

MOWA Speaker Form Information

When providing your summary for the MOWA Speaker Form, please help us by providing the following types of information for CE approval.

Some training is considered directly relevant and some training is relevant in an indirect way; the latter known as related training. Direct continuing education credits are assigned to technical courses that deal directly performing SSTS work according to Minn. R. chs. 7080-7083, including soils training, proper use of treatment technologies and rule updates.

Related continuing education credits are applied to courses that deal with non-technical courses that deal with non-rule related topics, including basic physical science, general construction topics, and national trends.

Direct CE

- 1) Tell us where in rule your topic is discussed, explaining how the presentation will utilize the topic in their presentation.
- 2) The rule or discussion of the certain rule needs to be listed in your objectives.
- 3) Submitting additional materials is accepted to help gain Direct CE approval. Items can be skeleton slide show or outline.

Example of Direct CE Presentation

Summary & Objectives:

The presentation will go over the design process that is typically undertaken when confronted with another establishment. It will discuss preliminary site evaluation of the site as highlighted in 7080.1710 and 7080.1720, 7081.0160, 7081.0170 and 7081.0180. It will also discuss determining flow and waste concentration from other establishments using 7081.0130 and Prescriptive Design Guidance and ultimate system sizing using table IX in 7080.2150. The presentation will do this using a case study of a restaurant in a developing country where this project was completed. The presentation will focus on how to work through the design process in 7080/7081 for a restaurant of this type in MN, indicating number of seats, type of food etc. and then how that process outlined in 7080/7081 was either followed or not followed in the developing country and why. The presentation will show the reason for the need for these requirements as it ensures the protection of groundwater and how the lack of these standards can lead to contaminated drinking water and surface water resulting in negative public health impacts lowering the quality of life and increasing the incidents of disease.

Learning Objectives:

1. Using a case study in a developing country to highlight why what we do matters; using examples of specific rules like setbacks to wells and ensuring treatment occurs with our systems and the impacts of deviating from them.

2. Help people better understand the design process for other establishments by using a case study in a developing country as a comparison to show how that process works in 7080/7081 and how that is a challenge in other places with different use patterns.

3. Help people better understand when pretreatment is needed in other establishments and a high level overview of what they do while using a case study of a project with a restaurant in a developing country.

Related CE

Related continuing education credits are applied to courses that deal with non-technical courses that deal with non-rule related topics, including basic physical science, general construction topics, and national trends.

Example of Related CE Presentation

Title: Wastewater and Marijuana

Summary and Objectives:

This presentation focuses on the methods used to determine waste strength from an active marijuana cultivation center. The presenter will examine the concerns attached with specific results (BOD, TSS, Nitrogen, pH, cannabis byproducts, etc.) from testing. The environmental impact of each identified result will be examined, specifically focusing on disposal concerns. The presentation will end with a discussion on methods used to manage wastewater and will include an examination of treatment options, standards that exist to address the concerns of the industry and considerations on pump and haul. Objectives: Discuss and understand the waste stream made during cannabis production. Understand the methods and procedures to treat this effluent stream. Discuss onsite vs. sewer impacts on grow operations.

Unrelated CE

Any topic that is not covered by the above descriptions, will fall under Unrelated CE and net 0 CEs for professionals.