Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period\_\_\_\_\_\_\_\_\_\_\_

Grade levels: High School

Course: Foods

Food Safety Case Study Assessment

***Directions:*** Read the following case study. Answer the following questions using complete sentences. Use both the information from the case study and knowledge learned in class.

Twenty-eight kindergarten children and seven adults visited a raw milk bottling plant, where they were given ice cream and raw milk. Three to six days later, nine children and three adults developed gastroenteritis. The only foods eaten by all these children (ill and well) were in the school-provided lunches. No one else in the school became sick. Stool cultures showed one bacterium in common to nine of the ill children and not present in samples from nine well children. This bacterium is a curved gram-negative rod; it neither ferments nor oxidizes glucose.

1. Identify the bacteria that caused the outbreak and list off a 3 possible symptoms associated with that bacteria. (4 points)
2. How did the food get contaminated, and what item was contaminated? (2 points)
3. What could be done to prevent this type of outbreak? (2 points)
4. Briefly explain how you arrived at your conclusions. (2 points)

Key:

1. The bacteria was Campylobacter.
2. The food wasn’t pasteurized and the item was raw milk.
3. Prevention would be to pasteurize the milk to kill any bacteria that may arise.
4. Based on class notes and a description of the bacteria, this bacteria fit the description of the symptoms.

Objectives:

The student will determine symptoms associated with food borne illnesses. (Question #1, 4)

The student will examine out how food borne illnesses spread. (Question # 2, 4)

The student will propose practices for handling food that can help prevent food borne illnesses. (Question #3, 4)

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_ Period\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Food Safety Lab Evaluation

***Directions:***  After finding a partner, use this evaluation to evaluate your partner on the following areas during the lab. You will also be evaluated by your partner. Once you reach the STOP sign, stop and come grab me to complete the evaluation.