



Dear CWR Examinee:

Below are some recommendations for how to use the content from WQA's Assessing Water Quality Problems and Application & Sizing of POU/POE Treatment for Aesthetic Contaminants courses to prepare for the CWR exam.

The Knowledge Base articles in the elearning activities are meant as background information. The questions on the exam are more practical than those found in the course material, however, competency in answering the questions in is a good indicator of your preparation. Pay attention to how the treatment technologies operate, what happens in their cleaning cycles, etc.

When reading the Knowledge Base articles and reviewing the coursework, focus on:

1. Appropriate resources to answer customer questions
2. Information required in a site survey
3. Aesthetic effects caused by certain contaminants and appropriate treatment options
4. Pre-treatment needs and equipment
5. Identifying potential issues from a site survey or from aesthetic symptoms
6. Equipment installation considerations
7. Appropriate tests for specific contaminants
8. Requirements for applying POU ROs, softeners, backwashing filters, ultrafiltration, multi-media filtration, additional equipment required for private well applications.
9. Calculations such as:
  - a. RO differential pressure
  - b. RO rejection
  - c. Softener capacity with reserve
  - d. Grains per gallon from parts per million or milligrams per liter
10. Disinfection methods
11. Primary and secondary contaminants
12. Advantages and disadvantages of various technologies

Be sure to look over Ethics and Legal Considerations Fundamentals. The exam has a few questions related to ethics and legal issues and as a WQA-certified professional, you are expected to adhere to the WQA Code of Ethics.

Sincerely,

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