



# **Landfill Operators Certification Training Program Summary**

***April 2 - 5, 2012***

## **Monday – April 2<sup>nd</sup>**

**Registration: 9:00 a.m. to 10:00 a.m.**

**Classroom Instruction: 10:00 a.m. to 4:00 p.m.**

**Lunch & Refreshment Breaks Provided**

- Introduction and Welcome
- Tennessee Regulations: Provides a brief history of when and how the State laws and regulations developed over time.
- Landfill Math: Presents basic math concepts that are commonly utilized in landfill operations.
- Liners and Leachate Collection: Discusses the design criteria and construction of liners and leachate collection systems.
- Tennessee State Parks: Presents information on the State Parks 75<sup>th</sup> Anniversary.

## **Tuesday – April 3<sup>rd</sup>**

**Registration: 7:30 a.m. to 8:00 a.m.**

**Classroom Instruction: 8:00 a.m. to 4:00 p.m.**

**Lunch & Refreshment Breaks Provided**

- Waste Acceptance/Random Inspections: Addresses the importance of maintaining control of wastes being delivered to a landfill.
- Solid Waste Assistance: Update on recycling partnerships between the Department and multiple county governments.
- Landfill Recordkeeping: Identifies those records that are required by the State laws and regulations that are to be kept at the landfill.
- Landfill Plans: Introduces the fundamental principles of landfill design as well as how to read engineering drawings.
- Compliance Inspections: Provides an overview on the State's procedures and techniques used during a landfill inspection.
- Groundwater Monitoring: Identifies basic information on the groundwater monitoring well network, routine monitoring requirements, and reporting requirements.
- Surveying: Details the "how to" for performing simple surveying activities and techniques; and involves a field exercise.



### **Wednesday – April 4<sup>th</sup>**

**Registration: 7:30 a.m. to 8:00 a.m.**  
**Classroom Instruction: 8:00 a.m. to 4:00 p.m.**  
**Lunch & Refreshment Breaks Provided**

- Erosion Control: Provides an introduction to the principles of stormwater and erosion control.
- Closure and Post Closure: Addresses the requirements for closure and post closure of a landfill.
- Landfill Operations: Discusses good operational procedures and practices, along with effective controls and monitoring.
- Landfill Gas Management: Examines the generation, movement, and control of landfill gas.
- Field Trip: Provides an opportunity for operators to go into the field and review the concepts taught in the classroom. [Be sure to bring appropriate attire for the field trip.]
- Landfill Jeopardy: Set up teams of operators to compete in playing Jeopardy.

### **Thursday – April 5<sup>th</sup>**

**Continental Breakfast: 7:00 a.m. to 8:00 a.m.**  
**Overall Review: 8:00 a.m. to 9:00 a.m.**  
**Examination: 9:30 a.m. to 12:00 p.m.**

- Overall Review by Classroom Instructors
- A Question and Answer Session for Landfill Operators
- Break (prior to exam)
- Examination