

Attention: Water Treatment Plant Operators

The Operator Education, Training, and Certification Program will be offering a 1-day Basic Water Chemistry Course. The course will be held virtually by World Water Operator Training Company. A representative from Water Resource Management Division will be present to oversee the course and facilitate questions and communication to the course provider. The details pertaining to dates and location are as follows:

Date: March 14th, 2024**Time: 8:30 am to 4:30 pm**

This course will be offered in three locations:

1. Corner Brook

Sir Richard Squires Building – Third Floor Training Room
84 Mount Bernard Avenue

2. Grand Falls – Windsor

Corduroy Brook Nature Trail Building
Conservation Place

3. Mount Pearl – **COURSE FULL**

Infrastructure & Public Works Building
59 Clyde Avenue

The material covered during this seminar will include the following topics:

- Definitions/Symbols/Formula's
- pH Concepts
- Alkalinity/Hardness Relationships
- Ionization/Electrolysis
- Coagulation - Chemical Principles & Ionization Reactions
- Oxidation-Reduction Reactions, Oxidants in Water Treatment, Oxidation vs. Disinfection
- Chemistry of Chlorination & Chloramination
- Chemistry of Iron & Manganese
- THM's
- Taste & Odour
- Chemicals – Common Chemicals in Water Treatment & Expressing Concentrations

If you would like to attend the course, or if you require further information, please contact **Victoria Pelley** at victoriapelley@gov.nl.ca or 709-729-7634.