

Bulk Water Delivery Refresher

Course Outline

Course Description

This 1 day course provides a review of skills and knowledge relevant to Bulk Water Delivery Operators.

The main objective of the course is to meet the Environmental Operators Certification Program (EOCP) continuing education requirements for Bulk Water Delivery Operators (required by the Yukon Government Drinking Water Regulation).

Course Pre-requisites

There are no specific pre-requisites for this course. However, Grade 12 (or equivalent) math skills are an asset. Math upgrades are available –contact us.

Participants that are rusty/uncomfortable with their math skills are advised to take 'WO 026 – Math Review for Small Water Systems and Bulk Water Delivery' prior to attending this course.

Continuing Education Units (CEUs)

This course is recognized by EOCP for 0.6 CEUs (core for BWD certifications, and related for SWS, WT, WD, WWT, WWC, SWWS certifications).

Course Duration

- 1 day
- 8:30 am to 4:00 pm
- 1 hour lunch break
- morning and afternoon break (15 minutes each)

Course Topics and Learning Outcomes

Upon successful completion of the course, the students will be able to:

- Describe the requirements of the Yukon Drinking Water Regulation related to Bulk Water Delivery.
- Recall disinfection concepts applicable to the job functions of a Bulk Water Delivery Operator.
- Demonstrate proper sampling techniques for bacteriological and chlorine residual testing, and proper use of a handheld chlorine residual meter.
- Identify unsafe work conditions and proper safety procedures relevant to Bulk Water Delivery operations.
- Produce appropriate Bulk Water Delivery records.

Delivery Method/Format

Instructional Method	Percentage of Class Time
Hands-on/Q & A Presentation/Lecture	30%
Slides	65%
Demonstration	5%

Material/Handouts (supplied)

- Student Binder: Yukon University. Bulk Water Delivery Refresher; a technical development course. Whitehorse, Yukon.
- EOCP Course Completion and Evaluation Form.
 - every student needs to complete and return this form for any CEU allocation
- Calculators are provided but students are welcome to use their own.
 - please return

Course Requirements

Attendance and participation in class are required. It is the student's responsibility to attend all classes. CEUs will be allocated based on attendance and course completion; Yukon University records will show a pass or fail result. If the participant doesn't attend the class, Yukon University records will show a "no show" result and no CEUs will be allocated.

Evaluation

There will be a quantifiable evaluation at the end of this course with a passing mark of 70%. Please note that this evaluation is for self-assessment purpose only.

The final evaluation for this course is NOT an EOCP certification exam. To challenge a certification exam, register separately with EOCP at least 3 weeks in advance: 1-866-552-3627 or crm.eocp.ca.

Appropriate Language

In all areas of the University environment, students are responsible for showing respect for others. Swearing, or language that is discriminatory or derogatory in relation to race, sex, ethnic background, religious beliefs, age, and physical condition is not appropriate.

Electronic Devices

In order to be successful in classes and minimize distractions for others, cell phones, iPods, and other electronic devices must be turned off while students are in class. In an emergency situation, the instructor may give a student permission to use a cell phone or pager.

Academic and Student Conduct

Information on academic standing and student rights and responsibilities can be found in the current Academic Regulations that are posted on the Student Services/Admissions & Registrations web page.

Plagiarism

Plagiarism is a serious academic offence. Plagiarism occurs when students present the words of someone else as their own. Plagiarism can be the deliberate use of a whole piece of another person's writing, but more frequently it occurs when students fail to acknowledge and document sources from which they have taken material. Whenever the words, research or ideas of others are directly quoted or paraphrased, they must be documented according to an accepted manuscript style (e.g., APA, CSE, MLA, etc.). Resubmitting a paper which has previously received credit is also considered plagiarism. Students who plagiarize material for assignments will receive a mark of zero (F) on the assignment and may fail the course. Plagiarism may also result in dismissal from a program of study or the University.

Academic Accommodation

Reasonable accommodations are available for students requiring an academic accommodation to fully participate in this class. These accommodations are available for students with a documented disability, chronic condition or any other grounds specified in section 8.0 of the Yukon University Academic Regulations (available on the Yukon University website). It is the student's responsibility to seek these accommodations. If a student requires an academic accommodation, they should contact the Learning Assistance Centre (LAC) at LearningAssistanceCentre@yukonu.ca.

Class Outline

30 min	Introduction
75 min	Chapter 1 – Regulations
15 min	Break
75 min	Chapter 2 – Disinfection
60 min	Lunch
90 min	Chapter 3 – Sampling and Testing
15 min	Break
60 min	Chapter 4 – Health and Safety
15 min	Chapter 5 – Recordkeeping
15 min	Course Completion Paperwork