**Name**

**Course Number**

**Instructor’s Name**

**Due Date**

**SCI201 Unit 4 Individual Project**

*For this assignment, complete all of the sections on this worksheet, and submit it to the Submitted Assignments area of the classroom.*

**Introduction**

A good paper should start with background information on the topic to be discussed, define important terms, and explain why the topic is important to the reader. For this assignment’s introduction, you will answer the following questions:

What is municipal solid waste?

How was waste dealt with before industrialization?

Why did this process have to change?

**Body of Paper**

The body of your paper should consist of several paragraphs, one to address each of the main topics of your paper. For this week’s assignment, address the following points with at least 1 paragraph each:

1. Describe an open dump. What environmental problems do open dumps cause?
2. Describe an early landfill, and how these differ from open dumps. What problems are associated with early landfills? This should include a discussion of leachate, methane, incomplete decomposition, and settling.
3. Describe a modern landfill. What are the differences as compared to early landfills?
4. Choose 1 of the following landfills, and explain the innovations being implemented to make the landfill more productive and to reduce its environmental impact:
   * Mariannhill Landfill, South Africa
   * Puente Hills Landfill, California
   * Altamont Landfill, California
   * Tessman Road Landfill, Texas

**Conclusion**

Below, write 1 paragraph summarizing the information above and what you learned from this assignment.

**References**

Include at least 1 reference that you used in your assignment. Every reference in this list must be cited above as an in-text citation. If you are not sure how to format a reference or in-text citation you can review the [CTU Style Guide](http://careered.libguides.com/ld.php?content_id=13865710).