

Water and Resource Protection Wells

Full License

Written Exam Study Package

Thank you for your interest in becoming a full licensed Washington State Water and Resource Protection Well Operator, this study packet includes the following:

A Guide to Washington's Well Operator Licensing Program

This brochure describes the different ways to become a licensed operator from entering our training program, to obtaining a Washington license when you are already licensed out of state.

<https://fortress.wa.gov/ecy/publications/SummaryPages/981809WR.html>

Continuing Education for Well Operators

This brochure provides questions and answers regarding our continuing education program and how to have a class approved. <https://fortress.wa.gov/ecy/publications/summarypages/wr98153.html>

Consolidated Rock Table

This chart separates the categories of rock type based on igneous, metamorphic, and sedimentary.

<https://fortress.wa.gov/ecy/wrx/wrx/fsvr/ecy/cyfsvr/file/WaterRights/wrwebpdf/consolidatedrocks.pdf>

Washington Well Construction Act (Regulations)

<http://apps.leg.wa.gov/rcw/default.aspx?cite=18.104>

Passing the Written Exam

All questions are based on the *Regulations* and on the job experience and knowledge. You will need to know:

- How to accurately complete a well report for constructing and decommissioning a well.
- How to plot the location of a well using Township, Range, Section, and $\frac{1}{4}$, $\frac{1}{4}$ - $\frac{1}{4}$.
*Knowledge to correctly demonstrate well location on a well report is required prior to issuing a drilling license.
- Knowledge of different classifications of rock and their origin: whether igneous, metamorphic, or sedimentary.

You will also need to be familiar with ***Title 40 Code of Federal Regulations (CFR) Protection of Environment***, 40 CFR is considered reference material you may need as you work on projects. Parts of these regulations may be included in the written exam. <http://ecfr.gpoaccess.gov/>

Sample of drillers actions regulated through EPA/40 CFR:

- RCRA site regulation contains drilling regulations
- Superfund site regulation contains drilling regulations
- Drilling waste or spoils generated during drilling that are or may be contaminated
- Oil spills at their shops or drill sites
- Hazardous waste spills at their shops or drill sites
- Hazardous waste they generate at their shops or drill sites
- Contamination of water
- Diesel emissions
- National drinking water standards

Questions? Contact the Well Construction and Licensing Office at: wclo@ecy.wa.gov or 360-407- 6650.