the ownership of a typical residential system (Diagram 5).

Customer-owned pipes and lines are between the meter and your appliance. These include underground lines to yard lights, pool and spa heaters, garages, workshops, and similar areas. Please be aware that, if you have any underground customer-owned lines in a project area, you are responsible for contacting Nebraska 8-1-1 to locate and mark them or other underground facilities before your project begins. Take care if excavating in the area, to avoid damage to underground utilities.

**Natural Gas Service (Diagram 5)**



## Water Service

Wahoo DOU owns and maintains the Water Mains and service lines up to and including the Curbstop. The Curbstop is a valve underground used to shut off water to the home. In most cases this is on or near the property line. The line after the Curbstop is owned by the customer. See the diagram below (Diagram 6)

The Water Meter is owned by Wahoo DOU and is typically located in the home or in a meter pit that is located near the Curbstop on or near the property line. For meters located in the home all plumbing around the meter is the customers responsibility. The Water Meter must have reasonable access available for maintenance and inspection.

**Water Service (Diagram 6)**

