



## Compost 101- A Human Waste Solution

---

# DESIGN DOCUMENT

Susan Darcy

Laughing Badger LLC

July 20, 2022

## PURPOSE

It is intended to *introduce the concept of composting* to prepare the learner for subsequent courses that explore the subject further.

## TARGET AUDIENCE

Individuals responsible for city planning and policy-making in the following sectors: waste disposal, municipal sewage treatment, and building codes as they relate to septic permitting and “green” alternatives.

## LEARNING OBJECTIVES

To prepare the learner to accurately:

- Explain what compost is
- List four examples of where compost comes from
- Describe why compost is good
- Explain the most important factors in safely composting human waste

## LEARNING DELIVERY METHOD

One eLearning module built in Articulate 360 Storyline with voice-over narration, knowledge checks, and one graded quiz.

## AESTHETICS

Photographic visuals whenever possible showing artistic, real-life representations of plants, dirt, gardens, animals, food, and practical everyday activities. A color palette of browns and greens with accent colors: white, yellow, orange.

## SEAT TIME

The length of this course will be approximately 15 minutes.

## DELIVERABLES

- Storyboard
- 1 eLearning course developed in Articulate 360 Storyline
  - includes voice-over narration
  - knowledge checks
  - final assessment

# DESIGN DOCUMENT

## Compost 101- A Human Waste Solution

Topics to Include	
Welcome to the Course	Title slide, logo (if applicable), sets the aesthetic tone for the course.
Navigation	Present Options: <ul style="list-style-type: none"><li>• seeing a quick tutorial on how to use the controls to move through the course</li><li>• skipping that and moving straight to starting the course.</li></ul>
Objectives	List the learning goals. The measurable things the learner can demonstrate that they know: <ul style="list-style-type: none"><li>• Explain what compost is</li><li>• Describe why compost is good</li><li>• List four sources of compost</li><li>• Explain the most important things to consider when safely composting human waste</li></ul>
Training Outline:  <div data-bbox="161 1148 548 1256" style="border: 1px solid black; padding: 5px; width: fit-content;">Interspersed with Knowledge Checks throughout.</div>	<p><b>What compost is:</b></p> <ul style="list-style-type: none"><li>• definition, explanation</li><li>• the work of micro-organisms</li><li>• breaking down organic matter to make soil</li><li>• define <i>organic matter</i>.</li></ul> <p><b>Sources of compost:</b></p> <ul style="list-style-type: none"><li>• food scraps, yard trimmings and other plant matter, animal manure, human waste.</li><li>• Introduce the word “humanure.”</li></ul> <p><b>Composting human urine:</b></p> <ul style="list-style-type: none"><li>• benefits</li><li>• the nutrients it has</li><li>• how it can be used</li><li>• timeframe involved</li></ul>

	<p><b>Composting human “poo”:</b></p> <ul style="list-style-type: none"> <li>• the differences in timeframe,</li> <li>• the issue of pathogens,</li> <li>• the need for heat and time,</li> <li>• the diminishing of odor as it transforms into soil.</li> </ul> <p><b>Applications for composting at any scale:</b></p> <ul style="list-style-type: none"> <li>• single family homes</li> <li>• community building vision (briefly),</li> <li>• towns/ cities</li> </ul>
Graded Quiz	<p>Approximately 5-8 questions. Results minimum 80% correct required.  Unlimited Review and Retake options.</p>
Exit course	<p>Provide links to resources: organizations, information, etc.</p>