

RV Park Water and Sewer System Requirements

Is your recreational vehicle (RV) park going to use a well or have its own on-site sewer system? If so, the water and/or sewer system must be permitted and approved by DEQ. For assistance or questions on permitting or design requirements please contact your local DEQ Office. You can find the contact information at <https://tinyurl.com/44r4ywu4> or call 405-702-6100.

Water Systems

An RV park supplying its own well water is either a **Minor Public Water System (MWS)** or a **Public Water Supply (PWS) System**. If the RV park purchases water from a PWS and does not treat or resell the water, it is not a PWS or MWS.

- **Minor Public Water System** has up to 14 RV spots serving no more than 24 people per day.
 - An Authorization to Construct (permit) is required before drilling a well.
 - Wells have more stringent construction requirements than a residential well.
 - Wells are subject to a minimum of yearly sampling and inspection by DEQ.
 - Regulations for Minor Water Systems can be found at: <https://tinyurl.com/4pwjhyef>.
- **Public Water Supply System** has 15 or more RV spots or serves at least 25 people, 60 days per year.
 - Wells have more stringent permitting, construction, operational, and sampling requirements.
 - A Permit to Construct must be obtained through DEQ's Water Quality Division before starting construction.
 - The system must have an engineering report and plans and specifications prepared by a professional engineer.
 - The system may require a DEQ-licensed operator.
 - Regulations for PWS construction can be found at: <https://tinyurl.com/3vzanwyk>.



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Sewer Systems

If not connected to a public sewer system, an RV park will either have a Small Public On-Site Sewage Treatment System or a Public Wastewater System. The amount of sewage generated in gallons per day (GPD) determines the classification of the system.

- System designs are based on 50 GPD sewage flow for each RV spot. Added amenities such as laundry facilities, bath houses, or stores will increase the daily flow.
- **Small Public Onsite Sewage Treatment System** treats up to 5,000 GPD of sewage.
 - An Authorization to Construct (permit) must be obtained before starting installation.
 - Typical systems include conventional subsurface lateral lines, aerobic treatment systems with spray application or subsurface drip irrigation, and lagoons.
 - Aerobic treatment systems must also account for the strength of sewage, measured by the biochemical oxygen demand, and may require larger systems than those based on daily wastewater flow alone.
 - Small Public On-site Sewage Treatment System regulations can be found at: <https://tinyurl.com/ypfpzcwu>.
- **Public Wastewater System** treats more than 5,000 GPD of sewage.
 - A Permit to Construct must be obtained through DEQ's Water Quality Division before starting construction.
 - The system must have an engineering report and plans and specifications prepared by a professional engineer.
 - The system must have a DEQ-licensed operator.
 - Public Wastewater System construction standards can be found at: <https://tinyurl.com/42cp7tuf>.

Other Considerations

- RV parks cannot be split into multiple water or sewer systems to avoid regulation as a PWS System and/or Public Wastewater System.
- Construction disturbing more than 1 acre of ground must obtain a DEQ Construction Stormwater Authorization. For questions regarding stormwater permitting, see our stormwater permit assistance factsheet: <https://tinyurl.com/3f9rdcwr>.