



## **Solid Waste Training Module (SWTM)**

### **An introduction to SAFETY Level I (1 days) 0.06 CEUs**

The course will provide participants with an introduction to health and safety risks at SWM facilities before they become involved in an incident, or near miss. Through practical case studies and group work the participant will use course tools to think critically about the potential risks and practicable methods to prevent hazards at their SWM site. This course is aligned with Alberta OH&S regulations.

**INTRODUCTION TO SAFETY Level II (1 day) 0.06 CEUs** (*Level 2 participants must have completed intro to Safety for SWM Facility - Level 1 or completed Manager of Landfill Operations or equivalent*)

Participants will understand how a SWM operations plan can assist with identification, assessment, and control of hazards for a SWM facility; be familiar with the organizations involved in safety in the workplace; and, the legal responsibilities of SWM owners as outlined in the Landfill Code of Practice, Landfill Standards, and the Alberta Occupational Health and Safety Act. Participants are encouraged to bring their site operations plan, and through guided instruction, will learn to critically analyze areas of strength and opportunities for improvement for safety on their SWM site.

### **RISK MANAGEMENT AND JOB HAZARD ANALYSIS FOR SOLID WASTE FACILITIES (1 day) 0.06 CEUs**

This course is designed for solid waste facilities. Participants will review the general principles of a health and safety system; learn the difference between risk management, job hazard analysis and field assessments; recognize the value of identifying hazards, assessing risk using Risk Assessment Matrix. Participants will use SWM case studies to understand how to develop, communicate, and implement controls to minimize risk while improving work methods and productivity. This course is aligned with the Alberta OH&S Act, regulations, and code.

### **ASBESTOS MANAGEMENT AND HANDLING (1 day) 0.06 CEUs**

This course covers the basic properties of asbestos as a raw material, its use in industry, and its properties as a hazardous waste material. Through Federal and Provincial Occupational Health and Safety regulations regarding asbestos, participants will be able to consider how these regulations impact work within the scope of solid waste management. Participants will understand the potential risks associated with the handling and mishandling of asbestos. By the end of this course, participants will understand the operational and safety controls necessary to handle asbestos safely, and develop a standard operating procedure by choosing from presented best practices for final disposal of waste asbestos.

### **TRANSFER STATION BASICS (2 days) 1.2 CEUs**

Transfer stations and Eco stations allow for the separation of recyclables and reusable materials before the residual goes to a landfill. For communities to fully engage in creating a sustainable waste diversion program, they require specialized training to understand the fundamentals of an integrated waste management system. The course will introduce participants to different waste stream categories and help them understand which streams are recyclable and or recoverable. Upon completion participants will understand the necessary competencies required for planning, organizing and operating an Eco and Transfer station.

### **HOUSEHOLD HAZARDOUS WASTE (2 DAYS) 1.2 CEUs**

Hazardous wastes are defined as those wastes that are flammable, reactive, corrosive, or toxic. These special wastes pose many risks both to the health of people and to the environment. They can cause skin damage on contact and as a result of leaching, pollute the ground water, surface water, and ground matter. This course will prepare participants to identify, sort and store household hazardous wastes brought in to the landfill. Hands-on activities and discussions provide a rich learning experience. When possible, the course will include a tour of a transfer station or eco stations or landfill site with HHW programs.

### **COMPOSTING (2 days) 1.2 CEUs**

The object for many communities is to reduce the amount of waste going into the landfill. Municipal compost facilities can be part of the community's waste diversion strategy. This course is designed to provide participants with an overview of the compost process from what happens in the compost pile to how a compost facility site may look and operate.

While comprehensive, this course is intended to prepare participants for Canadian Compost Council certification. When possible this course will include a tour of a compost facility.

## **COURSE COSTS**

**2 DAY COURSES \$825.00**  
**AB CARE MEMBERS \$775.00**

**1 DAY COURSES \$575.00**  
**AB CARE MEMBERS \$550.00**

### **Upcoming Courses:**

- Amend the Asbestos Course with the new Alberta regulations of Asbestos Management and Handling
- Equipment Operator Courses
- New Councilor Orientation Course For SWM

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