

# Well Installation Requirements

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## *Public Drinking Water Branch* **Wellhead Protection Section**

- Administer & enforce well construction rules
- Ensure wells are constructed properly
- License well drillers & pump installers
- Provide technical assistance to drillers and well owners
- Maintain well records

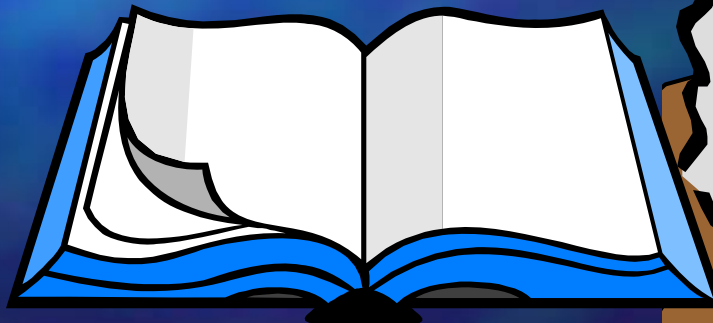
# Well Types

- Oil & Gas wells
- Public drinking water wells
- **Non-public wells**
  - Domestic wells
  - Multi-family wells
  - Heat pump wells
  - Monitoring wells
  - Mineral exploration bores
  - Irrigation wells
  - **High-yield wells**

# Statute and Regulations

## High Yield Wells

- Water Well Drillers Act (256.600 RSMo)
- Well Construction Rules (10 CSR 23)



# High-yield wells

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Wells that are equipped with a pump that has the capacity to produce more than 70 gallons per minute (>100,000 gallons per day)

# High yield wells

## Requirements

- *NO PERMIT NEEDED!*
- The casing point (depth of casing) must be determined by WHP geologist. This usually takes 24 hours or less
- Minimum 10" hole, full-length grout
- Well drilling record must be submitted
- Production must be reported

## Other considerations

# High Yield Wells

- Aquifer draw down
- Impact on adjacent well owners?
- Impact on **water quality**?