

Below are the descriptions of the common courses taught in the SW Bootcamp. Participants will receive updated course descriptions upon registration.

1. **Solid Waste 101** – This session will give a brief overview of the basic principles of solid waste management and what regulators look for when inspecting a landfill. We will introduce topics like compaction, cover, leachate, and hazardous waste, all of which will be covered later in greater detail.
2. **Class III Landfill Designs** – This session will introduce the two main designs used in Class III landfills in rural Alaska: Trench and Fill and Area Fill. We will discuss the key elements of both and their advantages and disadvantages across the Alaskan landscape.
3. **Landfill Administrators and Operators Working Together** – This session will define the roles of landfill operator and administrator in a Class III landfill. We will discuss how the two roles can effectively divide responsibilities for budgeting, record keeping, creating codes and ordinances, working with cities and/or tribes, outreach, and recycling/backhaul coordination.
4. **Rural Landfill Site Maps and Operations Plans** – This session will review the various styles of landfill site maps that are seen in a permit application and discuss basic tools to create these maps. This session will provide a high-level introduction to the landfill operation plan including what information is required to be in it, how often it should be reviewed and updated, and resources for more in-depth help to maintain this document.
5. **Permitting a Rural Landfill** – This session will walk participants through the process of filling out a new landfill permit application and a renewal application. We will point out some of the places where communities commonly make mistakes and explain the importance of having a permitted landfill and keeping it permitted.
6. **The 4 C's of Landfill Operation** – This session will discuss the four basic tenets of a well-managed Class III landfill. This talk will go in depth into the topics of site control, waste consolidation, compaction methods, and cover material using local examples and discussing best practices while acknowledging the challenges that many communities face when attempting to achieve all four C's.
7. **Backhaul and Recycling** – In this session we will start by discussing the process of backhauling materials out of a community and how to handle the various materials that should be shipped out of rural Alaska. Then Paul Berry, from Zender Environmental, will discuss the ins and outs of creating and managing a recycling program in rural Alaska.
8. **Visual Waste Index: ADEC SW's Inspection Form** – In this session participants will learn about the landfill scoring tool that all Rural Landfill Specialists use to “grade” the management of a Class III landfill. Join in as we will take a deep dive into each section of the waste index form including site control, burning, operations, water impacts, special waste management, administration, and recommended waste management improvement programs and learn about how communities can improve their future inspection score.
9. **Dealing with Construction and Demolition Debris** – In this session we will define what constitutes this type of waste and who is responsible for its legal disposal. Although a rural landfill is not required to accept C&D waste, we will demonstrate effective tools that can be used to calculate reasonable disposal costs if they choose to accept it.
10. **Landfill Impacts and Personal Protective Equipment (PPE)** – What does it really mean to be protective of human health and the environment? In this session we will introduce personal and environmental protections. First, we will discuss the work-related clothing and equipment that

should be used when working with solid waste. Then we will investigate the myriad ways mismanaged Class III landfills can harm the air, land, water, and the food we eat.

**11. Waste Burning Basics** – In this session participants will learn about what is needed to safely burn waste in a Class III landfill. We will introduce the various burn methods allowed in landfills and the equipment needed including trenches, burn units, and burn cages.